

## Cover Page

**Order ID :** Q2267

**Project ID :** Con Ed Non MGP – Atlantic Ave 453957.600024.05

**Client :** PARSONS Engineering of New York, Inc.

**Lab Sample Number**

Q2267-01

**Client Sample Number**

WC-20250605

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: 6/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## 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                                                                                                                                                                                                                                                                                                                                              |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2267

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: PRADIP PRAJAPATI

Date: 06/16/2025

## LAB CHRONICLE

|                 |                                       |                   |                                                |
|-----------------|---------------------------------------|-------------------|------------------------------------------------|
| <b>OrderID:</b> | Q2267                                 | <b>OrderDate:</b> | 6/6/2025 2:17:00 PM                            |
| <b>Client:</b>  | PARSONS Engineering of New York, Inc. | <b>Project:</b>   | Con Ed Non MGP – Atlantic Ave 453957.600024.05 |
| <b>Contact:</b> | Stephen Liberatore                    | <b>Location:</b>  | D41                                            |

| LabID    | ClientID    | Matrix | Test            | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------|--------|-----------------|--------|-------------|-----------|-----------|----------|
| Q2267-01 | WC-20250605 | TCLP   |                 |        | 06/05/25    |           |           | 06/06/25 |
|          |             |        | TCLP ICP Metals | 6010D  |             | 06/11/25  | 06/11/25  |          |
|          |             |        | TCLP Mercury    | 7470A  |             | 06/11/25  | 06/12/25  |          |



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**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2267

**Order ID:** Q2267

**Client:** PARSONS Engineering of New York, Inc.

**Project ID:** Con Ed Non MGP – Atlantic Ave 453957.6

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| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

Client ID :



# SAMPLE DATA

## Report of Analysis

|                   |                                                |                 |          |
|-------------------|------------------------------------------------|-----------------|----------|
| Client:           | PARSONS Engineering of New York, Inc.          | Date Collected: | 06/05/25 |
| Project:          | Con Ed Non MGP – Atlantic Ave 453957.600024.05 | Date Received:  | 06/06/25 |
| Client Sample ID: | WC-20250605                                    | SDG No.:        | Q2267    |
| Lab Sample ID:    | Q2267-01                                       | Matrix:         | TCLP     |
| Level (low/med):  | low                                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-38-2 | Arsenic   | 25.6  | U    | 1  | 25.6 | 100        | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 72.8  | U    | 1  | 72.8 | 500        | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 2.50  | U    | 1  | 2.50 | 30.0       | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 10.6  | U    | 1  | 10.6 | 50.0       | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 11.5  | U    | 1  | 11.5 | 60.0       | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.76  | UN   | 1  | 0.76 | 2.00       | ug/L  | 06/11/25 16:00 | 06/12/25 10:59 | 7470A    |           |
| 7782-49-2 | Selenium  | 48.2  | U    | 1  | 48.2 | 100        | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 8.10  | U    | 1  | 8.10 | 50.0       | ug/L  | 06/11/25 12:30 | 06/11/25 18:00 | 6010D    | SW3050    |

|               |             |                 |       |            |
|---------------|-------------|-----------------|-------|------------|
| Color Before: | Colorless   | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless   | Clarity After:  | Clear | Artifacts: |
| Comments:     | TCLP METALS |                 |       |            |

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

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267  
**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

---

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV35     | Mercury | 4.01           | 4.0        | 100           | 90 - 110                  | CV | 06/12/2025       | 10:12            | LB136124      |

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**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** PLASMA-PURE

---

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV30     | Mercury | 4.64           | 5.0        | 93            | 90 - 110                  | CV | 06/12/2025       | 10:16            | LB136124      |
| CCV31     | Mercury | 5.04           | 5.0        | 101           | 90 - 110                  | CV | 06/12/2025       | 10:50            | LB136124      |
| CCV32     | Mercury | 4.71           | 5.0        | 94            | 90 - 110                  | CV | 06/12/2025       | 11:17            | LB136124      |
| CCV33     | Mercury | 4.79           | 5.0        | 96            | 90 - 110                  | CV | 06/12/2025       | 11:38            | LB136124      |
| CCV34     | Mercury | 4.89           | 5.0        | 98            | 90 - 110                  | CV | 06/12/2025       | 11:58            | LB136124      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

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| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 3730           | 4000       | 93            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Barium   | 7690           | 8000       | 96            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Cadmium  | 1850           | 2000       | 92            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Chromium | 765            | 800        | 96            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Lead     | 3710           | 4000       | 93            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Selenium | 3770           | 4000       | 94            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |
|           | Silver   | 940            | 1000       | 94            | 90 - 110                  | P | 06/11/2025       | 13:53            | LB136119      |

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**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: PARSONS Engineering of New York, Inc.      SDG No.: Q2267

Contract: PARS02      Lab Code: CHEM      Case No.: Q2267      SAS No.: Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

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| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Arsenic  | 20.1           | 20.0       | 100           | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Barium   | 92.8           | 100        | 93            | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Cadmium  | 4.84           | 6.0        | 81            | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Chromium | 9.73           | 10.0       | 97            | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Lead     | 10.8           | 12.0       | 90            | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Selenium | 20.8           | 20.0       | 104           | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |
|           | Silver   | 9.82           | 10.0       | 98            | 80 - 120                  | P | 06/11/2025       | 13:57            | LB136119      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267

**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267

**Initial Calibration Source:** EPA

**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 4970           | 5000       | 99            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Barium   | 10000          | 10000      | 100           | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Cadmium  | 2420           | 2500       | 97            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Chromium | 991            | 1000       | 99            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Lead     | 4910           | 5000       | 98            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Selenium | 4970           | 5000       | 99            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
|           | Silver   | 1240           | 1250       | 99            | 90 - 110                  | P | 06/11/2025       | 14:42            | LB136119      |
| CCV02     | Arsenic  | 4770           | 5000       | 95            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Barium   | 9770           | 10000      | 98            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Cadmium  | 2430           | 2500       | 97            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Chromium | 963            | 1000       | 96            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Lead     | 4870           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Selenium | 4780           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
|           | Silver   | 1210           | 1250       | 96            | 90 - 110                  | P | 06/11/2025       | 16:33            | LB136119      |
| CCV03     | Arsenic  | 4820           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Barium   | 9760           | 10000      | 98            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Chromium | 946            | 1000       | 95            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Lead     | 4890           | 5000       | 98            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Selenium | 4850           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
|           | Silver   | 1190           | 1250       | 95            | 90 - 110                  | P | 06/11/2025       | 17:27            | LB136119      |
| CCV04     | Arsenic  | 4860           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Barium   | 9950           | 10000      | 100           | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Chromium | 959            | 1000       | 96            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Lead     | 4920           | 5000       | 98            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Selenium | 4900           | 5000       | 98            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
|           | Silver   | 1220           | 1250       | 98            | 90 - 110                  | P | 06/11/2025       | 18:21            | LB136119      |
| CCV05     | Arsenic  | 4810           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
|           | Barium   | 9920           | 10000      | 99            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
|           | Cadmium  | 2400           | 2500       | 96            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
|           | Chromium | 950            | 1000       | 95            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
|           | Lead     | 4840           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
|           | Selenium | 4840           | 5000       | 97            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: PARSONS Engineering of New York, Inc. SDG No.: Q2267

Contract: PARS02 Lab Code: CHEM Case No.: Q2267 SAS No.: Q2267

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 06/11/2025       | 19:09            | LB136119      |
| CCV06     | Arsenic  | 4810           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Barium   | 9790           | 10000      | 98            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Cadmium  | 2450           | 2500       | 98            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Chromium | 967            | 1000       | 97            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Lead     | 4930           | 5000       | 99            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Selenium | 4810           | 5000       | 96            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |
|           | Silver   | 1210           | 1250       | 97            | 90 - 110                  | P | 06/11/2025       | 20:06            | LB136119      |



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Fax : 908 789 8922

**Metals**

**- 2b -**

**CRDL STANDARD FOR AA & ICP**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Initial Calibration Source:** \_\_\_\_\_

**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID    | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|--------------|----------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| <b>CRI01</b> | Arsenic  | 18.7           | 20.0               | 94            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Barium   | 89.9           | 100                | 90            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Cadmium  | 4.63           | 6.0                | 77            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Chromium | 9.42           | 10.0               | 94            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Lead     | 9.92           | 12.0               | 83            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Selenium | 20.1           | 20.0               | 101           | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
|              | Silver   | 9.93           | 10.0               | 99            | 65 - 135                  | P  | 06/11/2025       | 14:07            | LB136119      |
| <b>CRA</b>   | Mercury  | 0.19           | 0.2                | 93            | 70 - 130                  | CV | 06/12/2025       | 10:21            | LB136124      |



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Fax : 908 789 8922

### Metals

- 3a -

#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Contract: PARS02

Lab Code: CHEM

Case No.: Q2267

SAS No.: Q2267

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| ICB35     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 10:14            | LB136124      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB30     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 10:19            | LB136124      |
| CCB31     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 10:52            | LB136124      |
| CCB32     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 11:20            | LB136124      |
| CCB33     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 11:40            | LB136124      |
| CCB34     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/12/2025       | 12:01            | LB136124      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 14:03            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 14:03            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 14:03            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 14:03            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 14:03            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 14:03            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 14:03            | LB136119      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2267

Contract: PARS02

Lab Code: CHEM

Case No.: Q2267

SAS No.: Q2267

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB01     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 14:46            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 14:46            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 14:46            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 14:46            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 14:46            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 14:46            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 14:46            | LB136119      |
| CCB02     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 16:44            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 16:44            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 16:44            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 16:44            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 16:44            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 16:44            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 16:44            | LB136119      |
| CCB03     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 17:34            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 17:34            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 17:34            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 17:34            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 17:34            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 17:34            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 17:34            | LB136119      |
| CCB04     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 18:25            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 18:25            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 18:25            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 18:25            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 18:25            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 18:25            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 18:25            | LB136119      |
| CCB05     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 19:14            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 19:14            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 19:14            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 19:14            | LB136119      |
|           | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 19:14            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 19:14            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 19:14            | LB136119      |
| CCB06     | Arsenic  | 5.12           | +/-10               | U            | 20.0 | P | 06/11/2025       | 20:11            | LB136119      |
|           | Barium   | 14.6           | +/-50               | U            | 100  | P | 06/11/2025       | 20:11            | LB136119      |
|           | Cadmium  | 0.50           | +/-3                | U            | 6.00 | P | 06/11/2025       | 20:11            | LB136119      |
|           | Chromium | 2.12           | +/-5                | U            | 10.0 | P | 06/11/2025       | 20:11            | LB136119      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB06     | Lead     | 2.30           | +/-6                | U            | 12.0 | P | 06/11/2025       | 20:11            | LB136119      |
|           | Selenium | 9.64           | +/-10               | U            | 20.0 | P | 06/11/2025       | 20:11            | LB136119      |
|           | Silver   | 1.62           | +/-5                | U            | 10.0 | P | 06/11/2025       | 20:11            | LB136119      |



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

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
|-----------|---------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB168390TB</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168425</b> |    | <b>Prep Date:</b> | <b>06/11/2025</b> |          |
|                   | Mercury | 0.76             | <2                  | U                    | 2.00            | CV | 06/12/2025        | 11:47             | LB136124 |
| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB168425BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168425</b> |    | <b>Prep Date:</b> | <b>06/11/2025</b> |          |
|                   | Mercury | 0.076            | <0.2                | U                    | 0.20            | CV | 06/12/2025        | 10:54             | LB136124 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Instrument:** P4

| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|----------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB168390TB</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168423</b> |   | <b>Prep Date:</b> | <b>06/11/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 06/11/2025        | 18:42             | LB136119 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 06/11/2025        | 18:42             | LB136119 |
| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB168423BL</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB168423</b> |   | <b>Prep Date:</b> | <b>06/11/2025</b> |          |
|                   | Arsenic  | 25.6             | <50                 | U                    | 100             | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Barium   | 72.8             | <250                | U                    | 500             | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Cadmium  | 2.50             | <15                 | U                    | 30.0            | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Chromium | 10.6             | <25                 | U                    | 50.0            | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Lead     | 11.5             | <30                 | U                    | 60.0            | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Selenium | 48.2             | <50                 | U                    | 100             | P | 06/11/2025        | 18:33             | LB136119 |
|                   | Silver   | 8.10             | <25                 | U                    | 50.0            | P | 06/11/2025        | 18:33             | LB136119 |

**Metals**

- 4 -

**INTERFERENCE CHECK SAMPLE**

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267  
**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267  
**ICS Source:** EPA **Instrument ID:** P4

| Sample ID      | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|----------------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Arsenic  | 5.34           |                    |               | -20                    | 20                      | 06/11/2025       | 14:14            | LB136119      |
|                | Barium   | -5.25          | 6.0                | 88            | -94                    | 106                     | 06/11/2025       | 14:14            | LB136119      |
|                | Cadmium  | 3.57           | 1.0                | 357           | -5                     | 7                       | 06/11/2025       | 14:14            | LB136119      |
|                | Chromium | 44.3           | 52.0               | 85            | 42                     | 62                      | 06/11/2025       | 14:14            | LB136119      |
|                | Lead     | -2.25          |                    |               | -12                    | 12                      | 06/11/2025       | 14:14            | LB136119      |
|                | Selenium | 13.7           |                    |               | -20                    | 20                      | 06/11/2025       | 14:14            | LB136119      |
|                | Silver   | -1.50          |                    |               | -10                    | 10                      | 06/11/2025       | 14:14            | LB136119      |
| <b>ICSAB01</b> | Arsenic  | 96.7           | 104                | 93            | 88.4                   | 120                     | 06/11/2025       | 14:27            | LB136119      |
|                | Barium   | 477            | 537                | 89            | 437                    | 637                     | 06/11/2025       | 14:27            | LB136119      |
|                | Cadmium  | 923            | 972                | 95            | 826                    | 1120                    | 06/11/2025       | 14:27            | LB136119      |
|                | Chromium | 506            | 542                | 93            | 460                    | 624                     | 06/11/2025       | 14:27            | LB136119      |
|                | Lead     | 42.5           | 49.0               | 87            | 37                     | 61                      | 06/11/2025       | 14:27            | LB136119      |
|                | Selenium | 59.1           | 46.0               | 128           | 26                     | 66                      | 06/11/2025       | 14:27            | LB136119      |
|                | Silver   | 201            | 201                | 100           | 170                    | 232                     | 06/11/2025       | 14:27            | LB136119      |



# METAL QC DATA

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2267  
**contract:** PARS02    **lab code:** CHEM    **case no.:** Q2267    **sas no.:** Q2267  
**matrix:** Water    **sample id:** Q2267-01    **client id:** WC-20250605MS  
**Percent Solids for Sample:** NA    **Spiked ID:** Q2267-01MS    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Arsenic  | ug/L  | 75 - 125               | 3850             |   | 100              | U | 4000           | 96            |      | P |
| Barium   | ug/L  | 75 - 125               | 963              |   | 500              | U | 1000           | 96            |      | P |
| Cadmium  | ug/L  | 75 - 125               | 927              |   | 30.0             | U | 1000           | 93            |      | P |
| Chromium | ug/L  | 75 - 125               | 1910             |   | 50.0             | U | 2000           | 96            |      | P |
| Lead     | ug/L  | 75 - 125               | 4490             |   | 60.0             | U | 5000           | 90            |      | P |
| Selenium | ug/L  | 75 - 125               | 9380             |   | 100              | U | 10000          | 94            |      | P |
| Silver   | ug/L  | 75 - 125               | 353              |   | 50.0             | U | 380            | 93            |      | P |

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

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2267  
**contract:** PARS02    **lab code:** CHEM    **case no.:** Q2267    **sas no.:** Q2267  
**matrix:** Water    **sample id:** Q2267-01    **client id:** WC-20250605MSD  
**Percent Solids for Sample:** NA    **Spiked ID:** Q2267-01MSD    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Arsenic  | ug/L  | 75 - 125               | 4100          |   | 100              | U | 4000           | 102           |      | P |
| Barium   | ug/L  | 75 - 125               | 991           |   | 500              | U | 1000           | 99            |      | P |
| Cadmium  | ug/L  | 75 - 125               | 988           |   | 30.0             | U | 1000           | 99            |      | P |
| Chromium | ug/L  | 75 - 125               | 2060          |   | 50.0             | U | 2000           | 103           |      | P |
| Lead     | ug/L  | 75 - 125               | 4800          |   | 60.0             | U | 5000           | 96            |      | P |
| Selenium | ug/L  | 75 - 125               | 9970          |   | 100              | U | 10000          | 100           |      | P |
| Silver   | ug/L  | 75 - 125               | 379           |   | 50.0             | U | 380            | 100           |      | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                                             |                                   |                                                            |
|-------------------------------------------------------------|-----------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>PARSONS Engineering of New York, Inc.</u> | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q2267</u>                               |
| <b>contract:</b> <u>PARS02</u>                              | <b>lab code:</b> <u>CHEM</u>      | <b>case no.:</b> <u>Q2267</u> <b>sas no.:</b> <u>Q2267</u> |
| <b>matrix:</b> <u>Water</u>                                 | <b>sample id:</b> <u>Q2285-05</u> | <b>client id:</b> <u>HAM-CONCRETEMS</u>                    |
| <b>Percent Solids for Sample:</b> NA                        | <b>Spiked ID:</b> Q2285-05MS      | <b>Percent Solids for Spike Sample:</b> NA                 |

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 29.6             |   | 2.00             | U | 40.0           | 74            | N    | CV |

metals

- 5a -

**MATRIX SPIKE DUPLICATE SUMMARY**

**client:** PARSONS Engineering of New York, Inc.    **level:** low    **sdg no.:** Q2267  
**contract:** PARS02    **lab code:** CHEM    **case no.:** Q2267    **sas no.:** Q2267  
**matrix:** Water    **sample id:** Q2285-05    **client id:** HAM-CONCRETEMSD  
**Percent Solids for Sample:** NA    **Spiked ID:** Q2285-05MSD    **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 28.5          |   | 2.00             | U | 40.0           | 71            | N    | CV |

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

**Client:** PARSONS Engineering of New York, Inc. **SDG No.:** Q2267  
**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267  
**Matrix:** Water **Level:** LOW **Client ID:** HAM-CONCRETEA  
**Sample ID:** Q2285-05 **Spiked ID:** Q2285-05A

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | ug/L  | 75 - 125               | 32.4             |   | 2.00             | U | 40.0           | 81            |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267  
**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267  
**Matrix:** Water **Sample ID:** Q2267-01 **Client ID:** WC-20250605DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q2267-01DUP **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Arsenic  | ug/L  | 20               | 100           | U | 100              | U |     |      | P |
| Barium   | ug/L  | 20               | 500           | U | 500              | U |     |      | P |
| Cadmium  | ug/L  | 20               | 30.0          | U | 30.0             | U |     |      | P |
| Chromium | ug/L  | 20               | 50.0          | U | 50.0             | U |     |      | P |
| Lead     | ug/L  | 20               | 60.0          | U | 60.0             | U |     |      | P |
| Selenium | ug/L  | 20               | 100           | U | 100              | U |     |      | P |
| Silver   | ug/L  | 20               | 50.0          | U | 50.0             | U |     |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **Level:** LOW    **SDG No.:** Q2267  
**Contract:** PARS02    **Lab Code:** CHEM    **Case No.:** Q2267    **SAS No.:** Q2267  
**Matrix:** Water    **Sample ID:** Q2267-01MS    **Client ID:** WC-20250605MSD  
**Percent Solids for Sample:** NA    **Duplicate ID** Q2267-01MSD    **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Arsenic  | ug/L  | 20               | 3850          |   | 4100             |   | 6   |      | P |
| Barium   | ug/L  | 20               | 963           |   | 991              |   | 3   |      | P |
| Cadmium  | ug/L  | 20               | 927           |   | 988              |   | 6   |      | P |
| Chromium | ug/L  | 20               | 1910          |   | 2060             |   | 8   |      | P |
| Lead     | ug/L  | 20               | 4490          |   | 4800             |   | 7   |      | P |
| Selenium | ug/L  | 20               | 9380          |   | 9970             |   | 6   |      | P |
| Silver   | ug/L  | 20               | 353           |   | 379              |   | 7   |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc. **Level:** LOW **SDG No.:** Q2267  
**Contract:** PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267  
**Matrix:** Water **Sample ID:** Q2285-05 **Client ID:** HAM-CONCRETEDUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q2285-05DUP **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | ug/L  | 20               | 2.00          | U | 2.00             | U |     |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.    **Level:** LOW    **SDG No.:** Q2267  
**Contract:** PARS02    **Lab Code:** CHEM    **Case No.:** Q2267    **SAS No.:** Q2267  
**Matrix:** Water    **Sample ID:** Q2285-05MS    **Client ID:** HAM-CONCRETEMSD  
**Percent Solids for Sample:** NA    **Duplicate ID** Q2285-05MSD    **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | ug/L  | 20                  | 29.6             |   | 28.5                |   | 4   |      | CV |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168423BS |       |            |        |   |               |                      |   |
| Arsenic    | ug/L  | 4000       | 3790   |   | 95            | 80 - 120             | P |
| Barium     | ug/L  | 1000       | 871    |   | 87            | 80 - 120             | P |
| Cadmium    | ug/L  | 1000       | 954    |   | 95            | 80 - 120             | P |
| Chromium   | ug/L  | 2000       | 1910   |   | 96            | 80 - 120             | P |
| Lead       | ug/L  | 5000       | 4780   |   | 96            | 80 - 120             | P |
| Selenium   | ug/L  | 10000      | 9600   |   | 96            | 80 - 120             | P |
| Silver     | ug/L  | 380        | 359    |   | 94            | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB168425BS<br>Mercury | ug/L  | 4.0        | 3.68   |   | 92            | 80 - 120             | CV |

**Metals**  
**-9 -**  
**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

WC-20250605L

**Lab Name:** Chemtech Consulting Group

**Contract:** PARS02

**Lab Code:** CHEM **Lb No.:** lb136119

**Lab Sample ID :** Q2267-01L **SDG No.:** Q2267

**Matrix (soil/water):** Water

**Level (low/med):** LOW

**Concentration Units:** ug/L

| Analyte  | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Difference | Q | M |
|----------|---------------------------|---|----------------------------|---|--------------|---|---|
|          |                           | C |                            | C |              |   |   |
| Arsenic  | 100                       | U | 500                        | U |              |   | P |
| Barium   | 500                       | U | 2500                       | U |              |   | P |
| Cadmium  | 30.0                      | U | 150                        | U |              |   | P |
| Chromium | 50.0                      | U | 250                        | U |              |   | P |
| Lead     | 60.0                      | U | 300                        | U |              |   | P |
| Selenium | 100                       | U | 500                        | U |              |   | P |
| Silver   | 50.0                      | U | 250                        | U |              |   | P |

**Metals**

**-9 -**

**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

HAM-CONCRETEL

**Lab Name:** Chemtech Consulting Group

**Contract:** PARS02

**Lab Code:** CHEM

**Lb No.:** lb136124

**Lab Sample ID :** Q2285-05L

**SDG No.:** Q2267

**Matrix (soil/water):** Water

**Level (low/med):** LOW

**Concentration Units:** ug/L

| Analyte | Initial Sample<br>Result (I)<br>C | Serial Dilution<br>Result (S)<br>C | % Differ-<br>ence | Q | M  |
|---------|-----------------------------------|------------------------------------|-------------------|---|----|
| Mercury | 2.00 U                            | 10.0 U                             |                   |   | CV |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |            |           |           |
|----------|-------------------------|------------------------------------------|-----------|------------|-----------|-----------|
|          |                         | Al                                       | Ca        | Fe         | Mg        | Ag        |
| 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 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000930  | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380  | 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 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | As                                       | Ba        | Be        | Cd        | Co         |
| 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  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0003170 | 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  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | Cr                                       | Cu        | K         | Mn        | Mo         |
| 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  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| 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 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |           |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|-----------|
|          |                         | Na                                       | Ni        | Pb        | Sb        | Se        |
| 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 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| 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 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Case No.:** Q2267

**SAS No.:** Q2267

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|          |                         | Sn                                       | Ti         | Tl        | V         | Zn        |
| 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 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | -0.0003610 | 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 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Method:**

**Case No.:** Q2267 **SAS No.:** Q2267

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB168423</b> |                |             |        |            |                         |                          |                |
| PB168390TB                    | PB168390TB     | MB          | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| PB168423BL                    | PB168423BL     | MB          | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| PB168423BS                    | PB168423BS     | LCS         | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| Q2267-01                      | WC-20250605    | SAM         | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| Q2267-01DUP                   | WC-20250605DUP | DUP         | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| Q2267-01MS                    | WC-20250605MS  | MS          | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |
| Q2267-01MSD                   | WC-20250605MSD | MSD         | WATER  | 06/11/2025 | 5.0                     | 25.0                     |                |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

**Client:** PARSONS Engineering of New York, Inc.

**SDG No.:** Q2267

**Contract:** PARS02

**Lab Code:** CHEM

**Method:** \_\_\_\_\_

**Case No.:** Q2267      **SAS No.:** Q2267

| Sample ID                     | Client ID       | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-----------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB168425</b> |                 |             |        |            |                         |                          |                |
| PB168390TB                    | PB168390TB      | MB          | WATER  | 06/11/2025 | 3.0                     | 30.0                     |                |
| PB168425BL                    | PB168425BL      | MB          | WATER  | 06/11/2025 | 30.0                    | 30.0                     |                |
| PB168425BS                    | PB168425BS      | LCS         | WATER  | 06/11/2025 | 30.0                    | 30.0                     |                |
| Q2267-01                      | WC-20250605     | SAM         | WATER  | 06/11/2025 | 3.0                     | 30.0                     |                |
| Q2285-05DUP                   | HAM-CONCRETEDUP | DUP         | WATER  | 06/11/2025 | 3.0                     | 30.0                     |                |
| Q2285-05MS                    | HAM-CONCRETEMS  | MS          | WATER  | 06/11/2025 | 3.0                     | 30.0                     |                |
| Q2285-05MSD                   | HAM-CONCRETEMSD | MSD         | WATER  | 06/11/2025 | 3.0                     | 30.0                     |                |

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

**Client:** PARSONS Engineering of New York, Inc.

**Contract:** PARS02

**Lab code:** CHEM **Case no.:** Q2267 **Sas no.:** Q2267

**Sdg no.:** Q2267

**Instrument id number:**                      **Method:**                     

**Run number:** LB136119

**Start date:** 06/11/2025 **End date:** 06/11/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list       |
|----------------|------------------|-----|------|----------------------|
| S0             | S0               | 1   | 1236 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S1             | S1               | 1   | 1241 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S2             | S2               | 1   | 1245 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S3             | S3               | 1   | 1249 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S4             | S4               | 1   | 1253 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S5             | S5               | 1   | 1258 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICV01          | ICV01            | 1   | 1353 | Ag,As,Ba,Cd,Cr,Pb,Se |
| LLICV01        | LLICV01          | 1   | 1357 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICB01          | ICB01            | 1   | 1403 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CRI01          | CRI01            | 1   | 1407 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSA01         | ICSA01           | 1   | 1414 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSAB01        | ICSAB01          | 1   | 1427 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV01          | CCV01            | 1   | 1442 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB01          | CCB01            | 1   | 1446 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV02          | CCV02            | 1   | 1633 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB02          | CCB02            | 1   | 1644 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV03          | CCV03            | 1   | 1727 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB03          | CCB03            | 1   | 1734 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2267-01       | WC-20250605      | 1   | 1800 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2267-01DUP    | WC-20250605DUP   | 1   | 1804 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2267-01L      | WC-20250605L     | 5   | 1809 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2267-01MS     | WC-20250605MS    | 1   | 1813 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q2267-01MSD    | WC-20250605MSD   | 1   | 1817 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV04          | CCV04            | 1   | 1821 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB04          | CCB04            | 1   | 1825 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168423BL     | PB168423BL       | 1   | 1833 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168423BS     | PB168423BS       | 1   | 1838 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB168390TB     | PB168390TB       | 1   | 1842 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV05          | CCV05            | 1   | 1909 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB05          | CCB05            | 1   | 1914 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV06          | CCV06            | 1   | 2006 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB06          | CCB06            | 1   | 2011 | Ag,As,Ba,Cd,Cr,Pb,Se |

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

**Client:** PARSONS Engineering of New York, Inc.

**Contract:** PARS02

**Lab code:** CHEM **Case no.:** Q2267 **Sas no.:** Q2267

**Sdg no.:** Q2267

**Instrument id number:** \_\_\_\_\_ **Method:** \_\_\_\_\_

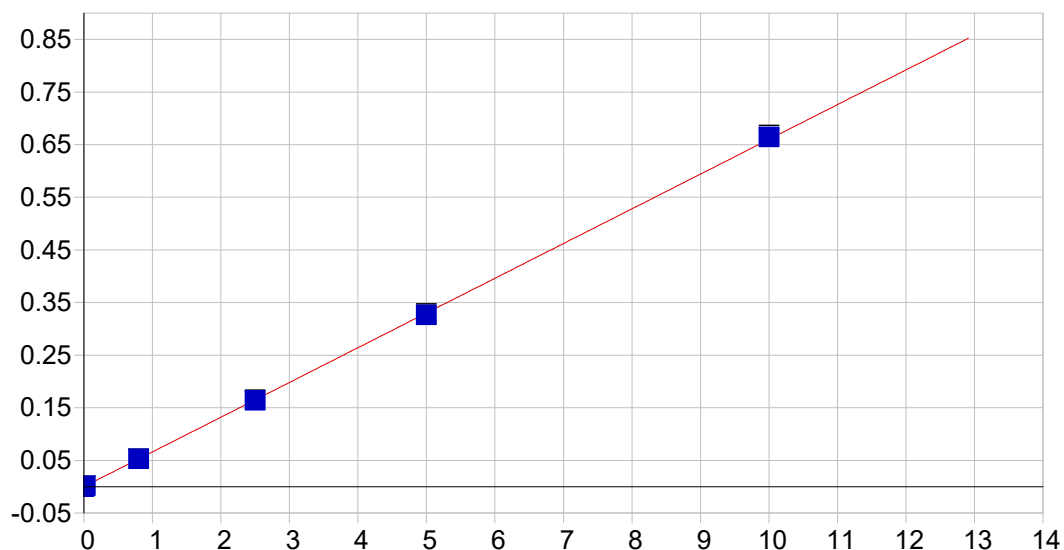
**Run number:** LB136124

**Start date:** 06/12/2025 **End date:** 06/12/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0952 | HG             |
| S0.2           | S0.2             | 1   | 0955 | HG             |
| S2.5           | S2.5             | 1   | 0957 | HG             |
| S5             | S5               | 1   | 0959 | HG             |
| S7.5           | S7.5             | 1   | 1001 | HG             |
| S10            | S10              | 1   | 1004 | HG             |
| ICV35          | ICV35            | 1   | 1012 | HG             |
| ICB35          | ICB35            | 1   | 1014 | HG             |
| CCV30          | CCV30            | 1   | 1016 | HG             |
| CCB30          | CCB30            | 1   | 1019 | HG             |
| CRA            | CRA              | 1   | 1021 | HG             |
| CCV31          | CCV31            | 1   | 1050 | HG             |
| CCB31          | CCB31            | 1   | 1052 | HG             |
| PB168425BL     | PB168425BL       | 1   | 1054 | HG             |
| PB168425BS     | PB168425BS       | 1   | 1057 | HG             |
| Q2267-01       | WC-20250605      | 1   | 1059 | HG             |
| CCV32          | CCV32            | 1   | 1117 | HG             |
| CCB32          | CCB32            | 1   | 1120 | HG             |
| Q2285-05DUP    | HAM-CONCRETEDUP  | 1   | 1126 | HG             |
| Q2285-05MS     | HAM-CONCRETEMS   | 1   | 1129 | HG             |
| Q2285-05MSD    | HAM-CONCRETEMSD  | 1   | 1131 | HG             |
| CCV33          | CCV33            | 1   | 1138 | HG             |
| CCB33          | CCB33            | 1   | 1140 | HG             |
| PB168390TB     | PB168390TB       | 1   | 1147 | HG             |
| Q2285-05L      | HAM-CONCRETEL    | 5   | 1154 | HG             |
| Q2285-05A      | HAM-CONCRETEA    | 1   | 1156 | HG             |
| CCV34          | CCV34            | 1   | 1158 | HG             |
| CCB34          | CCB34            | 1   | 1201 | HG             |



# METAL RAW DATA

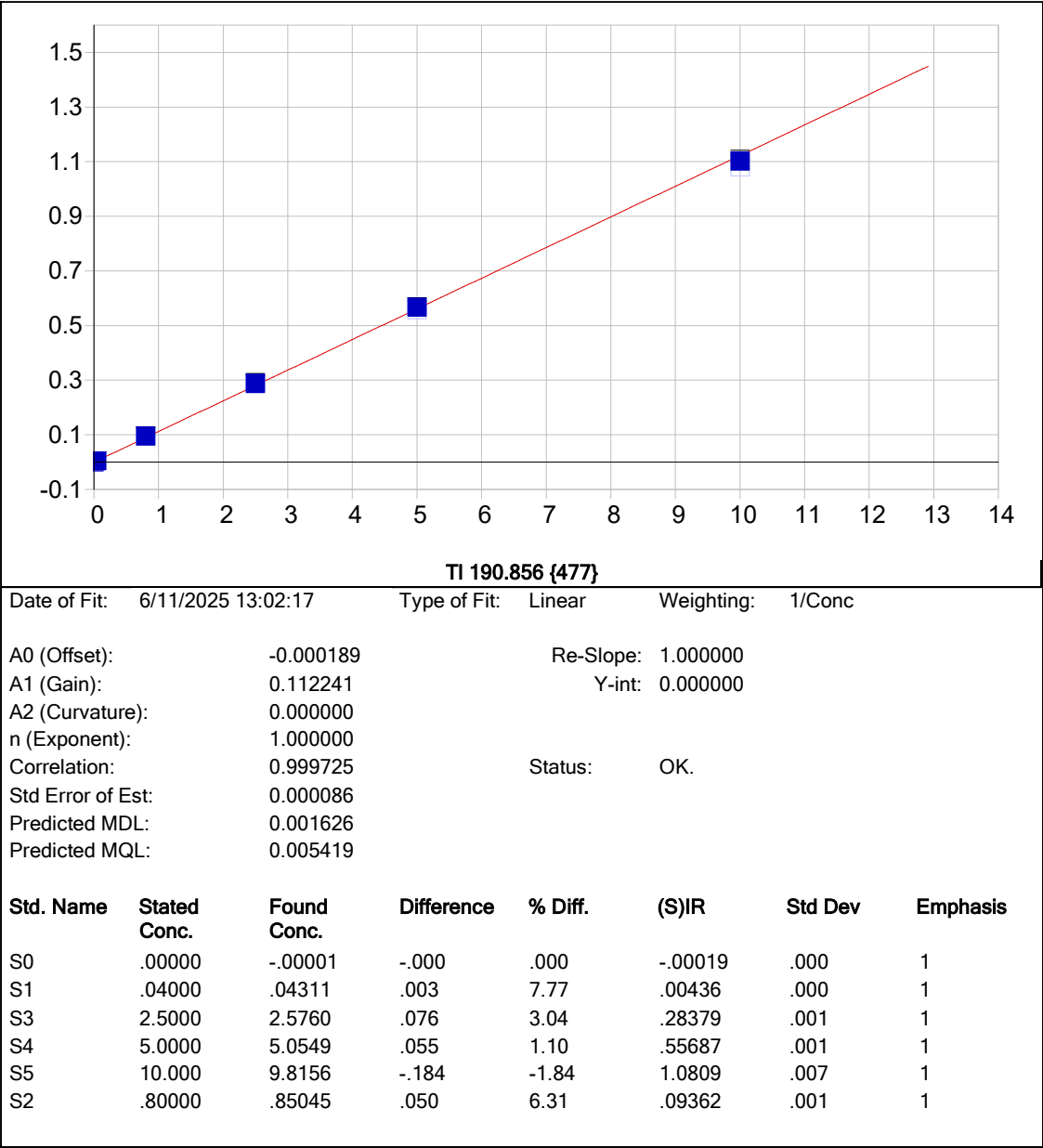


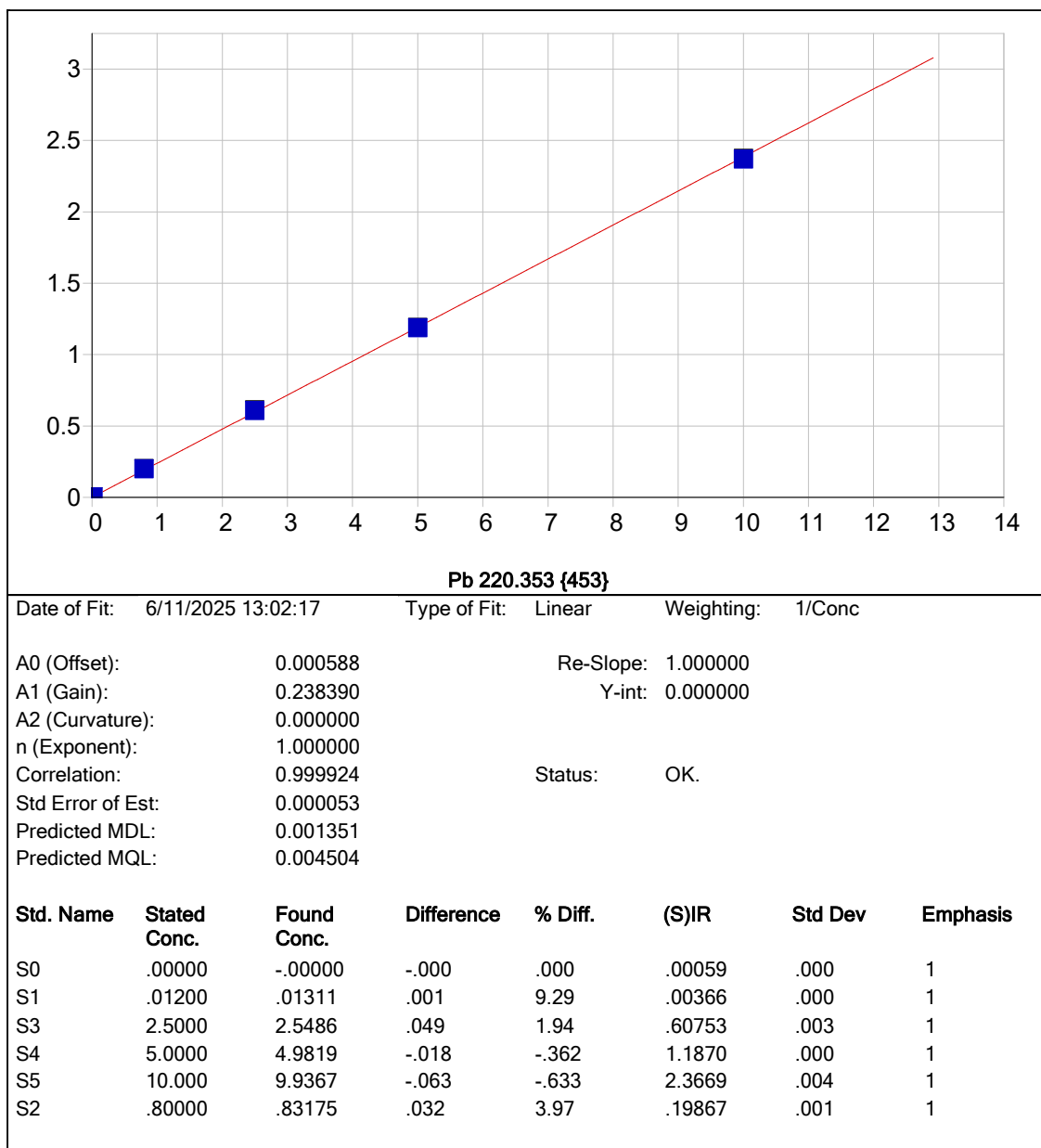
As 189.042 {479}

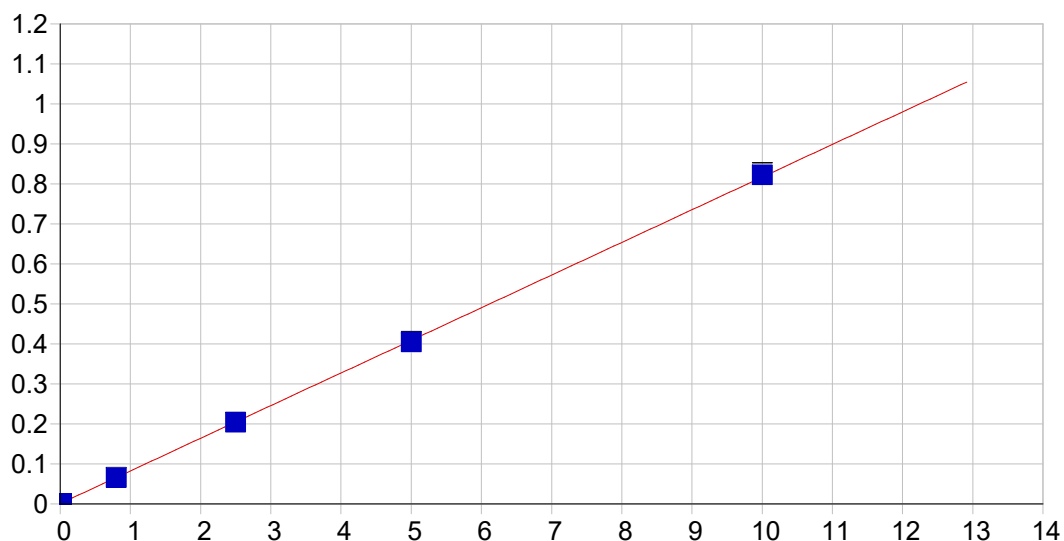
Date of Fit: 6/11/2025 13:02:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000053 Re-Slope: 1.000000  
A1 (Gain): 0.066005 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999963 Status: OK.  
Std Error of Est: 0.000013  
Predicted MDL: 0.002154  
Predicted MQL: 0.007181

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .02000       | .02142      | .001       | 7.09    | .00146 | .000    | 1        |
| S3        | 2.5000       | 2.4823      | -.018      | -.709   | .16372 | .001    | 1        |
| S4        | 5.0000       | 4.9456      | -.054      | -1.09   | .32613 | .002    | 1        |
| S5        | 10.000       | 10.073      | .073       | .726    | .66418 | .004    | 1        |
| S2        | .80000       | .79811      | -.002      | -.236   | .05267 | .000    | 1        |





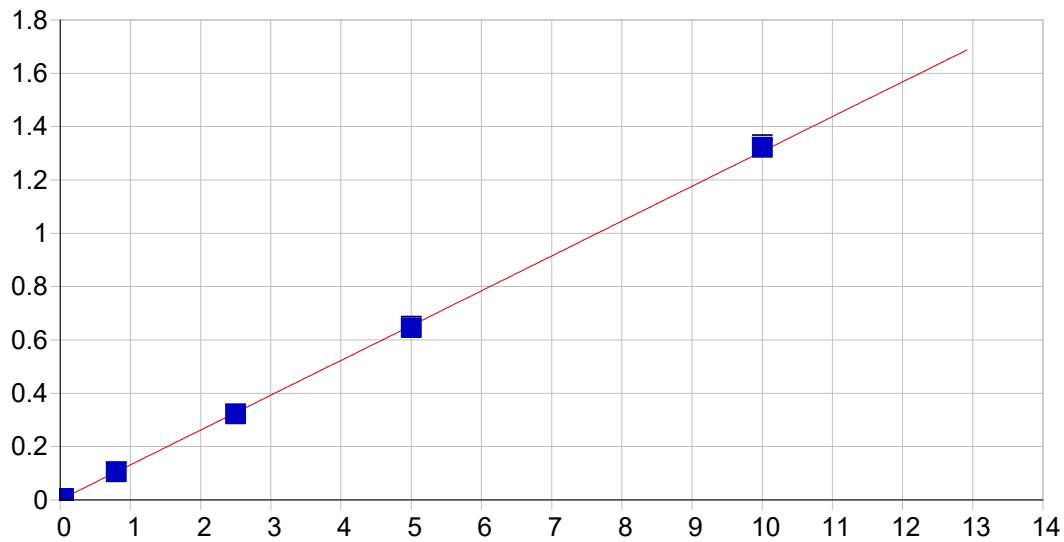


Se 196.090 {472}

Date of Fit: 6/11/2025 13:02:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000798 Re-Slope: 1.000000  
A1 (Gain): 0.081617 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999968 Status: OK.  
Std Error of Est: 0.000015  
Predicted MDL: 0.003303  
Predicted MQL: 0.011009

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00080 | .000    | 1        |
| S1        | .02000       | .01989      | -.000      | -.573   | .00242 | .000    | 1        |
| S3        | 2.5000       | 2.4868      | -.013      | -.527   | .20365 | .000    | 1        |
| S4        | 5.0000       | 4.9456      | -.054      | -1.09   | .40421 | .002    | 1        |
| S5        | 10.000       | 10.071      | .071       | .709    | .82228 | .006    | 1        |
| S2        | .80000       | .79675      | -.003      | -.406   | .06579 | .000    | 1        |

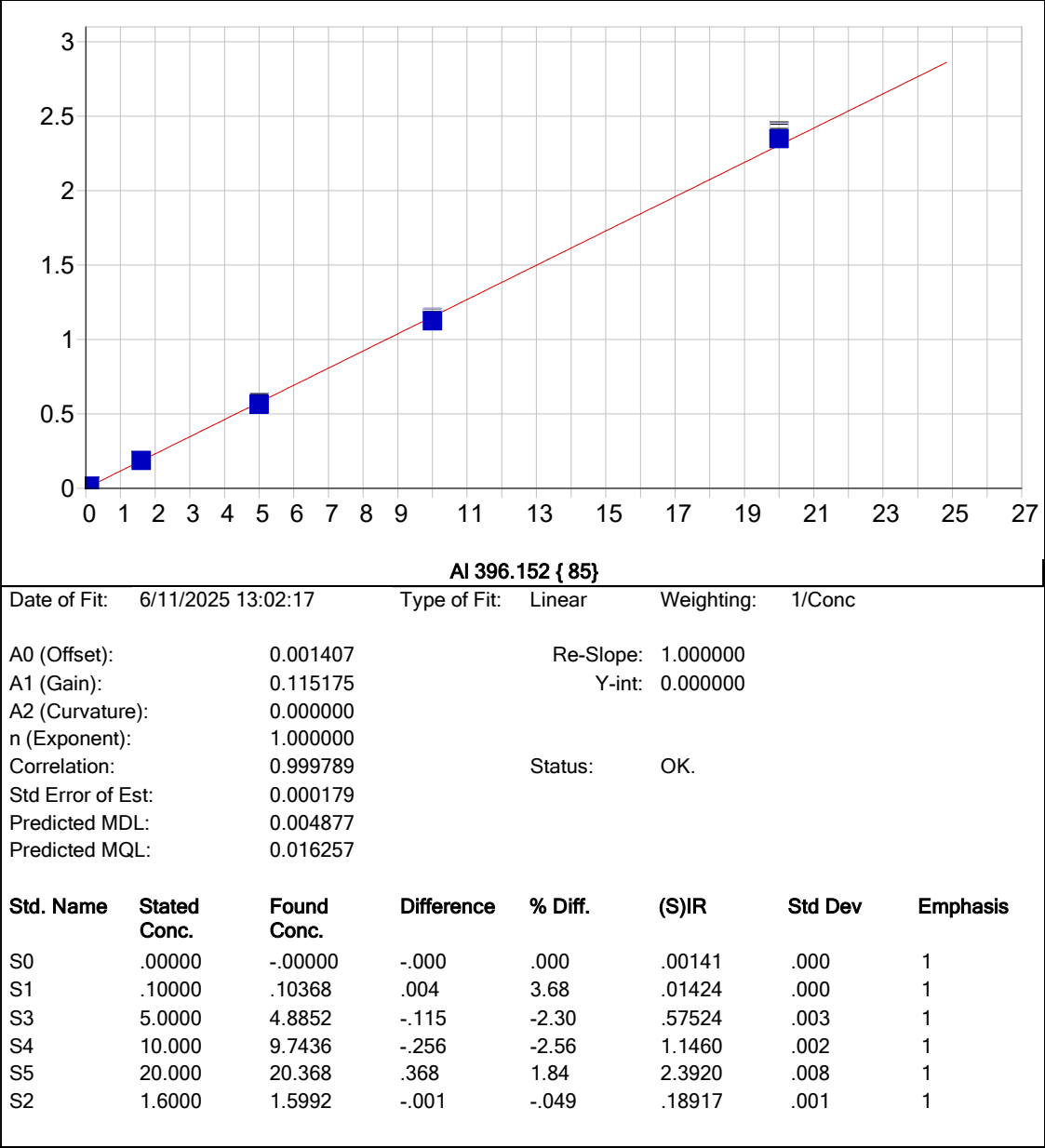


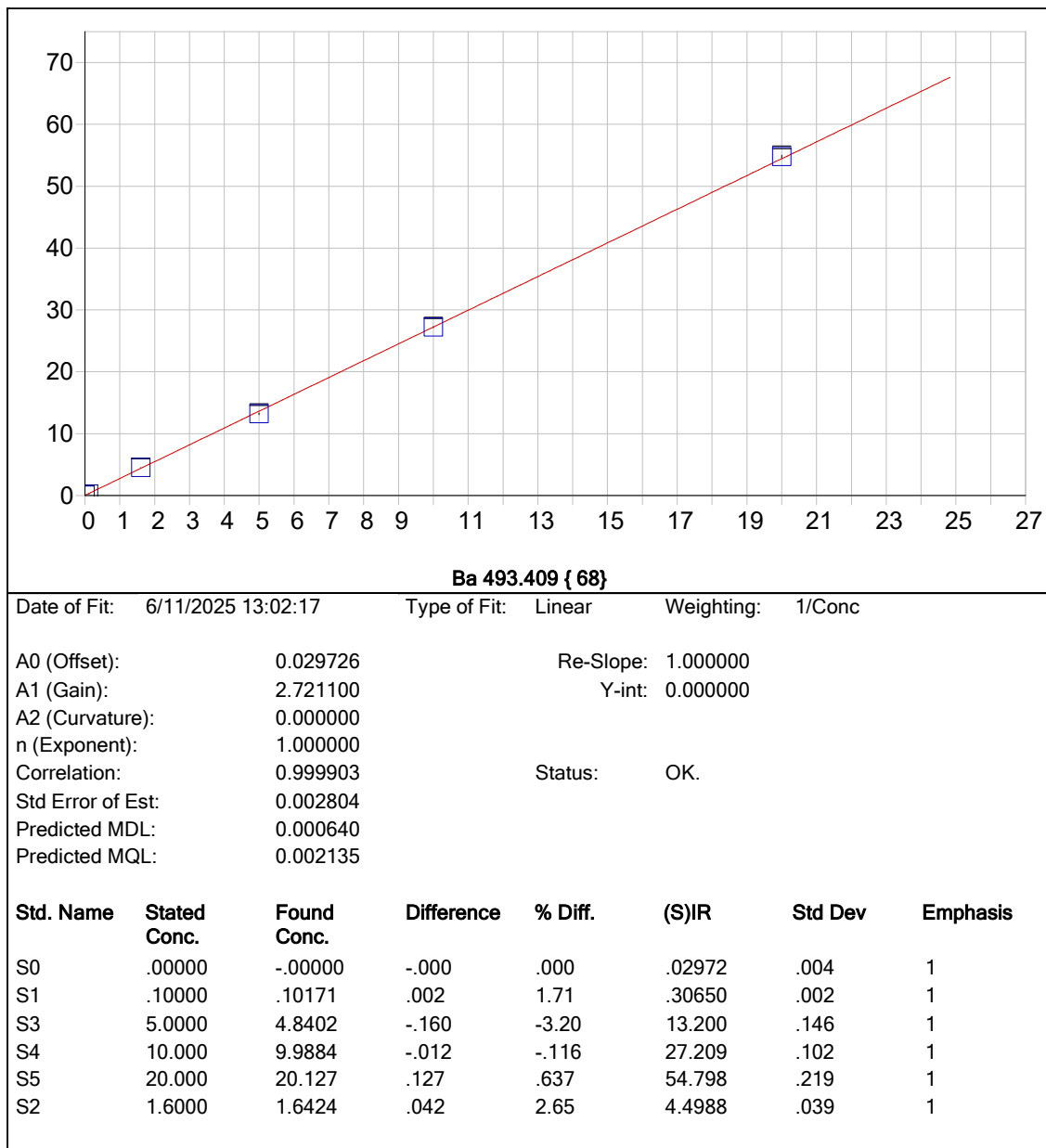
**Sb 206.833 {463}**

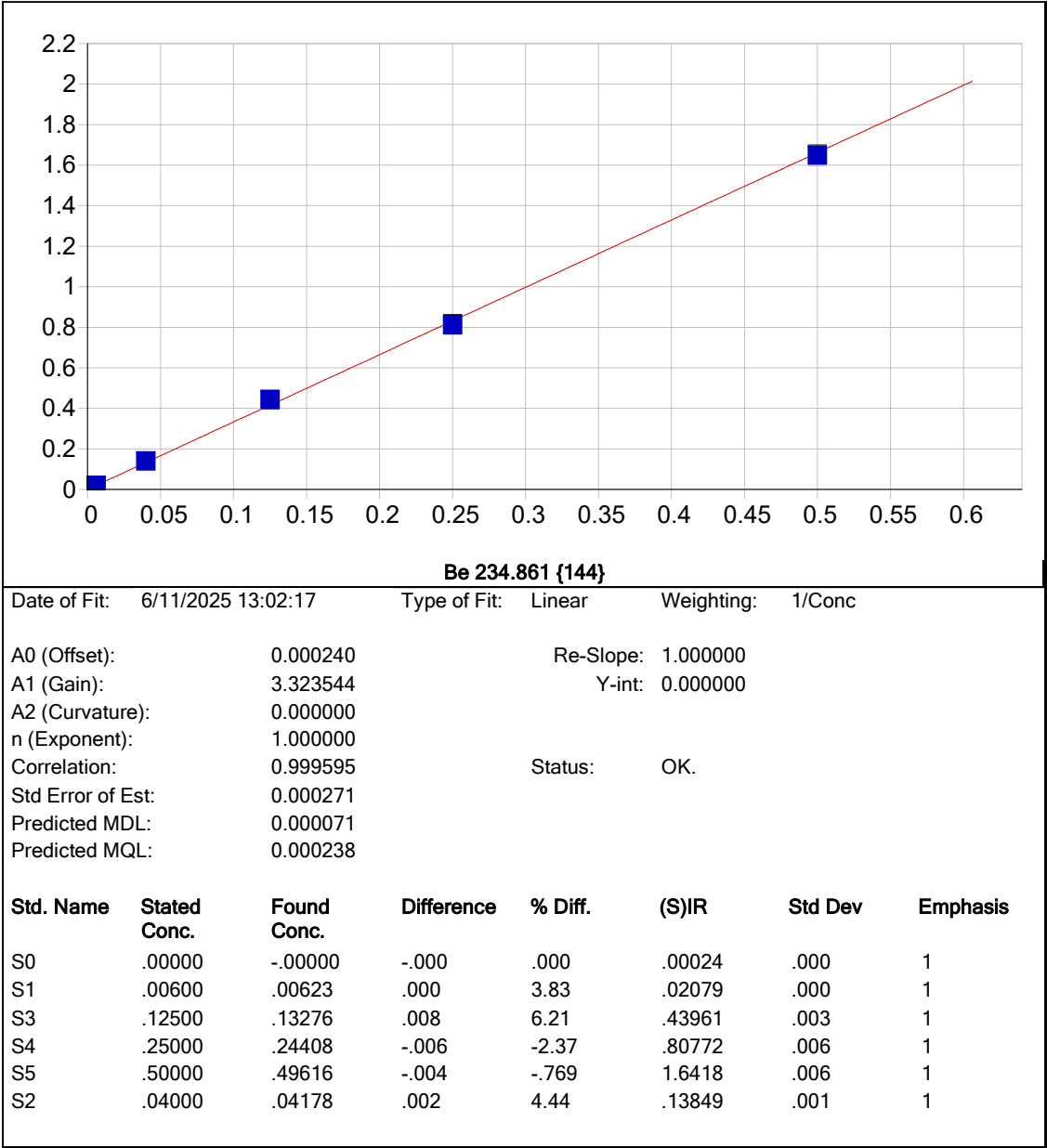
Date of Fit: 6/11/2025 13:02:17 Type of Fit: Linear Weighting: 1/Conc

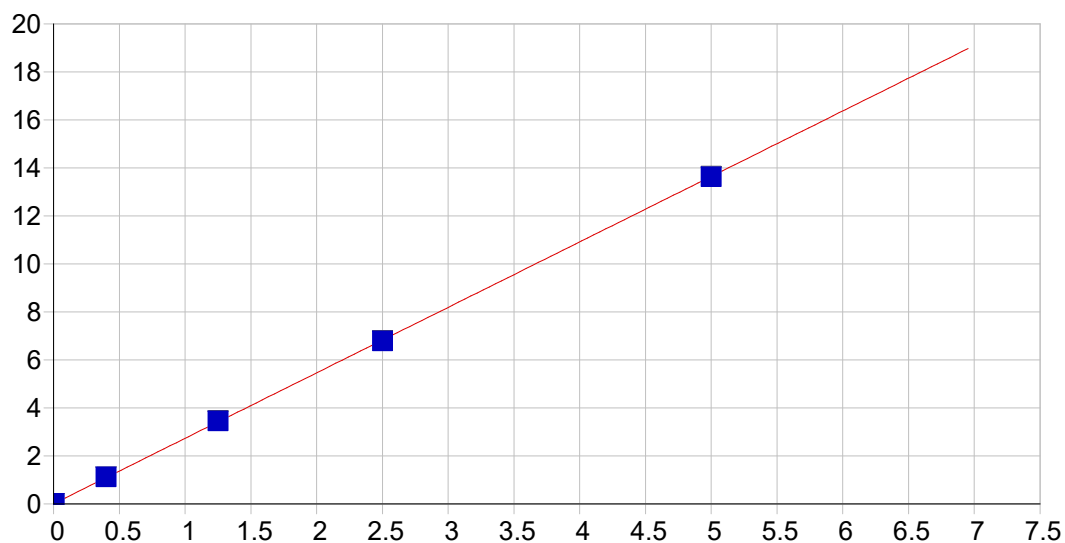
A0 (Offset): 0.000637 Re-Slope: 1.000000  
A1 (Gain): 0.130593 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999922 Status: OK.  
Std Error of Est: 0.000061  
Predicted MDL: 0.001873  
Predicted MQL: 0.006244

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00064 | .000    | 1        |
| S1        | .05000       | .05004      | .000       | .079    | .00719 | .000    | 1        |
| S3        | 2.5000       | 2.4570      | -.043      | -1.72   | .32240 | .000    | 1        |
| S4        | 5.0000       | 4.9356      | -.064      | -1.29   | .64697 | .005    | 1        |
| S5        | 10.000       | 10.113      | .113       | 1.13    | 1.3249 | .007    | 1        |
| S2        | .80000       | .79417      | -.006      | -.728   | .10463 | .001    | 1        |







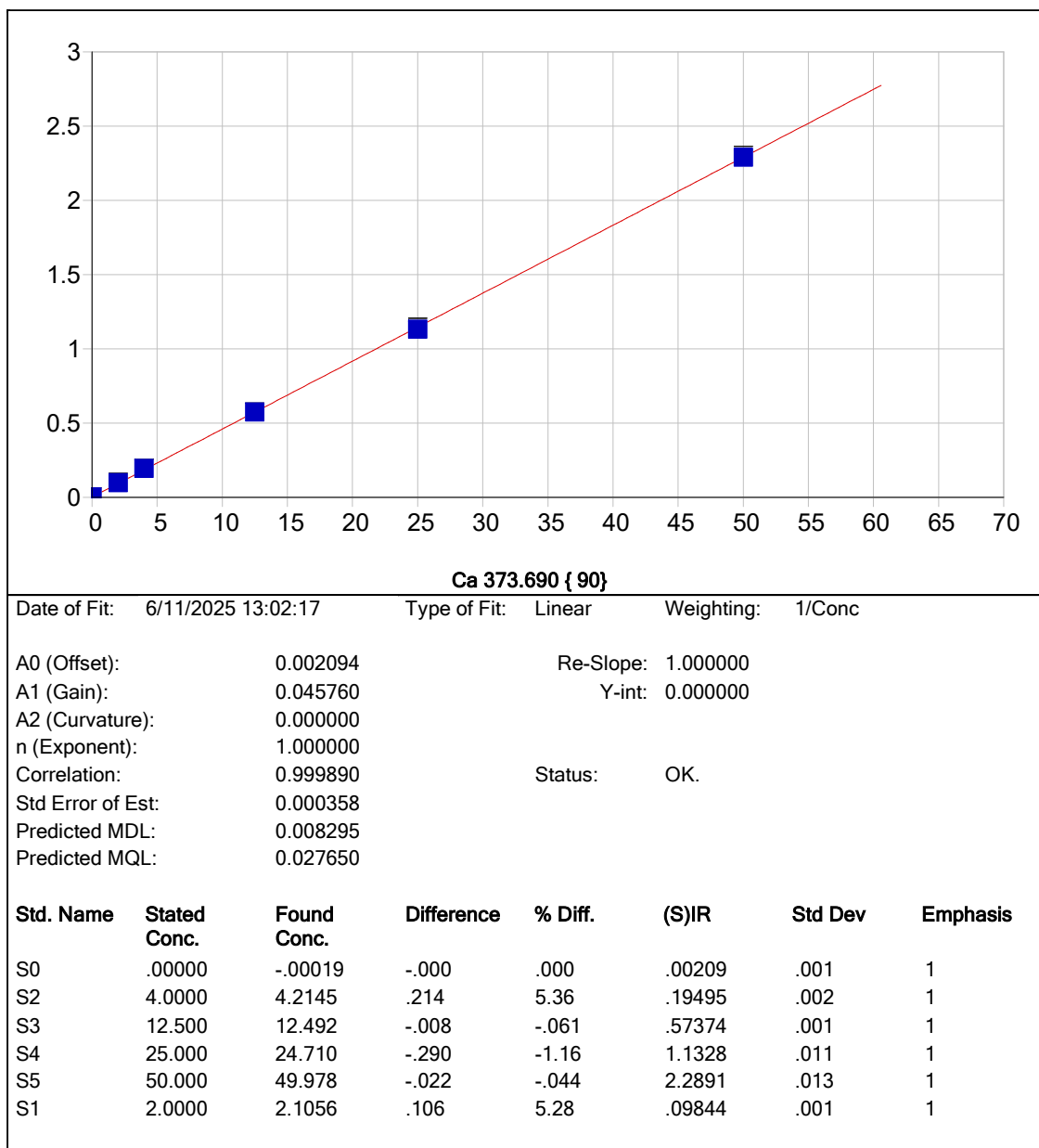


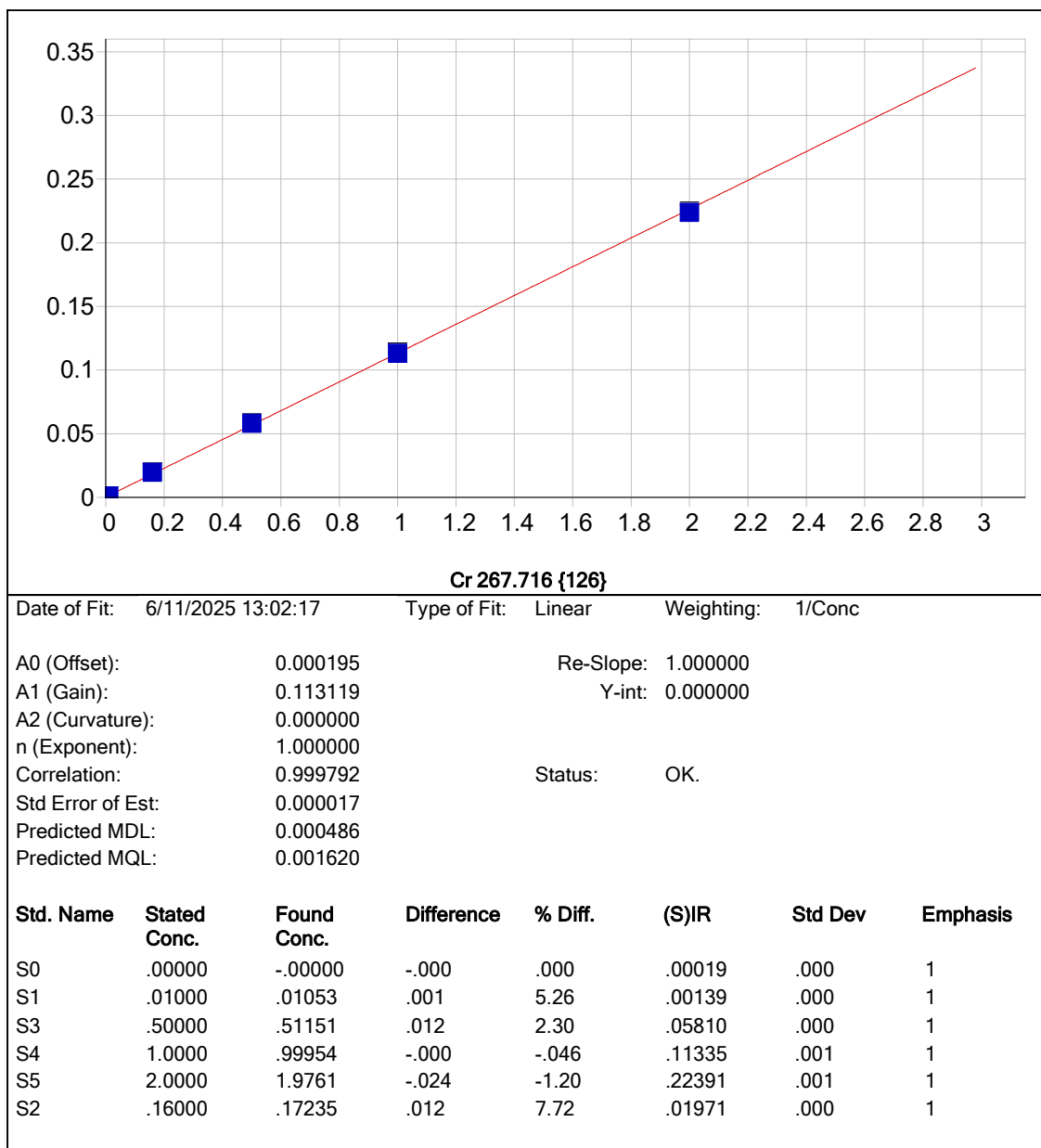
**Cd 226.502 {449}**

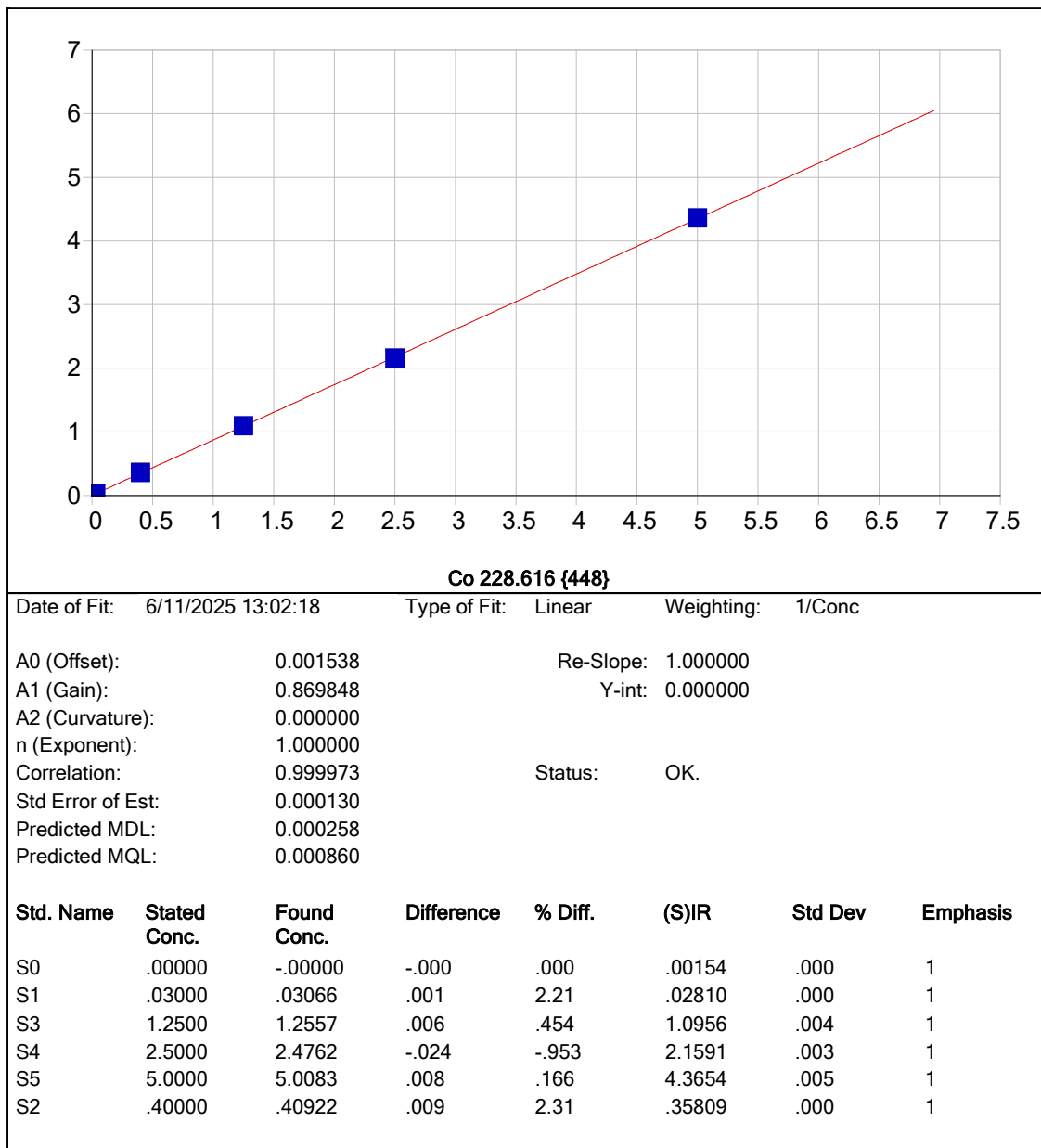
Date of Fit: 6/11/2025 13:02:17 Type of Fit: Linear Weighting: 1/Conc

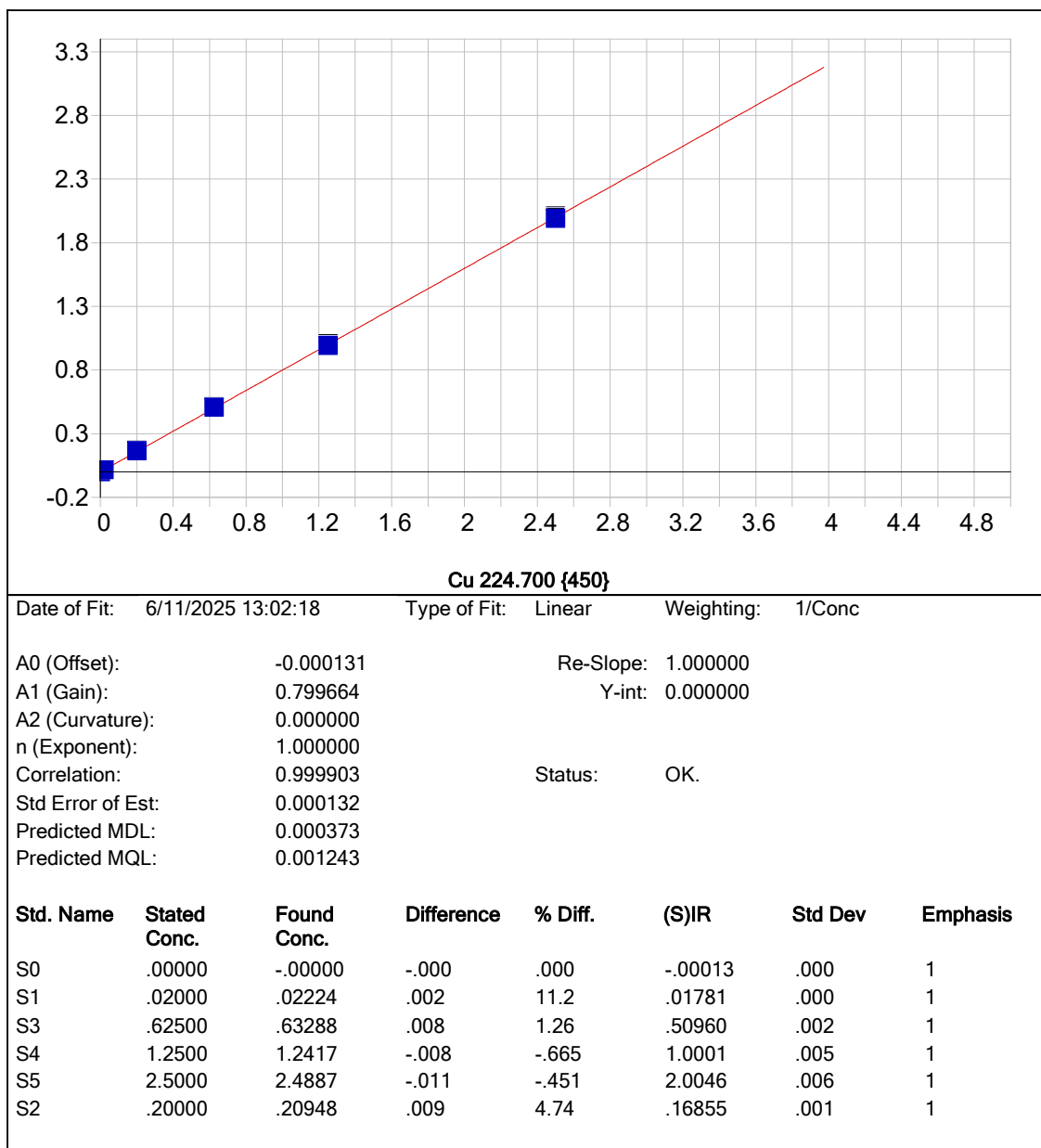
A0 (Offset): 0.004682 Re-Slope: 1.000000  
A1 (Gain): 2.728147 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999971 Status: OK.  
Std Error of Est: 0.000189  
Predicted MDL: 0.000097  
Predicted MQL: 0.000324

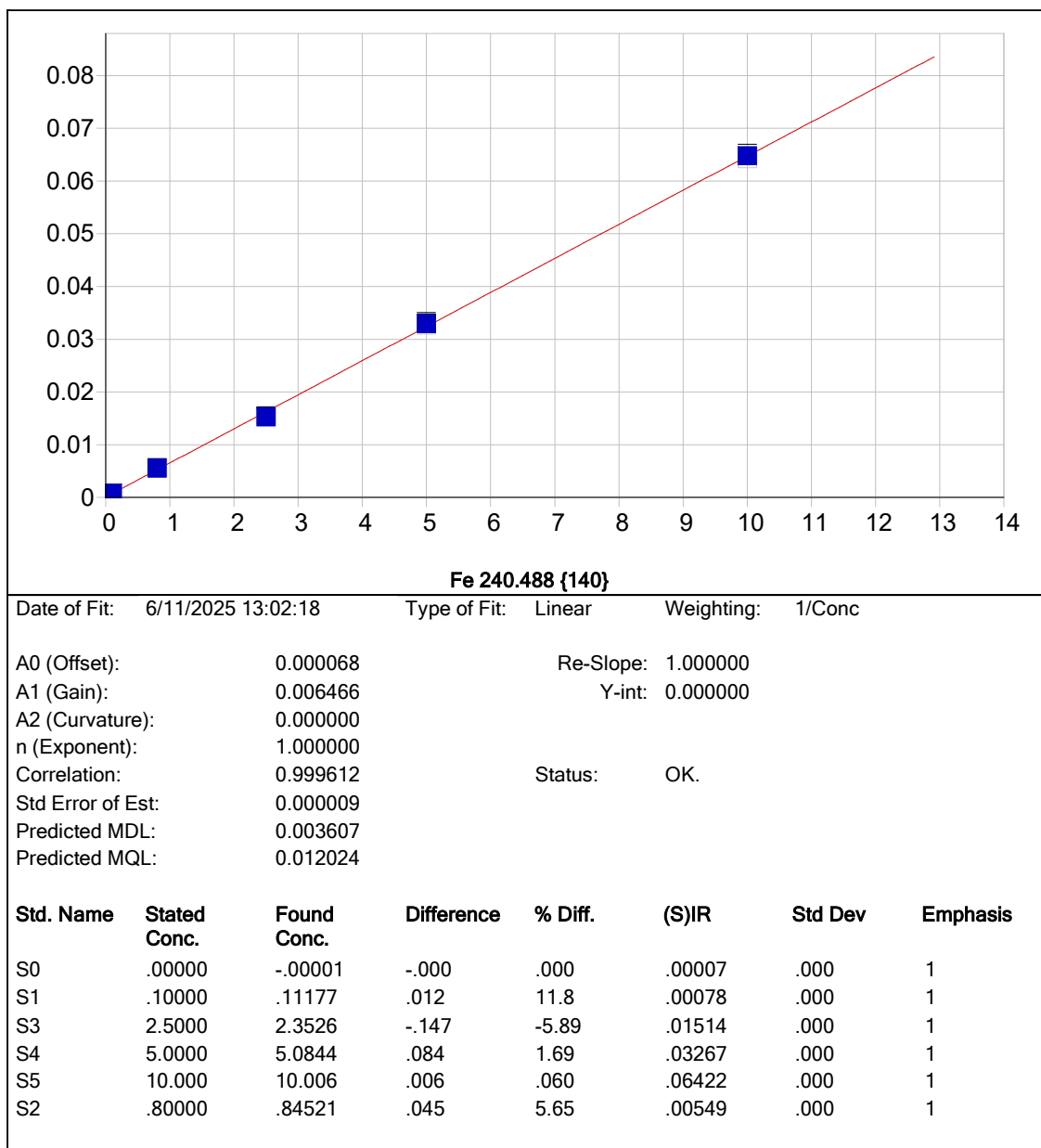
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00468 | .000    | 1        |
| S1        | .00600       | .00612      | .000       | 1.94    | .02144 | .000    | 1        |
| S3        | 1.2500       | 1.2627      | .013       | 1.01    | 3.4521 | .015    | 1        |
| S4        | 2.5000       | 2.4853      | -.015      | -.588   | 6.7903 | .005    | 1        |
| S5        | 5.0000       | 4.9909      | -.009      | -.182   | 13.631 | .021    | 1        |
| S2        | .40000       | .41097      | .011       | 2.74    | 1.1267 | .002    | 1        |

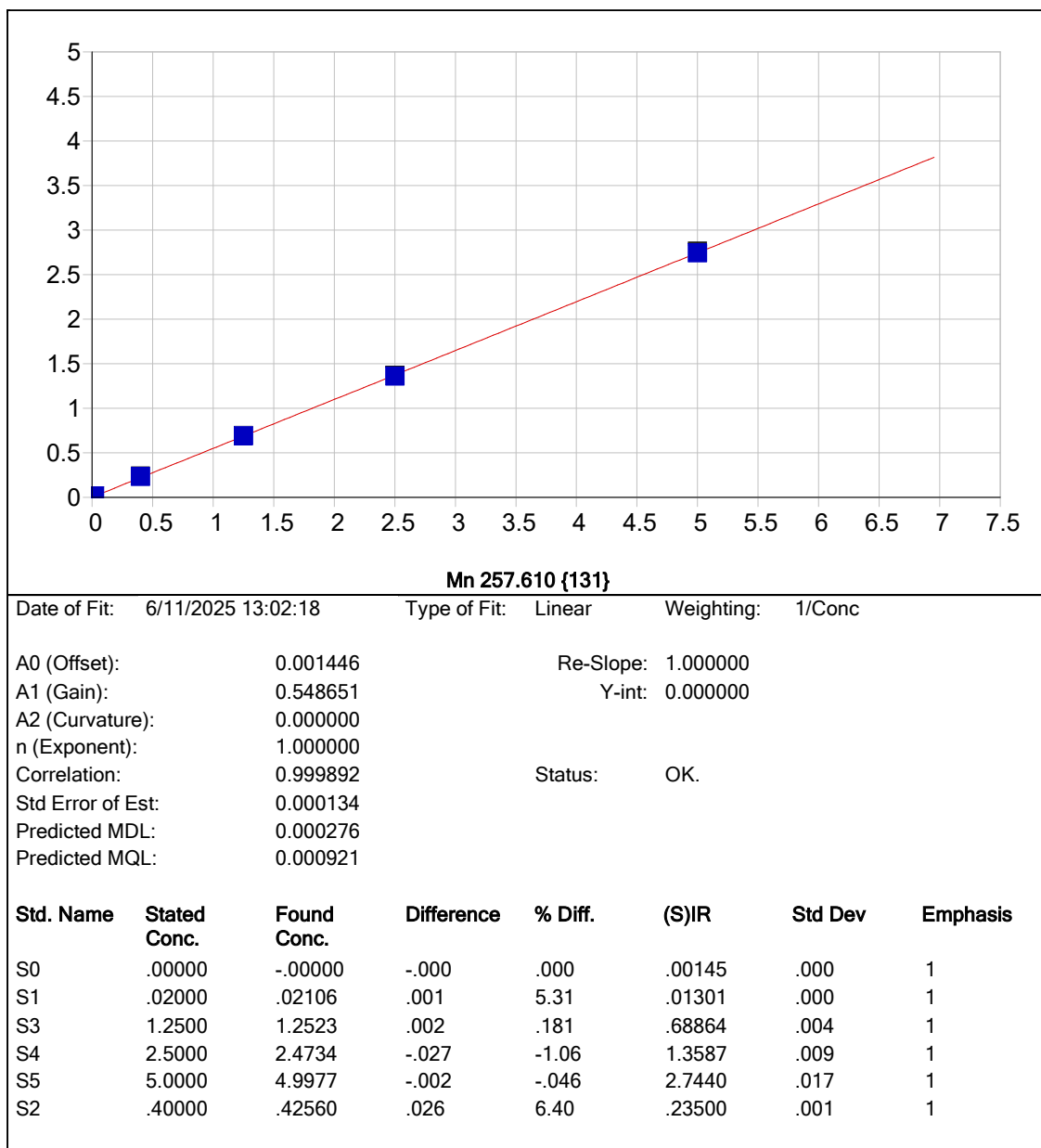


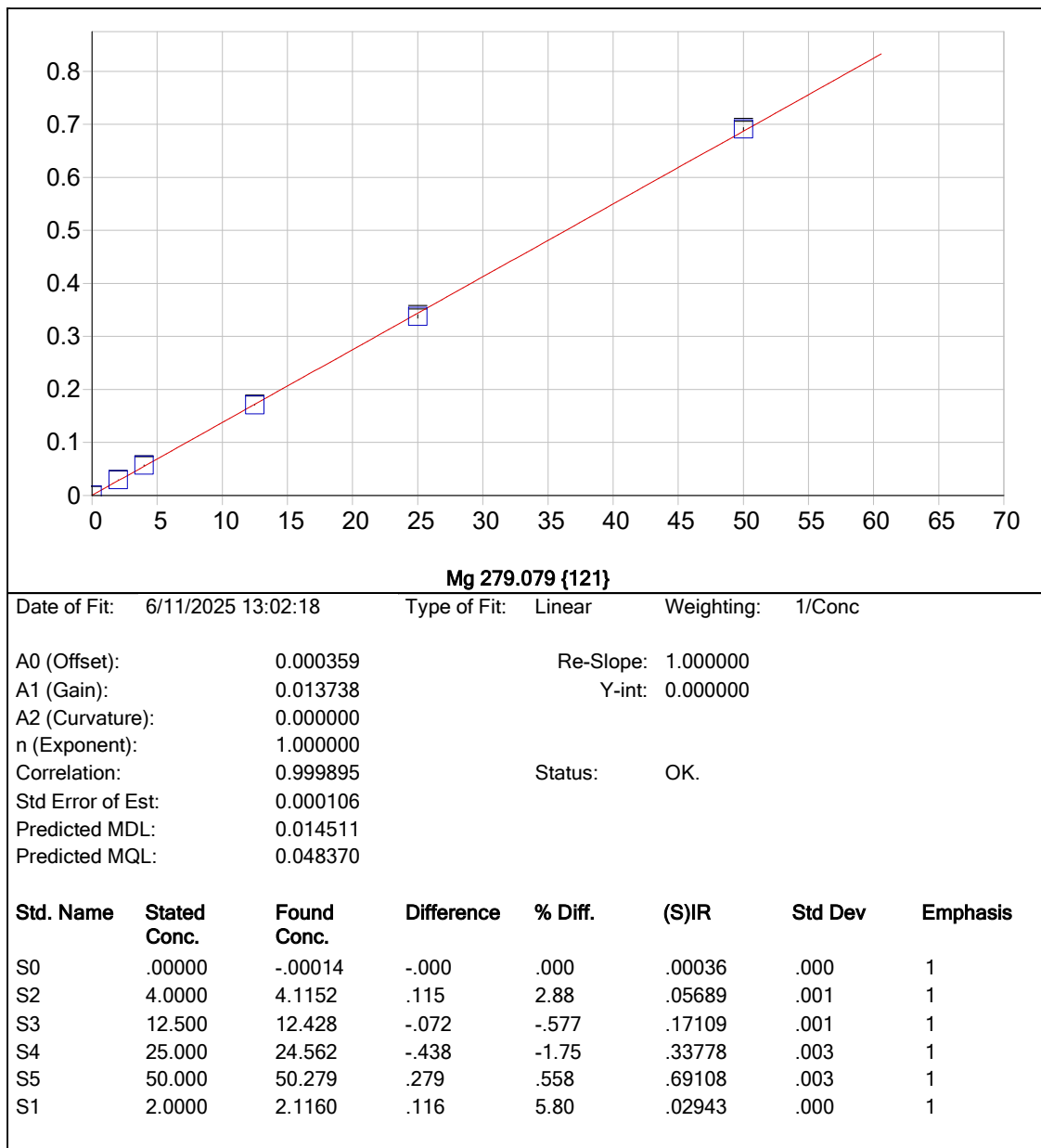


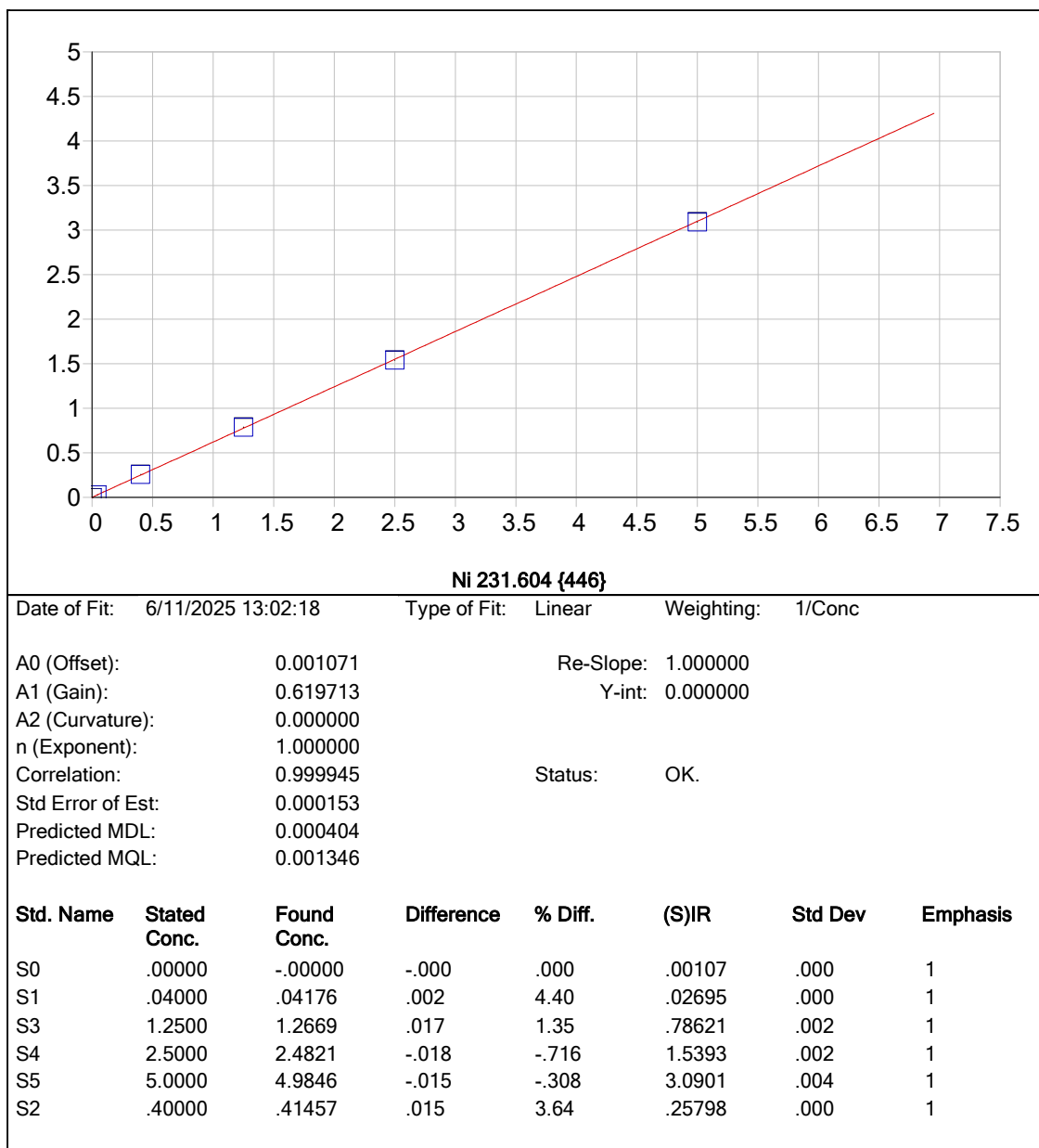


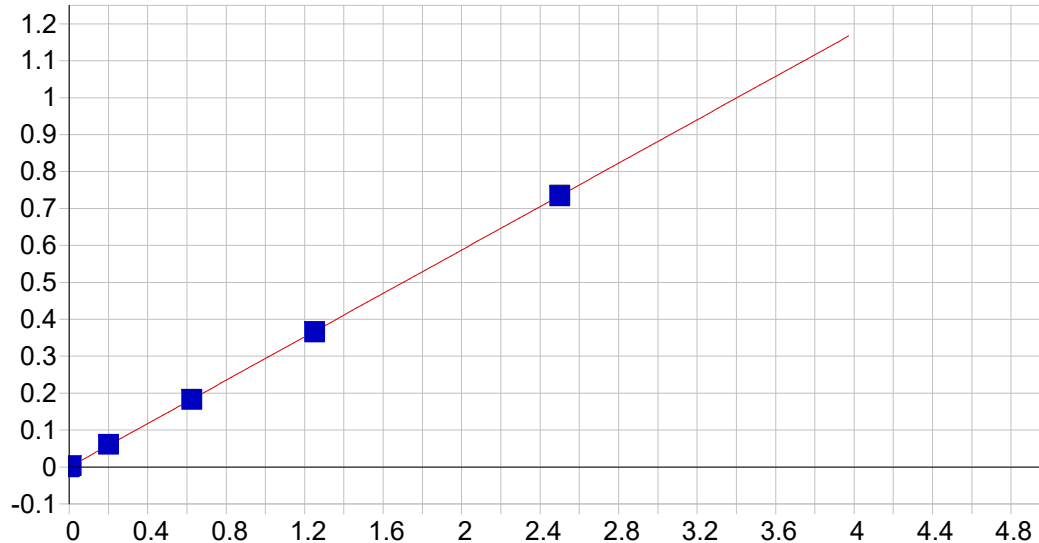










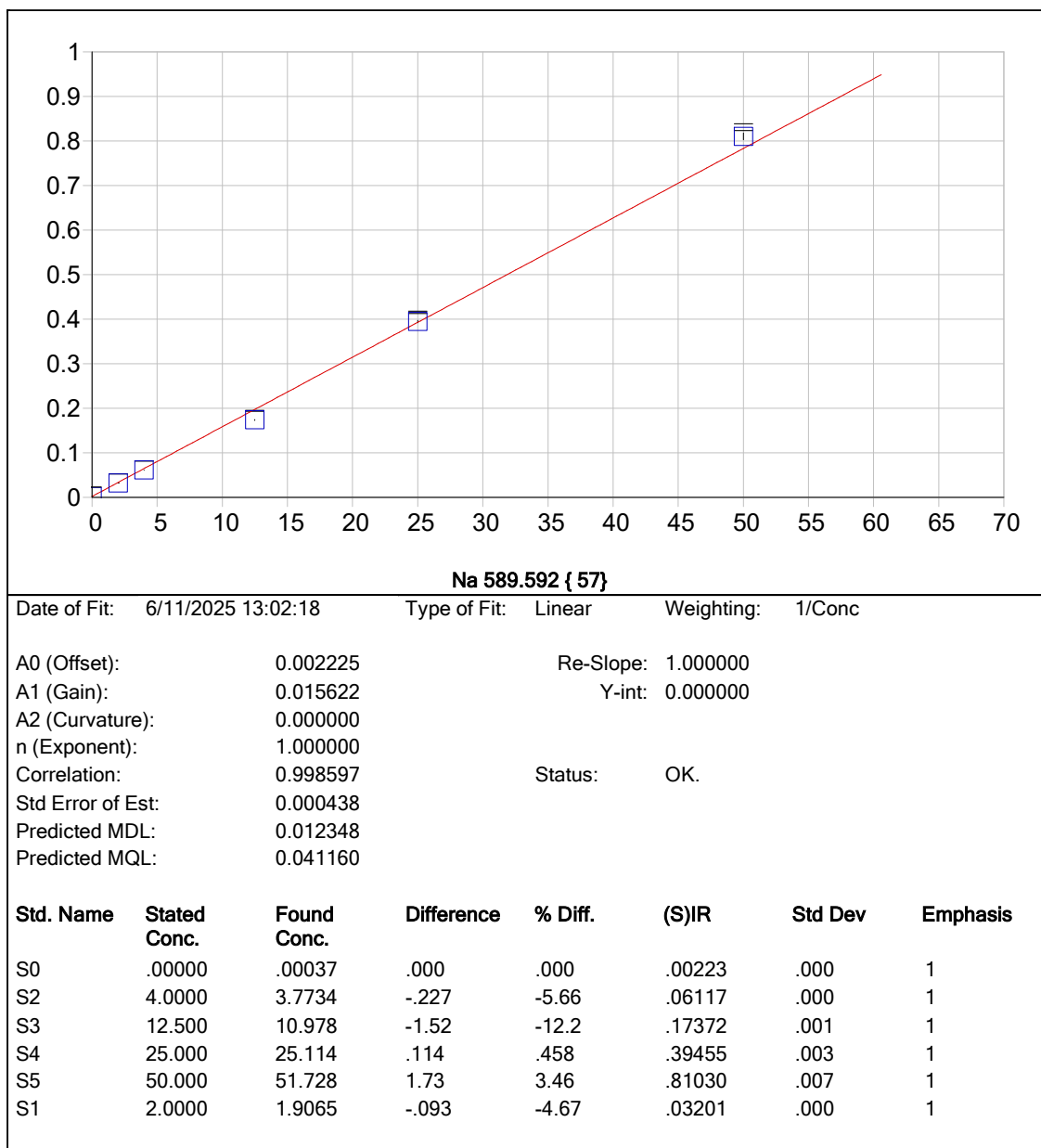


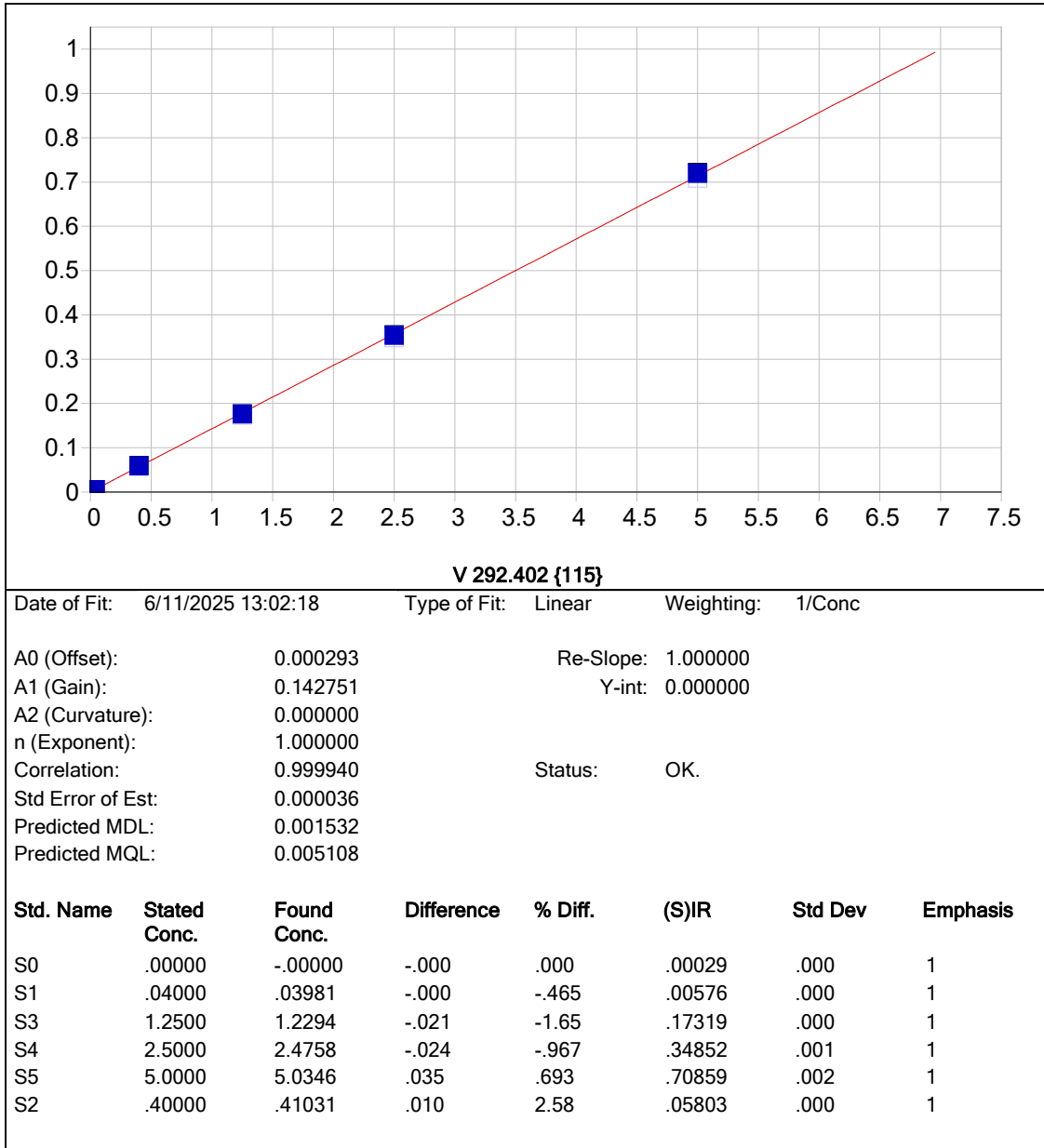
Ag 328.068 {103}

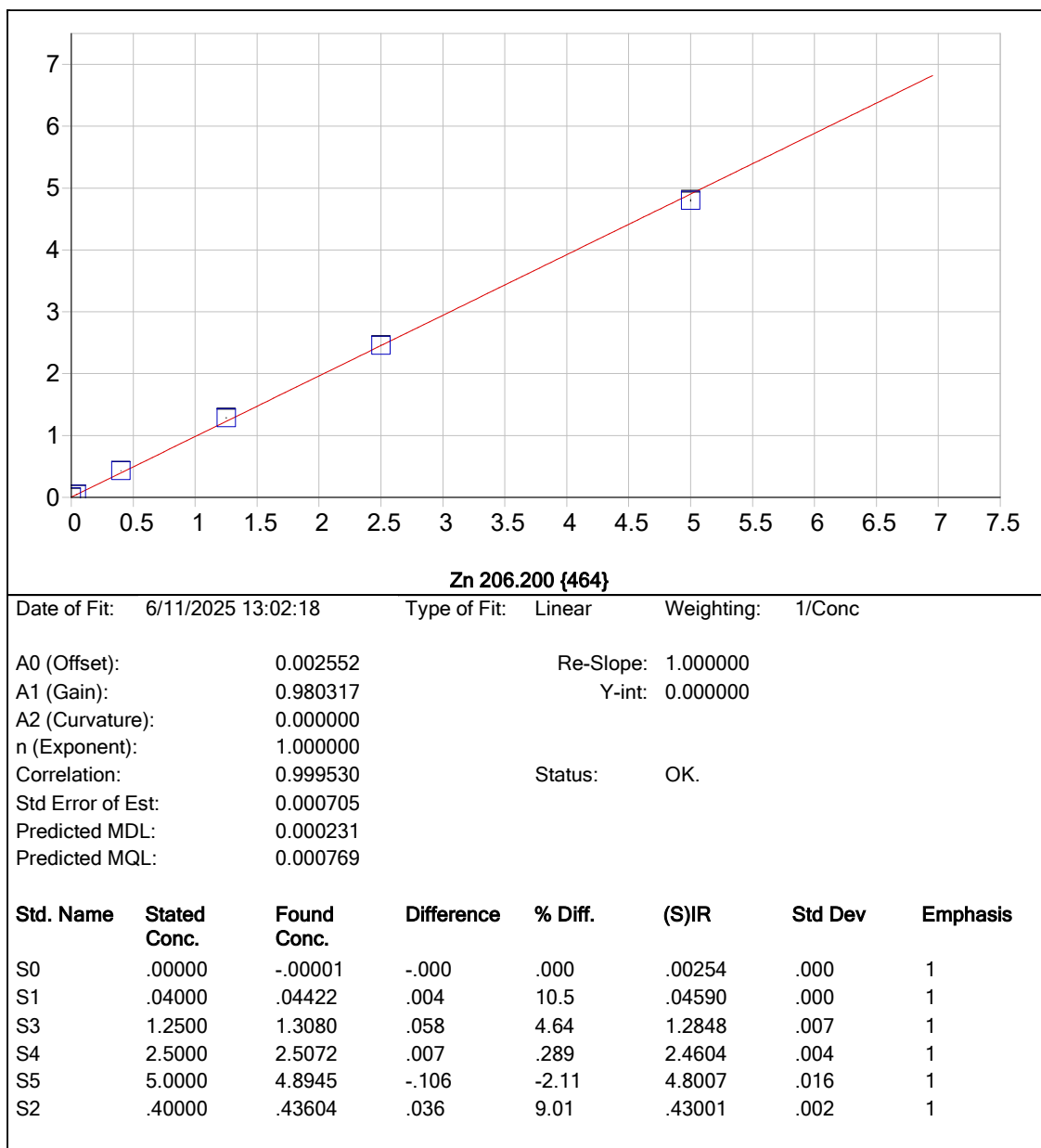
Date of Fit: 6/11/2025 13:02:18 Type of Fit: Linear Weighting: 1/Conc

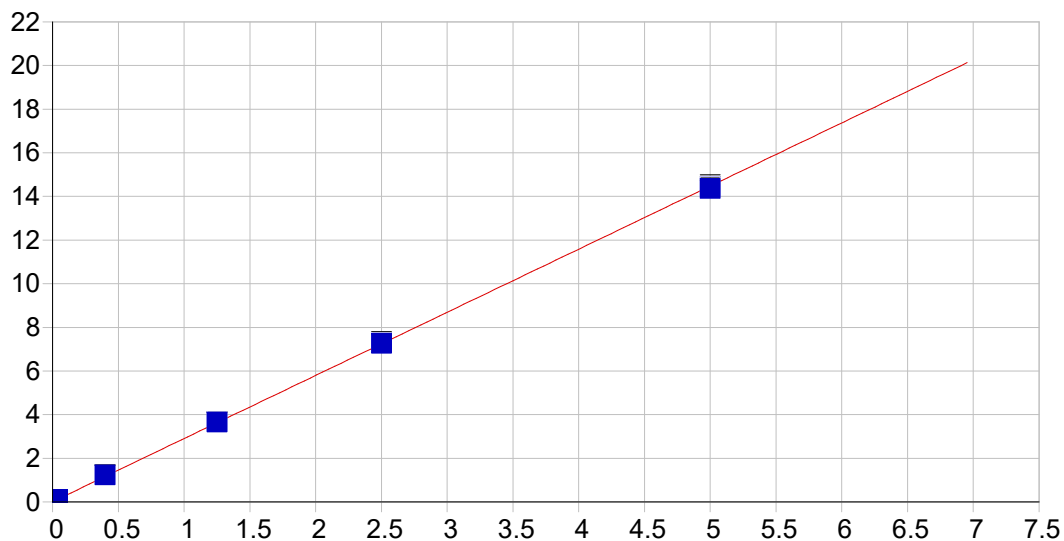
A0 (Offset): -0.000073 Re-Slope: 1.000000  
A1 (Gain): 0.293799 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999959 Status: OK.  
Std Error of Est: 0.000022  
Predicted MDL: 0.000368  
Predicted MQL: 0.001225

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .01052      | .001       | 5.16    | .00299  | .000    | 1        |
| S3        | .62500       | .62230      | -.003      | -.432   | .18194  | .001    | 1        |
| S4        | 1.2500       | 1.2442      | -.006      | -.466   | .36383  | .001    | 1        |
| S5        | 2.5000       | 2.5002      | .000       | .009    | .73122  | .002    | 1        |
| S2        | .20000       | .20779      | .008       | 3.89    | .06071  | .000    | 1        |







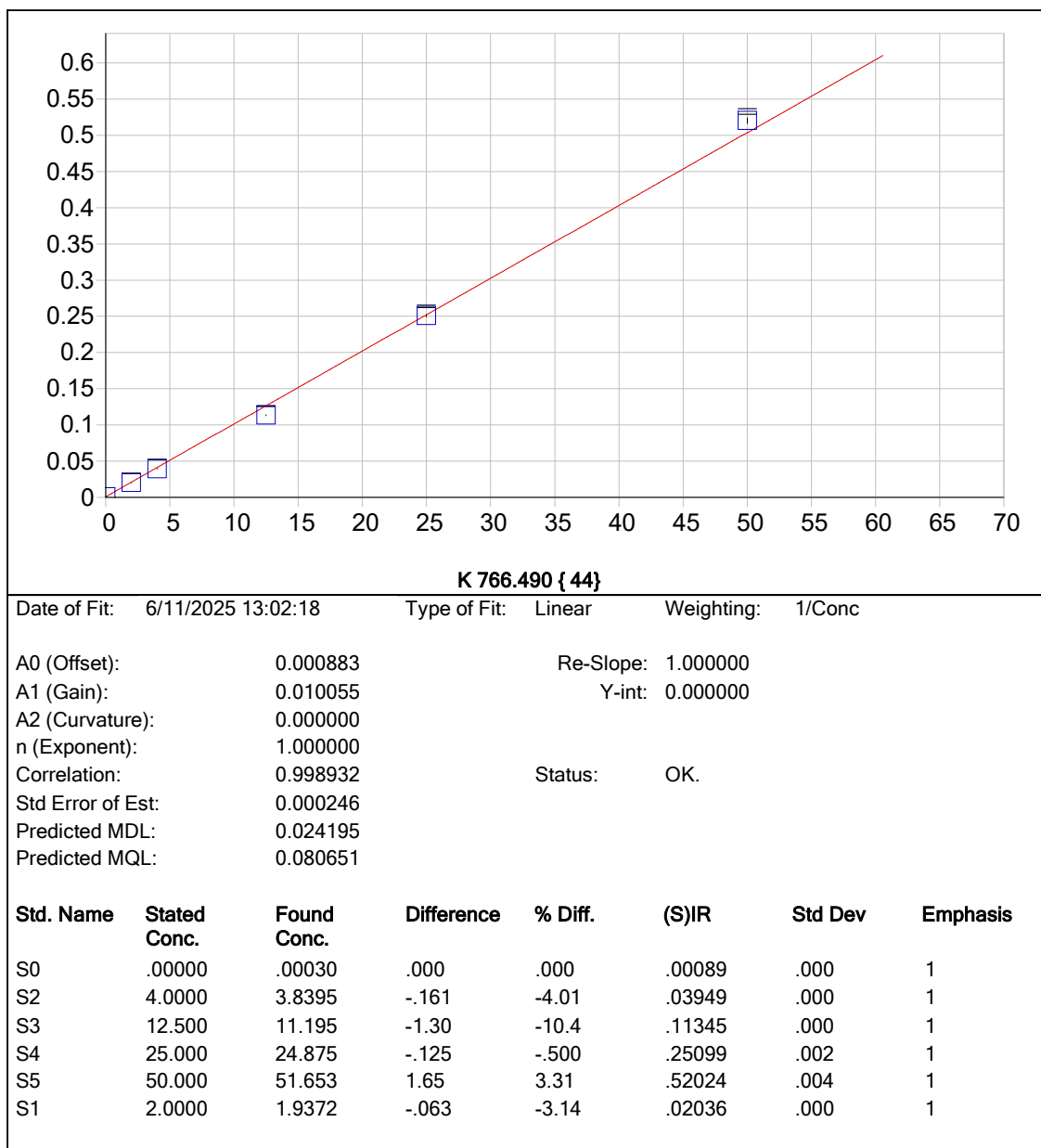


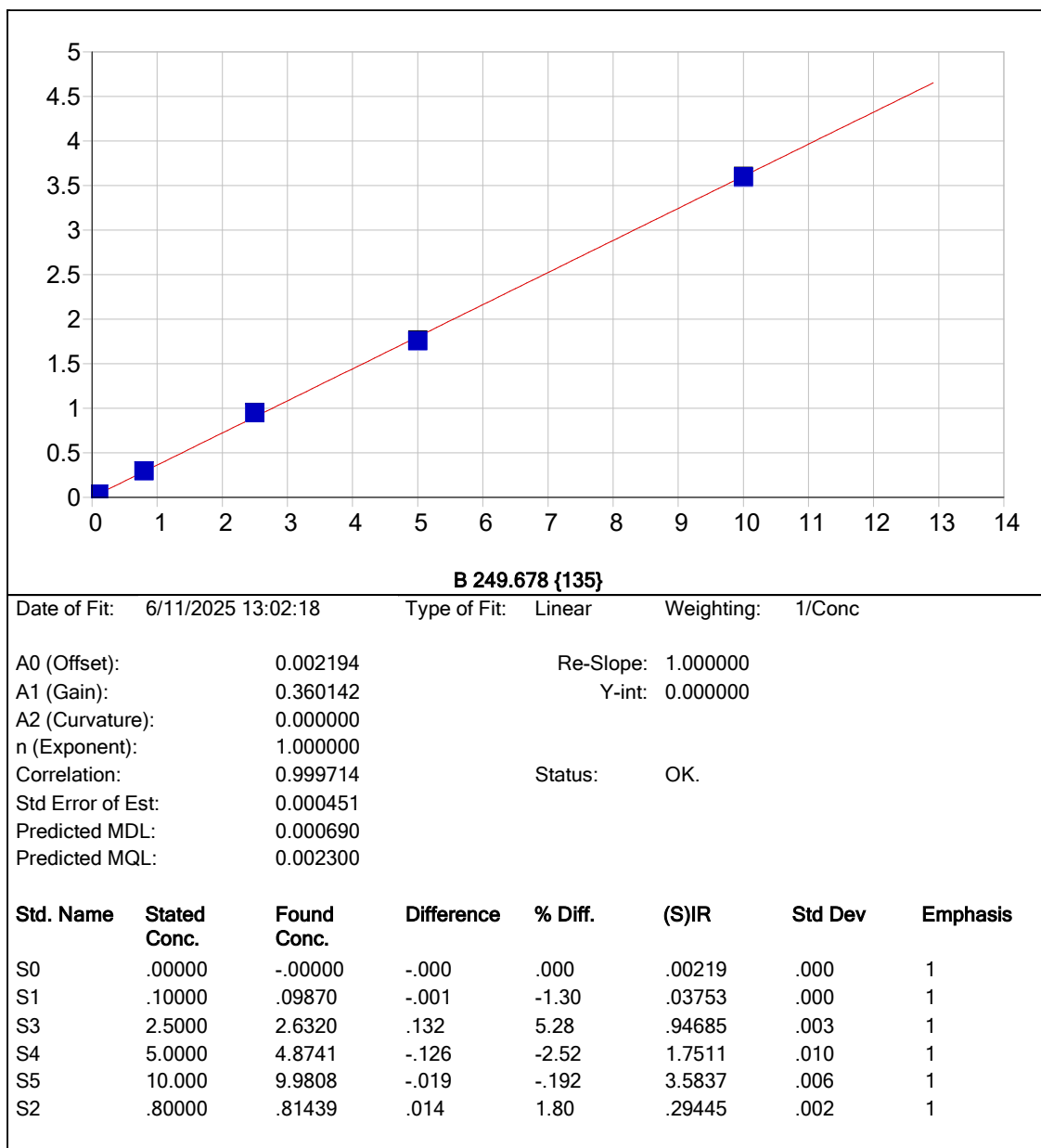
Zn 213.856 {158}

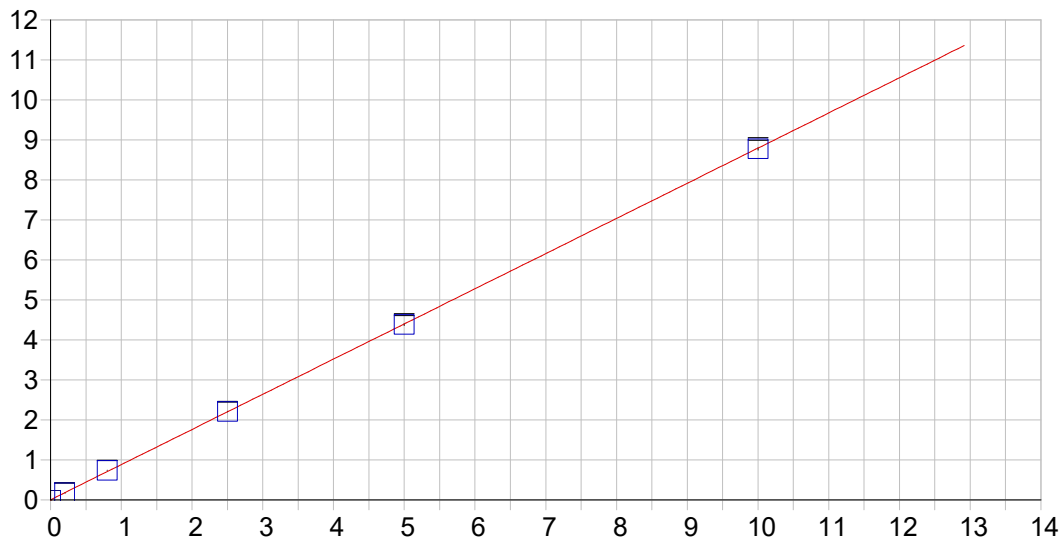
Date of Fit: 6/11/2025 13:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008769 Re-Slope: 1.000000  
A1 (Gain): 2.893835 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999911 Status: OK.  
Std Error of Est: 0.000913  
Predicted MDL: 0.000285  
Predicted MQL: 0.000948

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00876 | .001    | 1        |
| S1        | .04000       | .04205      | .002       | 5.13    | .13127 | .002    | 1        |
| S3        | 1.2500       | 1.2594      | .009       | .754    | 3.6785 | .005    | 1        |
| S4        | 2.5000       | 2.5058      | .006       | .232    | 7.3105 | .039    | 1        |
| S5        | 5.0000       | 4.9611      | -.039      | -.778   | 14.466 | .075    | 1        |
| S2        | .40000       | .42160      | .022       | 5.40    | 1.2369 | .003    | 1        |





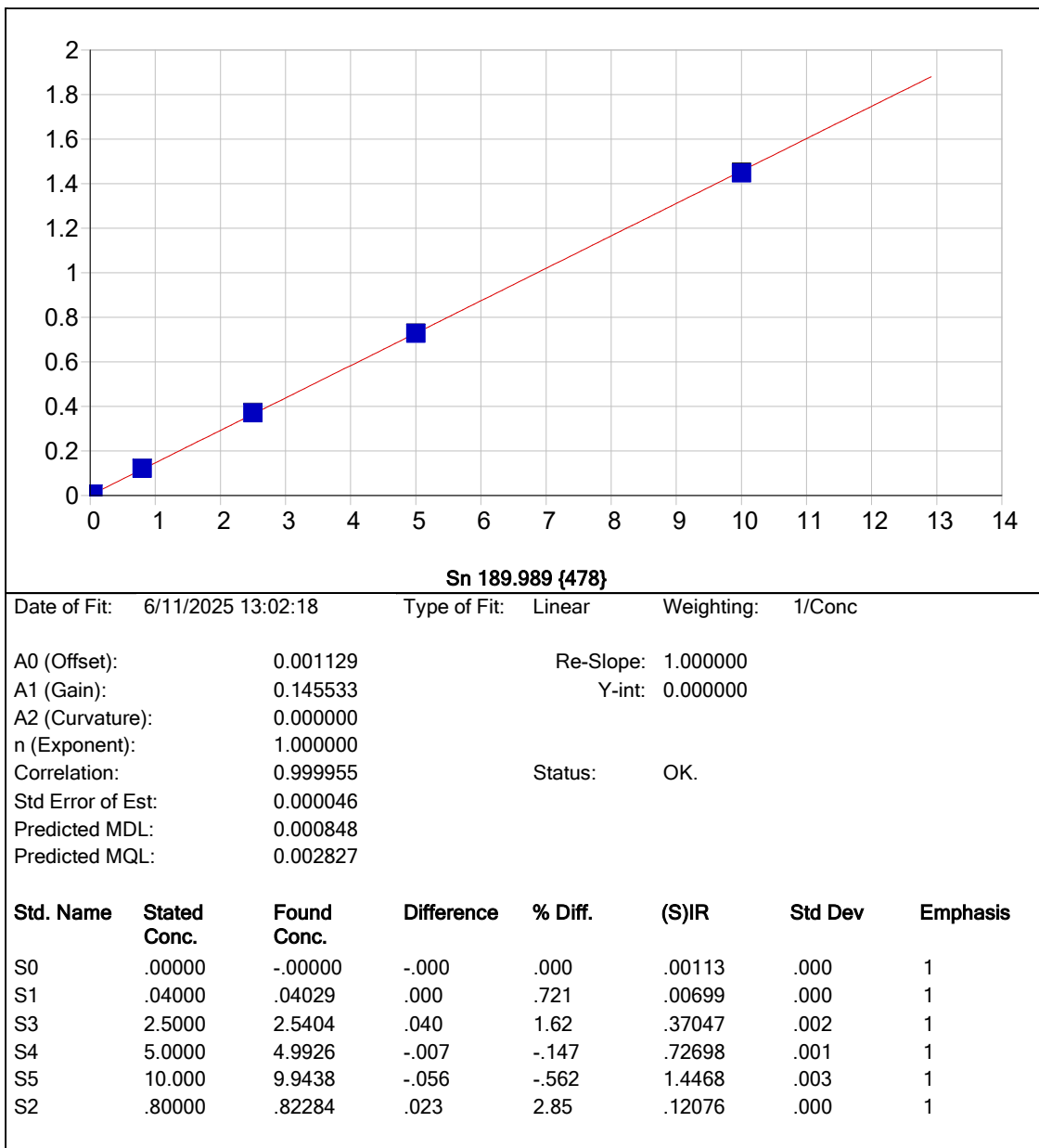


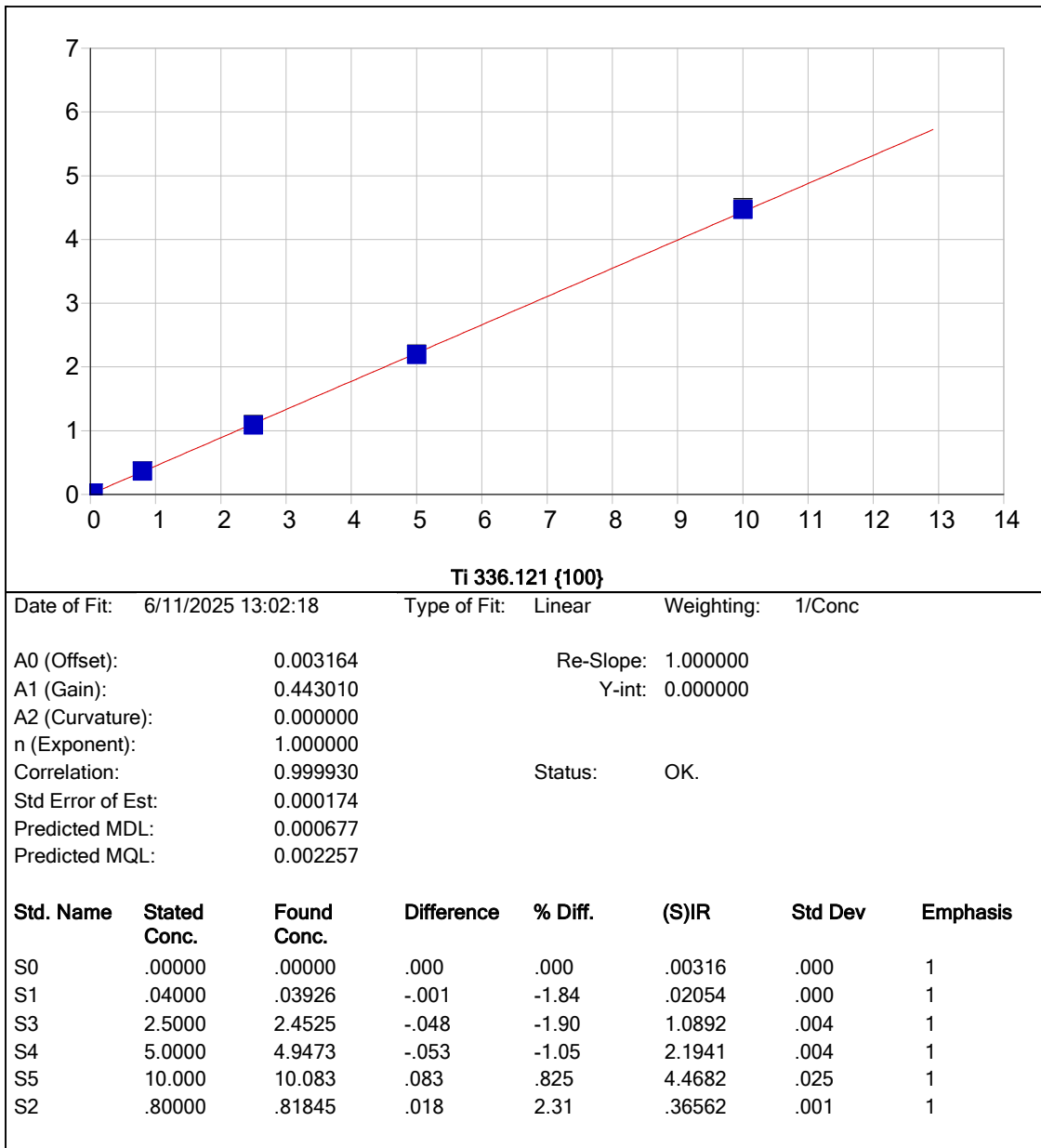
Mo 202.030 {467}

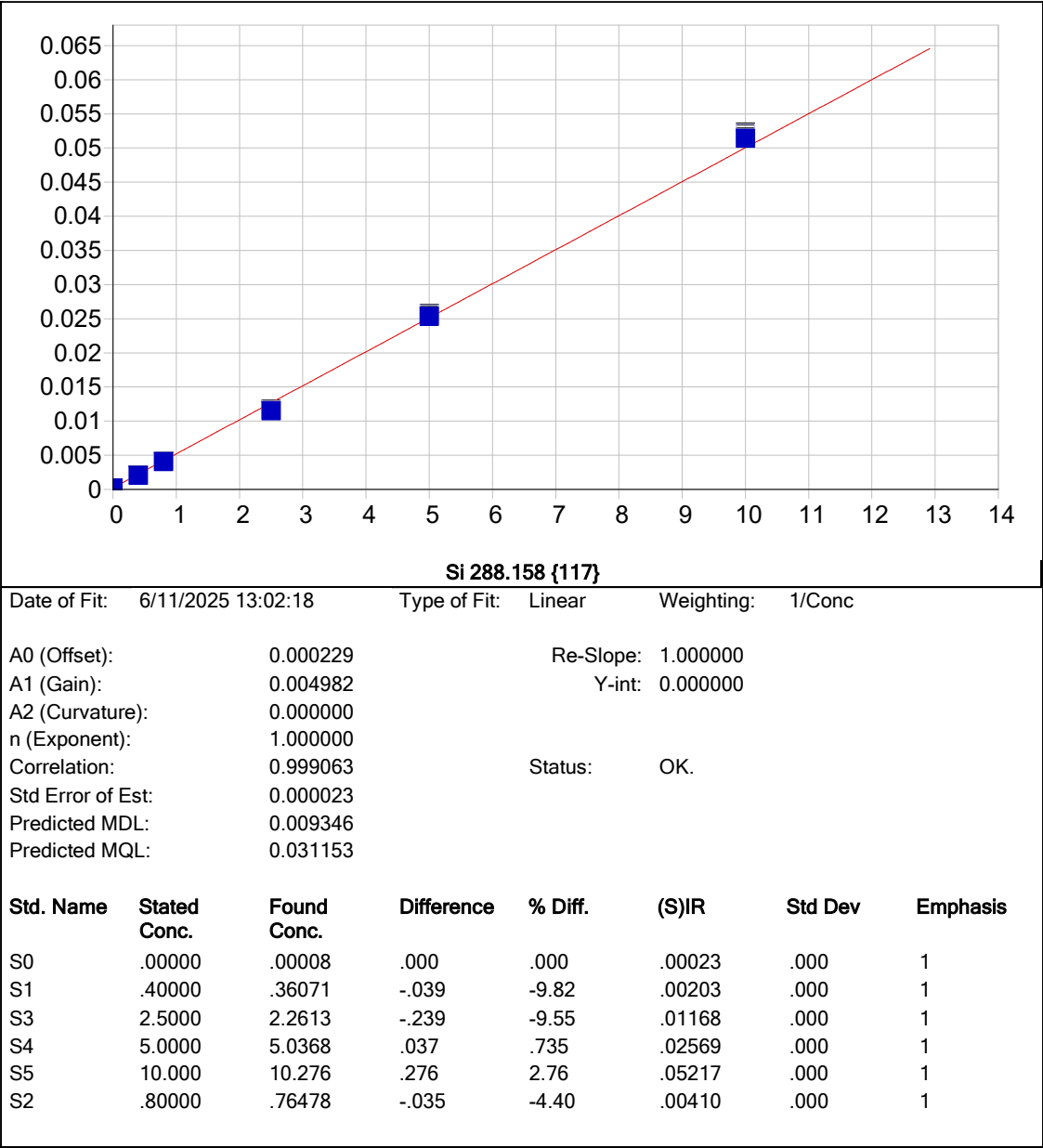
Date of Fit: 6/11/2025 13:02:18 Type of Fit: Linear Weighting: 1/Conc

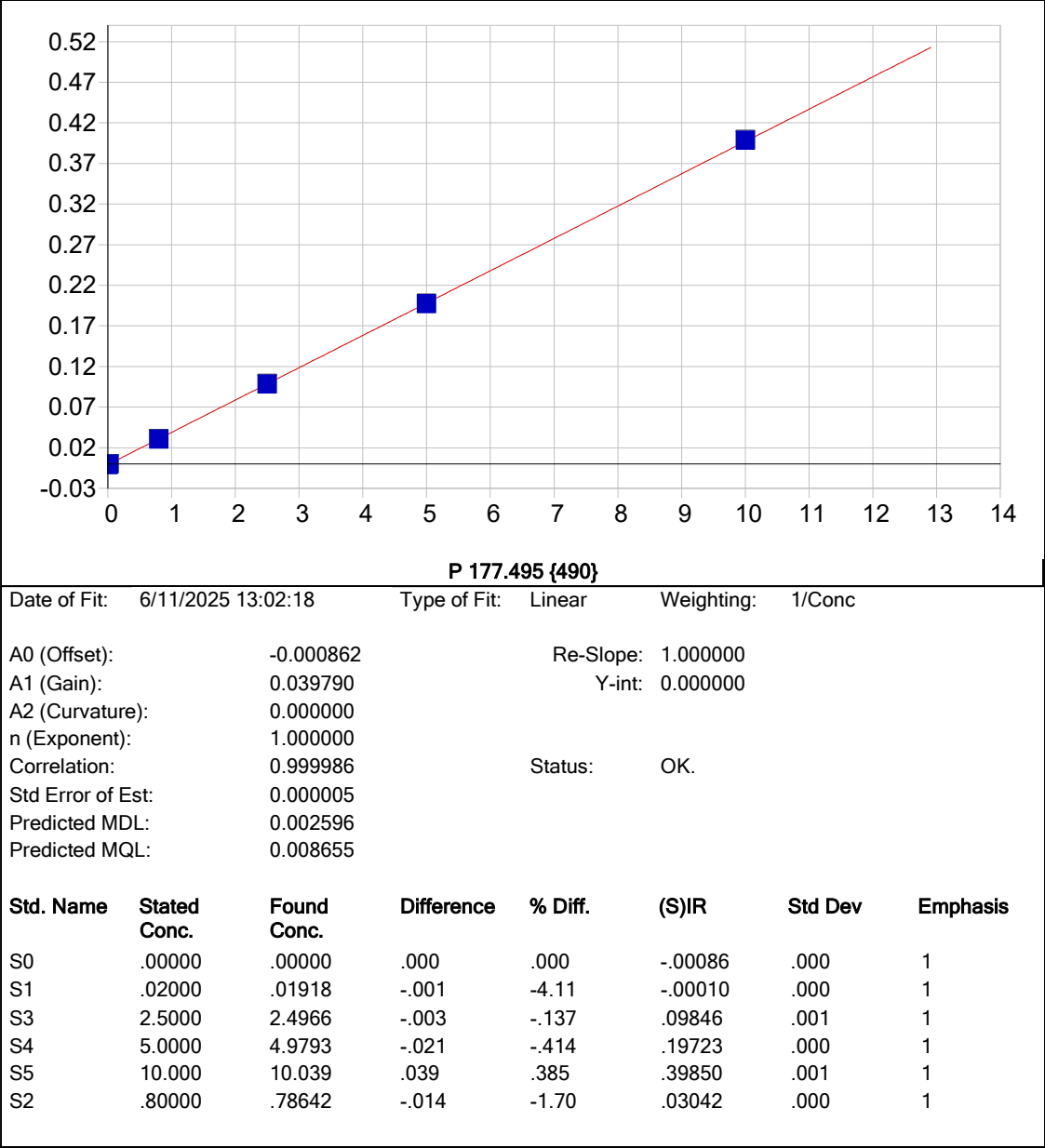
A0 (Offset): 0.003439 Re-Slope: 1.000000  
A1 (Gain): 0.879169 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999957 Status: OK.  
Std Error of Est: 0.000610  
Predicted MDL: 0.000228  
Predicted MQL: 0.000760

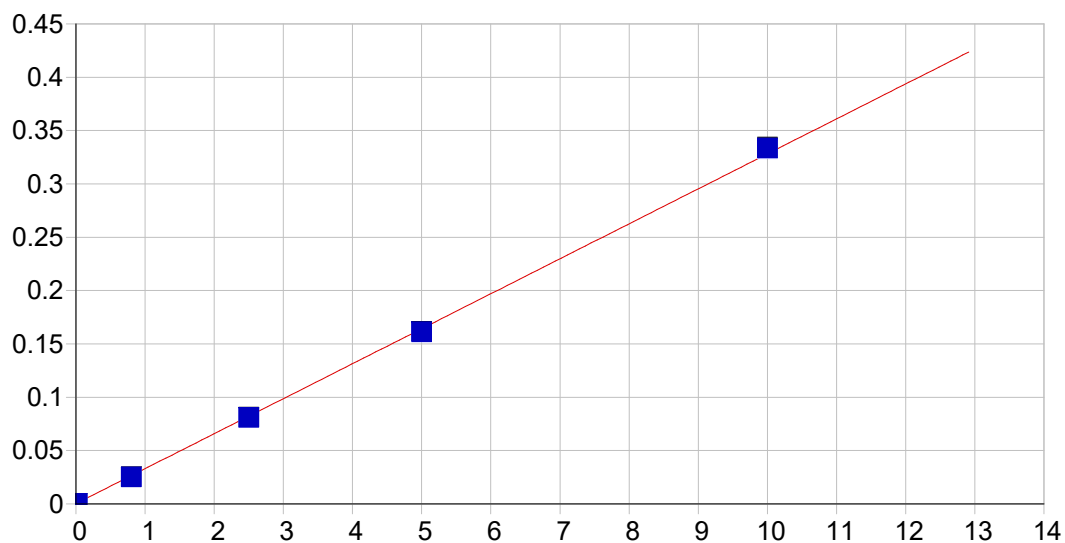
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00343 | .000    | 1        |
| S1        | .20000       | .19982      | -.000      | -.092   | .17911 | .000    | 1        |
| S3        | 2.5000       | 2.5068      | .007       | .271    | 2.2073 | .005    | 1        |
| S4        | 5.0000       | 4.9832      | -.017      | -.336   | 4.3845 | .022    | 1        |
| S5        | 10.000       | 9.9759      | -.024      | -.241   | 8.7739 | .030    | 1        |
| S2        | .80000       | .83431      | .034       | 4.29    | .73694 | .003    | 1        |









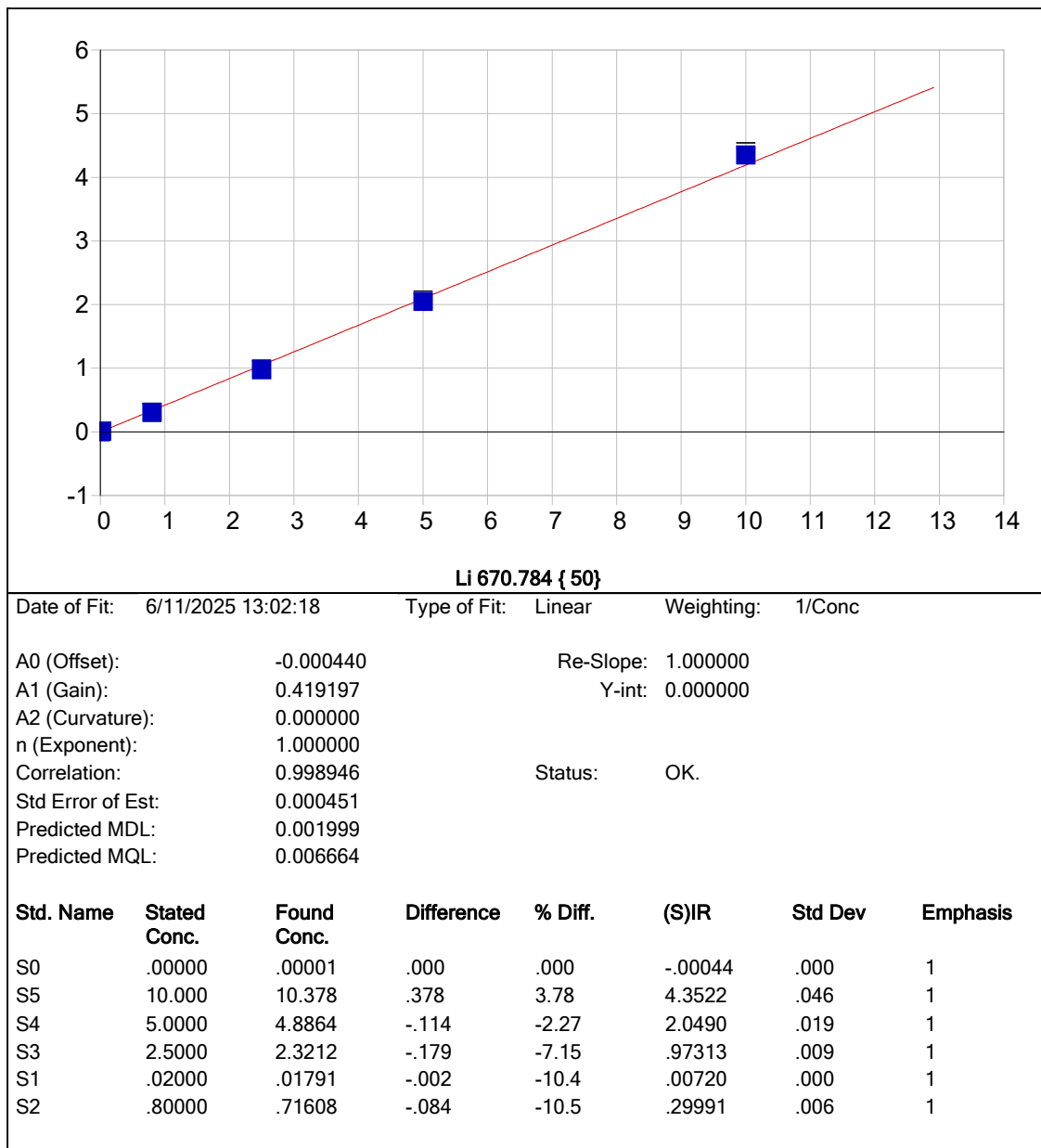


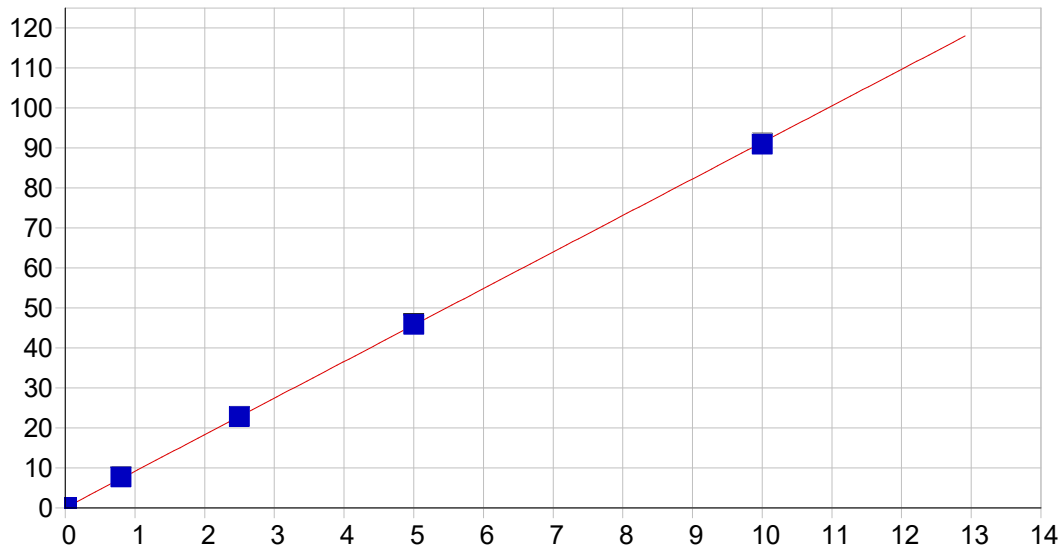
**S 182.034 {485}**

Date of Fit: 6/11/2025 13:02:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000281 Re-Slope: 1.000000  
A1 (Gain): 0.032788 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999816 Status: OK.  
Std Error of Est: 0.000015  
Predicted MDL: 0.003500  
Predicted MQL: 0.011668

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00028 | .000    | 1        |
| S1        | .02000       | .02144      | .001       | 7.21    | .00096 | .000    | 1        |
| S3        | 2.5000       | 2.4628      | -.037      | -1.49   | .08082 | .000    | 1        |
| S4        | 5.0000       | 4.9109      | -.089      | -1.78   | .16087 | .001    | 1        |
| S5        | 10.000       | 10.163      | .163       | 1.63    | .33265 | .001    | 1        |
| S2        | .80000       | .76191      | -.038      | -4.76   | .02519 | .000    | 1        |



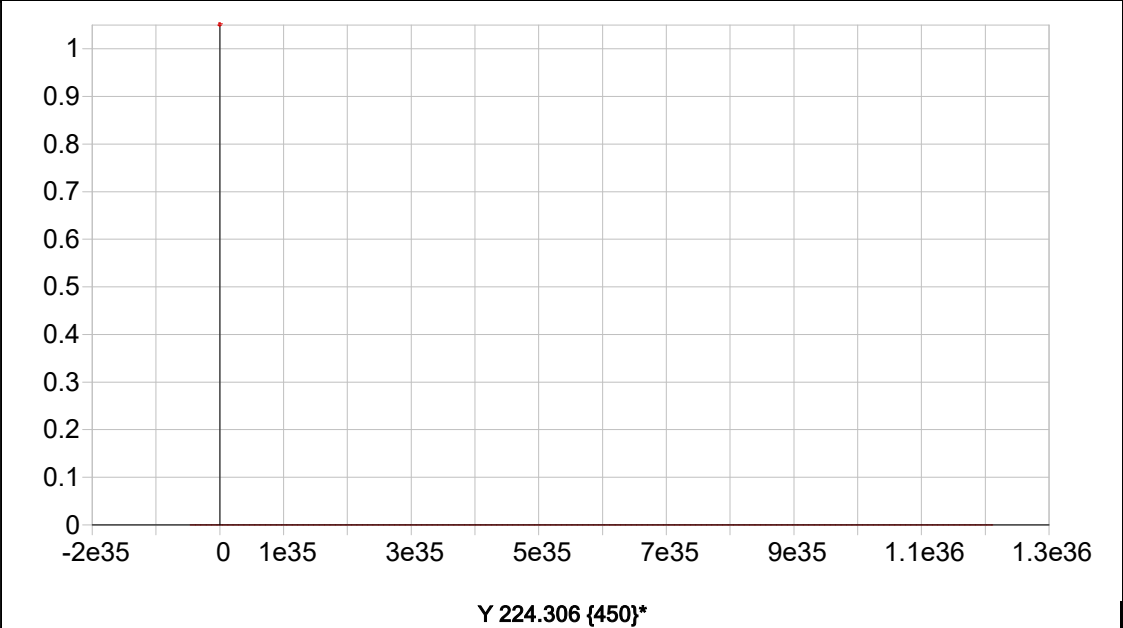


Sr 407.771 { 83}

Date of Fit: 6/11/2025 13:02:18 Type of Fit: Linear Weighting: 1/Conc

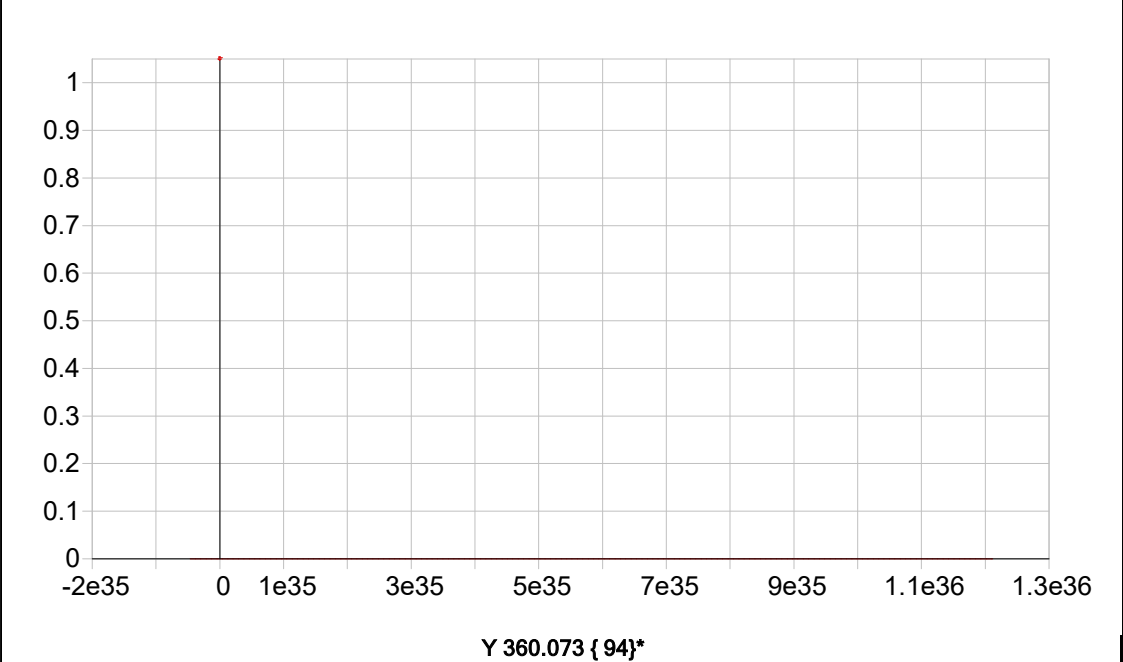
A0 (Offset): 0.032665 Re-Slope: 1.000000  
A1 (Gain): 9.136702 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999931 Status: OK.  
Std Error of Est: 0.002524  
Predicted MDL: 0.000054  
Predicted MQL: 0.000181

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .03265 | .000    | 1        |
| S1        | .02000       | .02127      | .001       | 6.36    | .22790 | .001    | 1        |
| S3        | 2.5000       | 2.4919      | -.008      | -.324   | 22.822 | .066    | 1        |
| S4        | 5.0000       | 5.0155      | .015       | .309    | 45.901 | .202    | 1        |
| S5        | 10.000       | 9.9500      | -.050      | -.500   | 91.030 | .218    | 1        |
| S2        | .80000       | .84139      | .041       | 5.17    | 7.7272 | .057    | 1        |

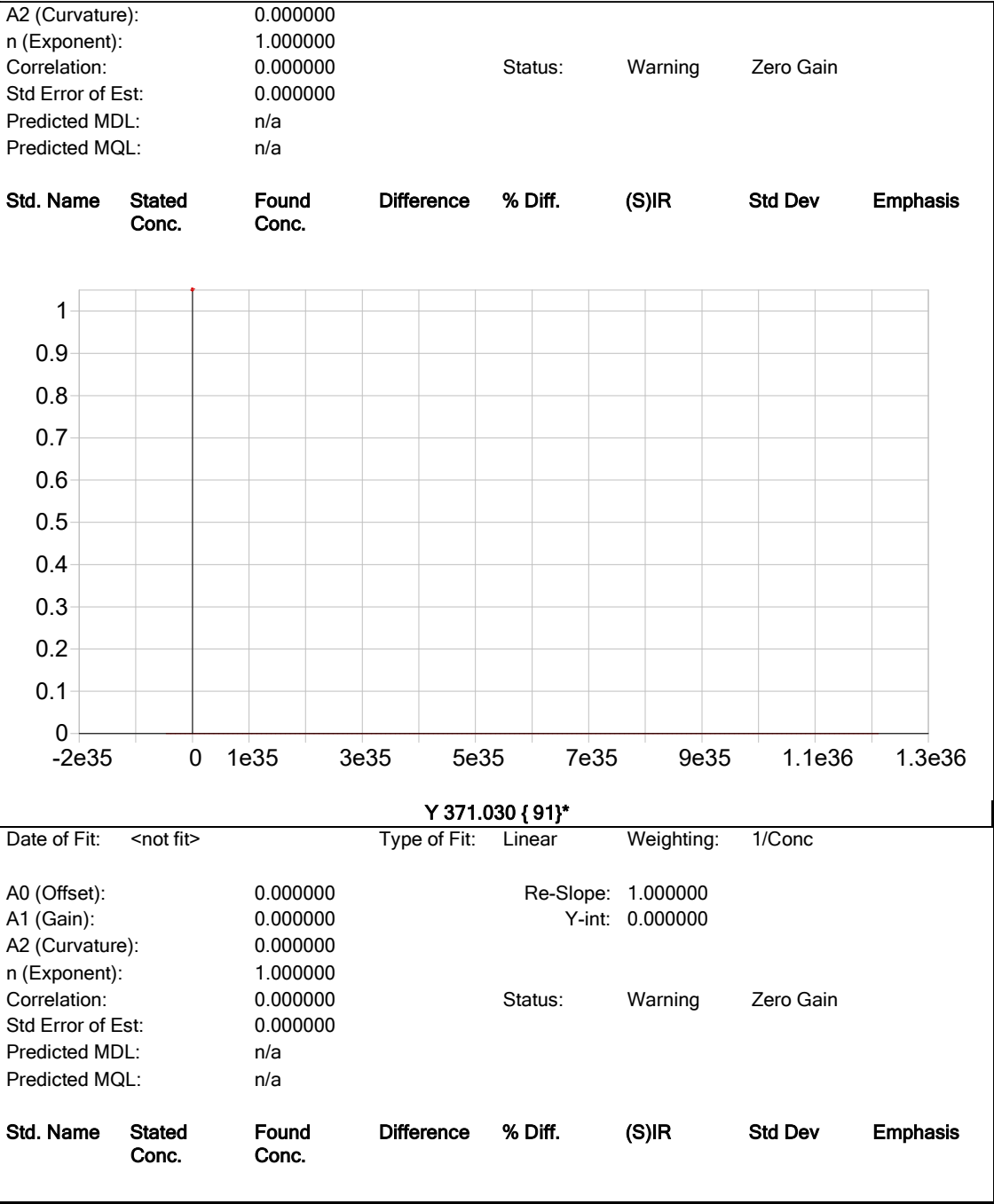


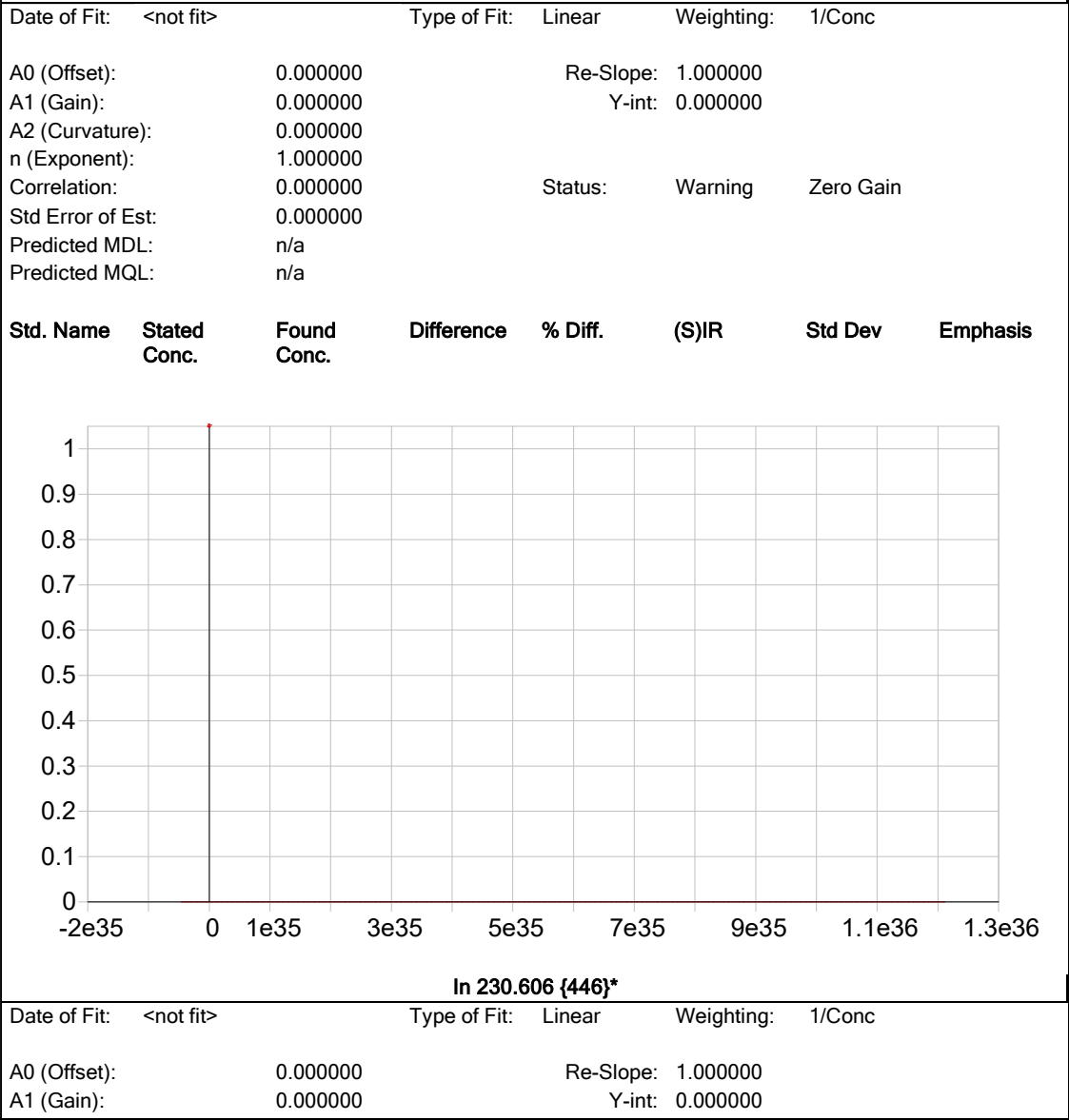
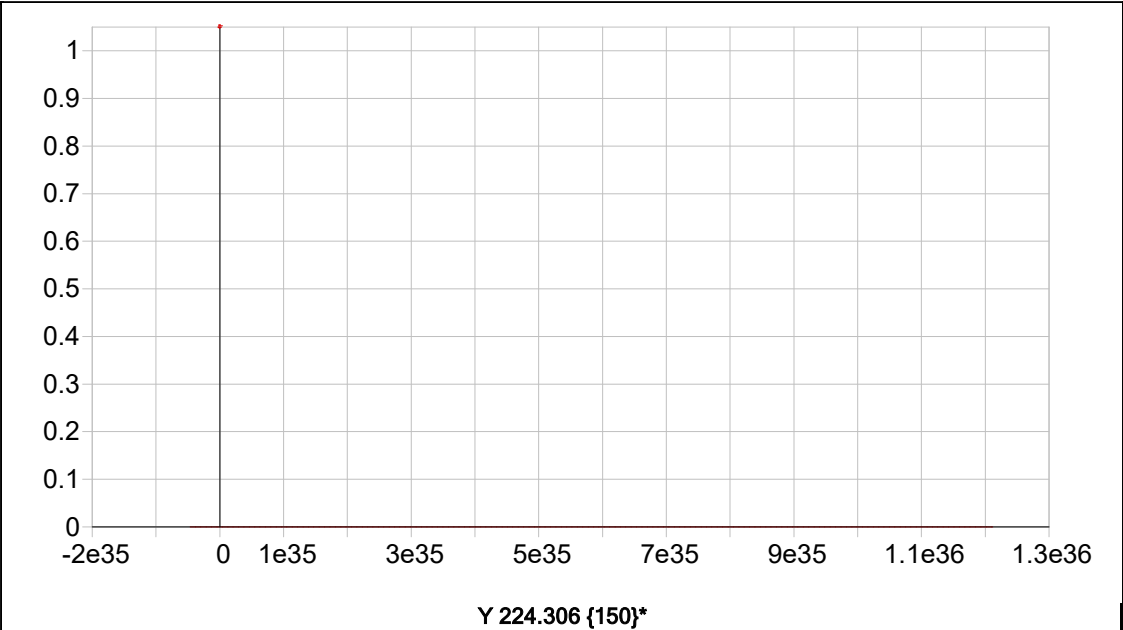
|                   |                    |              |          |            |        |
|-------------------|--------------------|--------------|----------|------------|--------|
| Date of Fit:      | 6/11/2025 12:21:11 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000           | 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| 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    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| 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 |

Sample Name: S0      Acquired: 6/11/2025 12:36:53      Type: Cal  
Method: 6010-200.7 NEW(v5)      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    | .00005 | -.00019 | .00059 | .00080 | .00064 | .00141 | .02972 | .00024 |
| Stddev | .00014 | .00009  | .00039 | .00014 | .00026 | .00049 | .00419 | .00003 |
| %RSD   | 269.99 | 48.559  | 66.393 | 17.849 | 40.939 | 34.885 | 14.111 | 12.380 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00016  | -.00025 | .00036 | .00065 | .00056 | .00182 | .03316 | .00023 |
| #2 | .00011  | -.00024 | .00036 | .00081 | .00093 | .00086 | .02505 | .00027 |
| #3 | -.00011 | -.00008 | .00104 | .00093 | .00043 | .00153 | .03096 | .00021 |

|        |        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| 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    | .00468 | .00209 | .00019 | .00154 | -.00013 | .00007 | .00145 | .00036 |
| Stddev | .00015 | .00051 | .00006 | .00015 | .00011  | .00000 | .00005 | .00017 |
| %RSD   | 3.2524 | 24.592 | 29.115 | 9.9805 | 81.684  | 4.9883 | 3.7878 | 46.307 |

|    |        |        |        |        |         |        |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00477 | .00163 | .00015 | .00161 | -.00007 | .00007 | .00146 | .00028 |
| #2 | .00451 | .00198 | .00026 | .00136 | -.00026 | .00007 | .00149 | .00055 |
| #3 | .00477 | .00264 | .00017 | .00164 | -.00007 | .00007 | .00138 | .00024 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 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    | .00107 | -.00007 | .00223 | .00029 | .00876 | .00089 | .00219 | .00343 |
| Stddev | .00006 | .00003  | .00014 | .00007 | .00082 | .00025 | .00010 | .00009 |
| %RSD   | 5.7217 | 44.286  | 6.4265 | 23.374 | 9.4073 | 27.851 | 4.5270 | 2.5521 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00114 | -.00007 | .00218 | .00030 | .00843 | .00063 | .00230 | .00353 |
| #2 | .00105 | -.00011 | .00212 | .00022 | .00969 | .00091 | .00211 | .00336 |
| #3 | .00102 | -.00005 | .00239 | .00036 | .00815 | .00112 | .00217 | .00340 |

|        |        |        |        |         |        |         |        |
|--------|--------|--------|--------|---------|--------|---------|--------|
| 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    | .00113 | .00316 | .00023 | -.00086 | .00028 | -.00044 | .03265 |
| Stddev | .00013 | .00020 | .00001 | .00006  | .00013 | .00025  | .00031 |
| %RSD   | 11.192 | 6.2701 | 5.9174 | 7.0237  | 47.658 | 57.400  | .94682 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .00116 | .00299 | .00024 | -.00091 | .00042 | -.00049 | .03300 |
| #2 | .00124 | .00312 | .00023 | -.00088 | .00015 | -.00066 | .03247 |
| #3 | .00099 | .00338 | .00022 | -.00080 | .00028 | -.00016 | .03246 |

Sample Name: S0      Acquired: 6/11/2025 12:36:53      Type: Cal  
Method: 6010-200.7 NEW(v5)      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 | ln2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 3054.0 | 69665. | 14903. | 2242.9 | 4312.7 |
| Stddev    | 5.7    | 167.   | 45.    | 12.3   | 8.7    |
| %RSD      | .18560 | .23952 | .30380 | .54660 | .20184 |
| #1        | 3049.7 | 69565. | 14857. | 2235.4 | 4303.7 |
| #2        | 3060.4 | 69572. | 14947. | 2236.4 | 4321.1 |
| #3        | 3051.9 | 69857. | 14906. | 2257.1 | 4313.3 |

Sample Name: S1      Acquired: 6/11/2025 12:41:15      Type: Cal  
Method: 6010-200.7 NEW(v5)      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    | <b>.00146</b> | <b>.00436</b> | <b>.00366</b> | <b>.00242</b> | <b>.00719</b> | <b>.01424</b> | <b>.30650</b> | <b>.02079</b> |
| Stddev | .00002        | .00013        | .00010        | .00009        | .00007        | .00027        | .00171        | .00006        |
| %RSD   | 1.2988        | 2.9101        | 2.6777        | 3.5406        | .93647        | 1.9216        | .55725        | .30153        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.00147</b> | <b>.00444</b> | <b>.00376</b> | <b>.00249</b> | <b>.00716</b> | <b>.01407</b> | <b>.30522</b> | <b>.02080</b> |
| #2 | <b>.00144</b> | <b>.00421</b> | <b>.00365</b> | <b>.00244</b> | <b>.00713</b> | <b>.01410</b> | <b>.30583</b> | <b>.02086</b> |
| #3 | <b>.00147</b> | <b>.00443</b> | <b>.00357</b> | <b>.00232</b> | <b>.00726</b> | <b>.01456</b> | <b>.30844</b> | <b>.02073</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.02144</b> | <b>.09844</b> | <b>.00139</b> | <b>.02810</b> | <b>.01781</b> | <b>.00078</b> | <b>.01301</b> | <b>.02943</b> |
| Stddev | .00019        | .00068        | .00003        | .00008        | .00004        | .00002        | .00008        | .00034        |
| %RSD   | .88530        | .69434        | 2.0777        | .28023        | .21549        | 2.0631        | .64650        | 1.1412        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.02123</b> | <b>.09790</b> | <b>.00142</b> | <b>.02817</b> | <b>.01780</b> | <b>.00077</b> | <b>.01295</b> | <b>.02908</b> |
| #2 | <b>.02150</b> | <b>.09921</b> | <b>.00136</b> | <b>.02801</b> | <b>.01785</b> | <b>.00078</b> | <b>.01310</b> | <b>.02975</b> |
| #3 | <b>.02159</b> | <b>.09823</b> | <b>.00138</b> | <b>.02812</b> | <b>.01777</b> | <b>.00080</b> | <b>.01296</b> | <b>.02945</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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    | <b>.02695</b> | <b>.00299</b> | <b>.03201</b> | <b>.00576</b> | <b>.13127</b> | <b>.02036</b> | <b>.03753</b> | <b>.17911</b> |
| Stddev | .00016        | .00012        | .00024        | .00007        | .00152        | .00008        | .00004        | .00019        |
| %RSD   | .60085        | 4.0708        | .73628        | 1.2493        | 1.1583        | .37044        | .10211        | .10512        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.02681</b> | <b>.00289</b> | <b>.03223</b> | <b>.00575</b> | <b>.12952</b> | <b>.02029</b> | <b>.03757</b> | <b>.17894</b> |
| #2 | <b>.02713</b> | <b>.00313</b> | <b>.03176</b> | <b>.00584</b> | <b>.13218</b> | <b>.02044</b> | <b>.03752</b> | <b>.17908</b> |
| #3 | <b>.02692</b> | <b>.00296</b> | <b>.03204</b> | <b>.00570</b> | <b>.13212</b> | <b>.02036</b> | <b>.03749</b> | <b>.17931</b> |

|        |               |               |               |                |               |               |               |  |
|--------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--|
| 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    | <b>.00699</b> | <b>.02054</b> | <b>.00203</b> | <b>-.00010</b> | <b>.00096</b> | <b>.00720</b> | <b>.22790</b> |  |
| Stddev | .00004        | .00008        | .00002        | .00007         | .00006        | .00039        | .00132        |  |
| %RSD   | .59474        | .40877        | 1.2046        | 70.756         | 6.7549        | 5.3987        | .58107        |  |

|    |               |               |               |                |               |               |               |  |
|----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--|
| #1 | <b>.00696</b> | <b>.02046</b> | <b>.00202</b> | <b>-.00005</b> | <b>.00103</b> | <b>.00719</b> | <b>.22942</b> |  |
| #2 | <b>.00703</b> | <b>.02054</b> | <b>.00201</b> | <b>-.00018</b> | <b>.00091</b> | <b>.00760</b> | <b>.22701</b> |  |
| #3 | <b>.00696</b> | <b>.02063</b> | <b>.00206</b> | <b>-.00006</b> | <b>.00093</b> | <b>.00682</b> | <b>.22727</b> |  |

Sample Name: S1      Acquired: 6/11/2025 12:41:15      Type: Cal  
Method: 6010-200.7 NEW(v5)      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       | 3046.4 | 70195. | 15367. | 2259.2 | 4239.0 |
| Stddev    | 7.2    | 148.   | 37.    | 14.2   | 6.6    |
| %RSD      | .23704 | .21120 | .23907 | .62888 | .15674 |
| #1        | 3041.9 | 70135. | 15389. | 2250.3 | 4243.1 |
| #2        | 3054.7 | 70086. | 15325. | 2251.7 | 4242.6 |
| #3        | 3042.6 | 70364. | 15387. | 2275.6 | 4231.3 |

Sample Name: S2      Acquired: 6/11/2025 12:45:37      Type: Cal  
Method: 6010-200.7 NEW(v5)      Mode: IR      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        | Cd2265        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.05267</b> | <b>.09362</b> | <b>.19867</b> | <b>.06579</b> | <b>.10463</b> | <b>.18917</b> | <b>4.4988</b> | <b>.13849</b> | <b>1.1267</b> |
| Stddev | .00036        | .00057        | .00066        | .00049        | .00066        | .00109        | .0386         | .00112        | .0024         |
| %RSD   | .68975        | .60610        | .33002        | .73778        | .63396        | .57468        | .85760        | .80567        | .21742        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05244 | .09366 | .19851 | .06563 | .10420 | .19041 | 4.5430 | .13975 | 1.1295 |
| #2 | .05249 | .09303 | .19811 | .06540 | .10430 | .18838 | 4.4718 | .13812 | 1.1252 |
| #3 | .05309 | .09416 | .19939 | .06633 | .10540 | .18872 | 4.4816 | .13761 | 1.1254 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        | Ni2316        | Ag3280        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.19495</b> | <b>.01971</b> | <b>.35809</b> | <b>.16855</b> | <b>.00549</b> | <b>.23500</b> | <b>.05689</b> | <b>.25798</b> | <b>.06071</b> |
| Stddev | .00180        | .00016        | .00024        | .00068        | .00006        | .00126        | .00099        | .00031        | .00011        |
| %RSD   | .92224        | .82416        | .06636        | .40641        | 1.1105        | .53752        | 1.7464        | .12047        | .18790        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19322 | .01984 | .35806 | .16780 | .00542 | .23457 | .05604 | .25798 | .06084 |
| #2 | .19681 | .01975 | .35787 | .16868 | .00554 | .23642 | .05798 | .25830 | .06069 |
| #3 | .19481 | .01953 | .35834 | .16915 | .00551 | .23400 | .05665 | .25767 | .06061 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        | Sn1899        | Ti3361        | Si2881        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.06117</b> | <b>.05803</b> | <b>1.2369</b> | <b>.03949</b> | <b>.29445</b> | <b>.73694</b> | <b>.12076</b> | <b>.36562</b> | <b>.00410</b> |
| Stddev | .00034        | .00028        | .0030         | .00038        | .00182        | .00336        | .00035        | .00090        | .00002        |
| %RSD   | .55259        | .47656        | .23981        | .96412        | .61678        | .45537        | .28968        | .24679        | .53840        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06156 | .05777 | 1.2403 | .03979 | .29625 | .73446 | .12106 | .36550 | .00409 |
| #2 | .06093 | .05832 | 1.2348 | .03906 | .29448 | .73559 | .12038 | .36657 | .00412 |
| #3 | .06103 | .05801 | 1.2356 | .03961 | .29262 | .74076 | .12084 | .36478 | .00408 |

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.03042</b> | <b>.02519</b> | <b>.29991</b> | <b>7.7272</b> |
| Stddev | .00026        | .00013        | .00604        | .0568         |
| %RSD   | .84533        | .53324        | 2.0153        | .73437        |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .03039 | .02532 | .30683 | 7.7921 |
| #2 | .03019 | .02521 | .29570 | 7.6869 |
| #3 | .03070 | .02505 | .29718 | 7.7027 |

Sample Name: S2      Acquired: 6/11/2025 12:45:37      Type: Cal  
Method: 6010-200.7 NEW(v5)      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       | 3038.4 | 69923. | 14991. | 2269.5 | 4182.5 |
| Stddev    | 30.5   | 138.   | 16.    | 22.9   | 26.0   |
| %RSD      | 1.0033 | .19788 | .10803 | 1.0072 | .62075 |
| #1        | 3070.4 | 70062. | 14974. | 2294.8 | 4209.5 |
| #2        | 3034.9 | 69920. | 14993. | 2263.5 | 4180.3 |
| #3        | 3009.8 | 69786. | 15006. | 2250.3 | 4157.7 |

Sample Name: S3      Acquired: 6/11/2025 12:49:40      Type: Cal  
Method: 6010-200.7 NEW(v5)      Mode: IR      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        | Cd2265        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.16372</b> | <b>.28379</b> | <b>.60753</b> | <b>.20365</b> | <b>.32240</b> | <b>.57524</b> | <b>13.200</b> | <b>.43961</b> | <b>3.4521</b> |
| Stddev | .00078        | .00134        | .00291        | .00018        | .00038        | .00288        | .146          | .00252        | .0152         |
| %RSD   | .47868        | .47225        | .47935        | .09032        | .11749        | .50062        | 1.1029        | .57341        | .44034        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16281 | .28395 | .60623 | .20373 | .32207 | .57197 | 13.100 | .43762 | 3.4484 |
| #2 | .16417 | .28237 | .60550 | .20343 | .32231 | .57635 | 13.367 | .43877 | 3.4391 |
| #3 | .16416 | .28504 | .61087 | .20377 | .32281 | .57740 | 13.134 | .44244 | 3.4688 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        | Ni2316        | Ag3280        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.57374</b> | <b>.05810</b> | <b>1.0956</b> | <b>.50960</b> | <b>.01514</b> | <b>.68864</b> | <b>.17109</b> | <b>.78621</b> | <b>.18194</b> |
| Stddev | .00091        | .00023        | .0038         | .00155        | .00014        | .00401        | .00061        | .00222        | .00068        |
| %RSD   | .15866        | .40226        | .35011        | .30402        | .94458        | .58198        | .35522        | .28241        | .37491        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .57464 | .05784 | 1.0951 | .50793 | .01527 | .68403 | .17125 | .78549 | .18148 |
| #2 | .57282 | .05828 | 1.0921 | .50990 | .01517 | .69132 | .17160 | .78443 | .18161 |
| #3 | .57377 | .05819 | 1.0997 | .51098 | .01499 | .69055 | .17042 | .78870 | .18272 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        | Sn1899        | Ti3361        | Si2881        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.17372</b> | <b>.17319</b> | <b>3.6785</b> | <b>.11345</b> | <b>.94685</b> | <b>2.2073</b> | <b>.37047</b> | <b>1.0892</b> | <b>.01168</b> |
| Stddev | .00080        | .00024        | .0050         | .00048        | .00294        | .0050         | .00190        | .0043         | .00005        |
| %RSD   | .46073        | .13935        | .13537        | .42059        | .31062        | .22468        | .51268        | .39825        | .45778        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17295 | .17324 | 3.6780 | .11303 | .94511 | 2.2029 | .36991 | 1.0846 | .01162 |
| #2 | .17366 | .17293 | 3.6738 | .11334 | .94520 | 2.2063 | .36892 | 1.0898 | .01170 |
| #3 | .17455 | .17341 | 3.6837 | .11397 | .95025 | 2.2127 | .37259 | 1.0933 | .01172 |

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.09846</b> | <b>.08082</b> | <b>.97313</b> | <b>22.822</b> |
| Stddev | .00050        | .00021        | .00942        | .066          |
| %RSD   | .50807        | .25391        | .96827        | .28715        |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .09887 | .08094 | .96449 | 22.896 |
| #2 | .09790 | .08058 | .97174 | 22.800 |
| #3 | .09861 | .08094 | .98317 | 22.771 |

Sample Name: S3      Acquired: 6/11/2025 12:49:40      Type: Cal  
Method: 6010-200.7 NEW(v5)      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       | 2902.0 | 67968. | 13838. | 2177.0 | 3903.6 |
| Stddev    | 14.4   | 40.    | 15.    | 9.3    | 13.7   |
| %RSD      | .49706 | .05934 | .10614 | .42854 | .35107 |
| #1        | 2910.5 | 67927. | 13844. | 2166.6 | 3913.2 |
| #2        | 2885.3 | 67968. | 13848. | 2180.0 | 3887.9 |
| #3        | 2910.1 | 68008. | 13821. | 2184.5 | 3909.8 |

Sample Name: S4      Acquired: 6/11/2025 12:53:54      Type: Cal  
Method: 6010-200.7 NEW(v5)      Mode: IR      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        | Cd2265        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.32613</b> | <b>.55687</b> | <b>1.1870</b> | <b>.40421</b> | <b>.64697</b> | <b>1.1460</b> | <b>27.209</b> | <b>.80772</b> | <b>6.7903</b> |
| Stddev | .00216        | .00149        | .0003         | .00210        | .00504        | .0023         | .102          | .00596        | .0047         |
| %RSD   | .66313        | .26713        | .02742        | .52048        | .77848        | .19791        | .37614        | .73788        | .06895        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32442 | .55600 | 1.1869 | .40330 | .64410 | 1.1434 | 27.307 | .80780 | 6.7912 |
| #2 | .32541 | .55859 | 1.1874 | .40271 | .64402 | 1.1475 | 27.103 | .80172 | 6.7945 |
| #3 | .32856 | .55603 | 1.1867 | .40661 | .65278 | 1.1471 | 27.217 | .81364 | 6.7852 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        | Ni2316        | Ag3280        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.1328</b> | <b>.11335</b> | <b>2.1591</b> | <b>1.0001</b> | <b>.03267</b> | <b>1.3587</b> | <b>.33778</b> | <b>1.5393</b> | <b>.36383</b> |
| Stddev | .0107         | .00081        | .0030         | .0051         | .00037        | .0088         | .00322        | .0022         | .00106        |
| %RSD   | .94282        | .71589        | .14099        | .51008        | 1.1178        | .64958        | .95339        | .14506        | .29071        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1421 | .11413 | 2.1559 | .99623 | .03309 | 1.3670 | .34120 | 1.5371 | .36474 |
| #2 | 1.1211 | .11341 | 2.1595 | .99817 | .03253 | 1.3495 | .33480 | 1.5392 | .36408 |
| #3 | 1.1352 | .11251 | 2.1620 | 1.0059 | .03240 | 1.3598 | .33734 | 1.5415 | .36267 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        | Sn1899        | Ti3361        | Si2881        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.39455</b> | <b>.34852</b> | <b>7.3105</b> | <b>.25099</b> | <b>1.7511</b> | <b>4.3845</b> | <b>.72698</b> | <b>2.1941</b> | <b>.02569</b> |
| Stddev | .00269        | .00128        | .0391         | .00155        | .0095         | .0221         | .00065        | .0039         | .00009        |
| %RSD   | .68116        | .36764        | .53411        | .61859        | .54493        | .50313        | .09006        | .17724        | .35731        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .39434 | .34918 | 7.3383 | .25115 | 1.7487 | 4.3692 | .72769 | 2.1927 | .02580 |
| #2 | .39734 | .34704 | 7.3274 | .25246 | 1.7429 | 4.3746 | .72685 | 2.1910 | .02562 |
| #3 | .39198 | .34933 | 7.2658 | .24937 | 1.7616 | 4.4098 | .72640 | 2.1984 | .02567 |

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.19723</b> | <b>.16087</b> | <b>2.0490</b> | <b>45.901</b> |
| Stddev | .00028        | .00051        | .0186         | .202          |
| %RSD   | .14119        | .31423        | .90859        | .43950        |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .19697 | .16049 | 2.0281 | 45.774 |
| #2 | .19719 | .16068 | 2.0639 | 46.134 |
| #3 | .19753 | .16144 | 2.0549 | 45.796 |

Sample Name: S4      Acquired: 6/11/2025 12:53:54      Type: Cal  
Method: 6010-200.7 NEW(v5)      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       | 2851.2 | 66226. | 14747. | 2095.7 | 3814.1 |
| Stddev    | 26.1   | 314.   | 49.    | 11.7   | 23.2   |
| %RSD      | .91422 | .47457 | .33261 | .55722 | .60835 |
| #1        | 2867.0 | 66019. | 14775. | 2095.9 | 3827.0 |
| #2        | 2865.4 | 66072. | 14775. | 2083.9 | 3828.0 |
| #3        | 2821.1 | 66588. | 14690. | 2107.3 | 3787.3 |

Sample Name: S5      Acquired: 6/11/2025 12:58:05      Type: Cal  
Method: 6010-200.7 NEW(v5)      Mode: IR      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        | Cd2265        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.66418</b> | <b>1.0809</b> | <b>2.3669</b> | <b>.82228</b> | <b>1.3249</b> | <b>2.3920</b> | <b>54.798</b> | <b>1.6418</b> | <b>13.631</b> |
| Stddev | .00356        | .0065         | .0039         | .00558        | .0069         | .0079         | .219          | .0059         | .021          |
| %RSD   | .53664        | .60383        | .16335        | .67874        | .51795        | .33136        | .39931        | .35702        | .15539        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66057 | 1.0806 | 2.3660 | .81713 | 1.3177 | 2.4010 | 54.808 | 1.6451 | 13.629 |
| #2 | .66427 | 1.0745 | 2.3636 | .82151 | 1.3256 | 2.3889 | 54.575 | 1.6453 | 13.611 |
| #3 | .66769 | 1.0876 | 2.3712 | .82821 | 1.3313 | 2.3861 | 55.012 | 1.6350 | 13.653 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        | Ni2316        | Ag3280        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.2891</b> | <b>.22391</b> | <b>4.3654</b> | <b>2.0046</b> | <b>.06422</b> | <b>2.7440</b> | <b>.69108</b> | <b>3.0901</b> | <b>.73122</b> |
| Stddev | .0126         | .00079        | .0050         | .0059         | .00047        | .0175         | .00279        | .0042         | .00157        |
| %RSD   | .54973        | .35477        | .11354        | .29320        | .72731        | .63701        | .40315        | .13473        | .21429        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3032 | .22385 | 4.3604 | 1.9981 | .06476 | 2.7640 | .69415 | 3.0864 | .73300 |
| #2 | 2.2848 | .22473 | 4.3653 | 2.0060 | .06392 | 2.7366 | .69039 | 3.0893 | .73065 |
| #3 | 2.2791 | .22315 | 4.3704 | 2.0096 | .06398 | 2.7314 | .68870 | 3.0946 | .73003 |

|        |               |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        | Sn1899        | Ti3361        | Si2881        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.81030</b> | <b>.70859</b> | <b>14.466</b> | <b>.52024</b> | <b>3.5837</b> | <b>8.7739</b> | <b>1.4468</b> | <b>4.4682</b> | <b>.05217</b> |
| Stddev | .00745        | .00236        | .075          | .00408        | .0061         | .0305         | .0029         | .0249         | .00015        |
| %RSD   | .92000        | .33357        | .51692        | .78397        | .16995        | .34735        | .20370        | .55630        | .28674        |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81890 | .71117 | 14.540 | .52491 | 3.5883 | 8.7456 | 1.4479 | 4.4960 | .05226 |
| #2 | .80569 | .70807 | 14.390 | .51741 | 3.5861 | 8.7700 | 1.4434 | 4.4608 | .05200 |
| #3 | .80631 | .70653 | 14.469 | .51839 | 3.5768 | 8.8062 | 1.4490 | 4.4479 | .05225 |

|        |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|
| Elem   | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.39850</b> | <b>.33265</b> | <b>4.3522</b> | <b>91.030</b> |
| Stddev | .00077        | .00103        | .0459         | .218          |
| %RSD   | .19218        | .31095        | 1.0557        | .23893        |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .39774 | .33206 | 4.4037 | 90.928 |
| #2 | .39851 | .33204 | 4.3378 | 91.280 |
| #3 | .39927 | .33384 | 4.3152 | 90.883 |

Sample Name: S5      Acquired: 6/11/2025 12:58:05      Type: Cal  
Method: 6010-200.7 NEW(v5)      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       | 2709.7 | 64665. | 14062. | 1996.5 | 3582.4 |
| Stddev    | 12.1   | 280.   | 35.    | 22.2   | 13.4   |
| %RSD      | .44618 | .43365 | .25119 | 1.1100 | .37536 |
| #1        | 2722.4 | 64357. | 14021. | 1979.9 | 3593.9 |
| #2        | 2698.2 | 64905. | 14079. | 2021.6 | 3567.6 |
| #3        | 2708.6 | 64733. | 14085. | 1987.8 | 3585.8 |

Sample Name: ICV01      Acquired: 6/11/2025 13:53:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>3.733906</b> | <b>3.841446</b> | <b>3.714121</b> | <b>3.774762</b> | <b>3.947533</b> | <b>7.534116</b> |
| Stddev | .007092         | .048246         | .011639         | .023837         | .020759         | .028690         |
| %RSD   | .1899414        | 1.255938        | .3133653        | .6314795        | .5258764        | .3807995        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.727326 | 3.797802 | 3.721436 | 3.749086 | 3.924748 | 7.564266 |
| #2 | 3.741418 | 3.893253 | 3.700700 | 3.779012 | 3.952479 | 7.507152 |
| #3 | 3.732974 | 3.833283 | 3.720227 | 3.796188 | 3.965373 | 7.530932 |

|        |                 |                  |                 |                 |                 |                 |
|--------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348           | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm              | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.692235</b> | <b>1.1894603</b> | <b>1.846649</b> | <b>18.29275</b> | <b>.7653309</b> | <b>1.901656</b> |
| Stddev | .063111         | .0009720         | .005889         | .14178          | .0025629        | .005143         |
| %RSD   | .8204547        | .5130184         | .3188905        | .7750483        | .3348746        | .2704451        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.754209 | .1905272 | 1.851746 | 18.20662 | .7654577 | 1.904996 |
| #2 | 7.628045 | .1892287 | 1.840202 | 18.21525 | .7678281 | 1.895733 |
| #3 | 7.694453 | .1886251 | 1.847998 | 18.45639 | .7627070 | 1.904237 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9719131</b> | <b>3.761641</b> | <b>1.858656</b> | <b>18.21896</b> | <b>1.893485</b> | <b>.9404018</b> |
| Stddev | .0027550        | .042267         | .010402         | .14122          | .006135         | .0034021        |
| %RSD   | .2834630        | 1.123623        | .5596362        | .7751178        | .3240099        | .3617666        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9695052 | 3.720481 | 1.852518 | 18.15571 | 1.895381 | .9364937 |
| #2 | .9713166 | 3.759507 | 1.852785 | 18.12042 | 1.886626 | .9427008 |
| #3 | .9749175 | 3.804934 | 1.870666 | 18.38075 | 1.898449 | .9420109 |

|        |                 |                 |                 |                 |                   |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496            | Mo2020            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm               |
| Avg    | <b>19.38963</b> | <b>1.872311</b> | <b>1.909487</b> | <b>18.89052</b> | <b>F .0043696</b> | <b>F -.002455</b> |
| Stddev | .09093          | .002056         | .017103         | .10403          | .0004001          | .000070           |
| %RSD   | .4689610        | .1098072        | .8956938        | .5506959        | 9.155598          | 2.862682          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 19.28730 | 1.874028 | 1.891093 | 18.77081 | .0039111 | -.002444 |
| #2 | 19.46114 | 1.870033 | 1.912458 | 18.94174 | .0046480 | -.002530 |
| #3 | 19.42046 | 1.872873 | 1.924910 | 18.95901 | .0045496 | -.002391 |

Sample Name: ICV01      Acquired: 6/11/2025 13:53:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | F -.002078 | F -.004578 | F -.044950 | F .0001791 | F .0046711 | F .0018107 |
| Stddev | .000573    | .000320    | .002472    | .0013775   | .0018855   | .0018609   |
| %RSD   | 27.57862   | 6.996859   | 5.499473   | 768.8890   | 40.36588   | 102.7693   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001594 | -.004816 | -.043184 | .0017500 | .0039196 | .0039591 |
| #2 | -.001928 | -.004214 | -.043892 | -.000822 | .0032772 | .0007028 |
| #3 | -.002711 | -.004705 | -.047775 | -.000390 | .0068165 | .0007703 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.005831 |
| Stddev | .000048    |
| %RSD   | .8240023   |

|    |          |
|----|----------|
| #1 | -.005789 |
| #2 | -.005884 |
| #3 | -.005821 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2914.200 | 69361.82 | 15339.34 | 2164.893 | 4008.681 |
| Stddev    | 15.361   | 293.98   | 40.49    | 28.180   | 10.678   |
| %RSD      | .5271233 | .4238348 | .2639305 | 1.301672 | .2663632 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2929.432 | 69674.93 | 15314.14 | 2188.611 | 4014.793 |
| #2 | 2914.456 | 69318.84 | 15386.04 | 2172.327 | 4014.898 |
| #3 | 2898.713 | 69091.70 | 15317.85 | 2133.742 | 3996.351 |

Sample Name: LLICV01      Acquired: 6/11/2025 13:57:56      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0200786</b> | <b>.0361503</b> | <b>.0108264</b> | <b>.0208400</b> | <b>.0509437</b> | <b>.1006076</b> | <b>.0927701</b> |
| Stddev | .0000631        | .0007267        | .0012605        | .0043730        | .0008168        | .0008833        | .0002539        |
| %RSD   | .3140960        | 2.010269        | 11.64296        | 20.98396        | 1.603296        | .8779683        | .2737120        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0200994 | .0360601 | .0095687 | .0243039 | .0502438 | .1015590 | .0926544 |
| #2 | .0201286 | .0354730 | .0120897 | .0222899 | .0518411 | .0998135 | .0925946 |
| #3 | .0200078 | .0369180 | .0108210 | .0159261 | .0507462 | .1004502 | .0930612 |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0058118</b> | <b>.0048396</b> | <b>1.999008</b> | <b>.0097323</b> | <b>.0287987</b> | <b>.0217180</b> | <b>.1026268</b> |
| Stddev | .0000908        | .0000198        | .015526         | .0000492        | .0003333        | .0000452        | .0033252        |
| %RSD   | 1.563101        | .4081931        | .7766834        | .5058163        | 1.157195        | .2080698        | 3.240091        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058389 | .0048358 | 1.983589 | .0097659 | .0291829 | .0216730 | .1016342 |
| #2 | .0058861 | .0048221 | 1.998797 | .0096758 | .0285880 | .0217178 | .1063353 |
| #3 | .0057105 | .0048610 | 2.014638 | .0097552 | .0286252 | .0217634 | .0999109 |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0193972</b> | <b>1.986937</b> | <b>.0394062</b> | <b>.0098171</b> | <b>1.913376</b> | <b>.0371729</b> | <b>.0410955</b> |
| Stddev | .0000681        | .009316         | .0002133        | .0002622        | .015000         | .0009455        | .0000807        |
| %RSD   | .3510999        | .4688377        | .5413668        | 2.670401        | .7839730        | 2.543489        | .1963318        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0193997 | 1.983274 | .0396522 | .0100710 | 1.930334 | .0371811 | .0411395 |
| #2 | .0193279 | 1.980010 | .0392730 | .0098329 | 1.907952 | .0362233 | .0410024 |
| #3 | .0194640 | 1.997527 | .0392933 | .0095474 | 1.901842 | .0381142 | .0411446 |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.888030</b> | <b>.0950871</b> | <b>.1957221</b> | <b>.0362415</b> | <b>.0363922</b> | <b>.3542023</b> | <b>.0196645</b> |
| Stddev | .016962         | .0009966        | .0006024        | .0005487        | .0001090        | .0042140        | .0029312        |
| %RSD   | .8984157        | 1.048077        | .3077829        | 1.513984        | .2994412        | 1.189726        | 14.90634        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.868909 | .0948423 | .1950323 | .0368519 | .0362789 | .3590511 | .0171272 |
| #2 | 1.901267 | .0942357 | .1959889 | .0357892 | .0364015 | .3514248 | .0228732 |
| #3 | 1.893915 | .0961833 | .1961449 | .0360835 | .0364962 | .3521309 | .0189930 |

Sample Name: LLICV01      Acquired: 6/11/2025 13:57:56      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0198930 | .0169108 | .0191138 |
| Stddev | .0028449 | .0010371 | .0000553 |
| %RSD   | 14.30091 | 6.132502 | .2894034 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0195054 | .0178276 | .0191223 |
| #2 | .0172618 | .0157853 | .0190546 |
| #3 | .0229119 | .0171195 | .0191643 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2948.485 | 71326.41 | 15619.07 | 2212.589 | 4203.015 |
| Stddev    | 11.686   | 367.60   | 58.21    | 6.718    | 18.429   |
| %RSD      | .3963507 | .5153831 | .3726902 | .3036327 | .4384826 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2957.071 | 71026.27 | 15648.41 | 2207.410 | 4210.701 |
| #2 | 2953.208 | 71216.53 | 15656.77 | 2210.177 | 4216.357 |
| #3 | 2935.177 | 71736.42 | 15552.03 | 2220.180 | 4181.986 |

Sample Name: ICB01      Acquired: 6/11/2025 14:03:12      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002255</b> | <b>-.004445</b> | <b>-.002386</b> | <b>.0000724</b> | <b>-.001516</b> | <b>-.004002</b> | <b>-.009927</b> |
| Stddev | .001317         | .000603         | .000880         | .0005809        | .001310         | .002586         | .000355         |
| %RSD   | 58.40634        | 13.57078        | 36.89646        | 802.0933        | 86.41108        | 64.63087        | 3.580227        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003270</b> | <b>-.004450</b> | <b>-.001511</b> | <b>.0005225</b> | <b>-.001680</b> | <b>-.002806</b> | <b>-.009680</b> |
| #2 | <b>-.000767</b> | <b>-.003839</b> | <b>-.002375</b> | <b>-.000583</b> | <b>-.000132</b> | <b>-.006969</b> | <b>-.009767</b> |
| #3 | <b>-.002728</b> | <b>-.005046</b> | <b>-.003272</b> | <b>.000278</b>  | <b>-.002736</b> | <b>-.002230</b> | <b>-.010334</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000217</b> | <b>-.001258</b> | <b>-.010787</b> | <b>-.000430</b> | <b>-.001262</b> | <b>-.000454</b> | <b>.0010941</b> |
| Stddev | .000052         | .000024         | .004514         | .000118         | .000056         | .000168         | .0010967        |
| %RSD   | 24.09575        | 1.913446        | 41.84407        | 27.40124        | 4.400283        | 36.91886        | 100.2456        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000233</b> | <b>-.001275</b> | <b>-.015064</b> | <b>-.000303</b> | <b>-.001268</b> | <b>-.000315</b> | <b>.0022283</b> |
| #2 | <b>-.000159</b> | <b>-.001269</b> | <b>-.006069</b> | <b>-.000452</b> | <b>-.001314</b> | <b>-.000641</b> | <b>.0000391</b> |
| #3 | <b>-.000260</b> | <b>-.001231</b> | <b>-.011228</b> | <b>-.000535</b> | <b>-.001204</b> | <b>-.000407</b> | <b>.0010148</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001681</b> | <b>-.019975</b> | <b>-.001479</b> | <b>-.000408</b> | <b>-.066891</b> | <b>-.001304</b> | <b>-.001097</b> |
| Stddev | .000194         | .005066         | .000247         | .000126         | .001767         | .000652         | .000301         |
| %RSD   | 11.53062        | 25.36192        | 16.70339        | 30.83145        | 2.640973        | 49.94944        | 27.46315        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001508</b> | <b>-.024702</b> | <b>-.001761</b> | <b>-.000485</b> | <b>-.064866</b> | <b>-.002053</b> | <b>-.001429</b> |
| #2 | <b>-.001890</b> | <b>-.020596</b> | <b>-.001303</b> | <b>-.000476</b> | <b>-.067693</b> | <b>-.000996</b> | <b>-.001023</b> |
| #3 | <b>-.001646</b> | <b>-.014627</b> | <b>-.001372</b> | <b>-.000263</b> | <b>-.068114</b> | <b>-.000865</b> | <b>-.000840</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.030629</b> | <b>-.003121</b> | <b>-.002462</b> | <b>-.002366</b> | <b>-.002427</b> | <b>-.010353</b> | <b>-.000864</b> |
| Stddev | .003579         | .000735         | .000091         | .000094         | .000655         | .006167         | .001104         |
| %RSD   | 11.68516        | 23.55487        | 3.711210        | 3.971845        | 26.97536        | 59.56555        | 127.7546        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.031700</b> | <b>-.003867</b> | <b>-.002540</b> | <b>-.002462</b> | <b>-.002968</b> | <b>-.003293</b> | <b>-.000025</b> |
| #2 | <b>-.033550</b> | <b>-.003098</b> | <b>-.002361</b> | <b>-.002274</b> | <b>-.001699</b> | <b>-.013080</b> | <b>-.002114</b> |
| #3 | <b>-.026637</b> | <b>-.002398</b> | <b>-.002484</b> | <b>-.002363</b> | <b>-.002613</b> | <b>-.014685</b> | <b>-.000452</b> |

Sample Name: ICB01      Acquired: 6/11/2025 14:03:12      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003580</b> | <b>-.003515</b> | <b>-.002507</b> |
| Stddev | .001388         | .000736         | .000041         |
| %RSD   | 38.76147        | 20.92976        | 1.635821        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002347</b> | <b>-.003604</b> | <b>-.002533</b> |
| #2 | <b>-.005083</b> | <b>-.004201</b> | <b>-.002528</b> |
| #3 | <b>-.003310</b> | <b>-.002738</b> | <b>-.002460</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3032.299</b> | <b>71682.85</b> | <b>15160.91</b> | <b>2231.390</b> | <b>4409.767</b> |
| Stddev    | 28.645          | 52.27           | 23.34           | 7.322           | 31.933          |
| %RSD      | .9446668        | .0729197        | .1539527        | .3281443        | .7241330        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3022.787 | 71727.27 | 15148.56 | 2237.144 | 4401.868 |
| #2 | 3064.491 | 71696.02 | 15146.35 | 2223.148 | 4444.907 |
| #3 | 3009.621 | 71625.25 | 15187.83 | 2233.878 | 4382.524 |

Sample Name: CRI01      Acquired: 6/11/2025 14:07:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0187463 | .0340263 | .0099244 | .0201207 | .0479831 | .1004083 | .0899300 |
| Stddev | .0011325 | .0012882 | .0009796 | .0017471 | .0012924 | .0028527 | .0007423 |
| %RSD   | 6.041192 | 3.785844 | 9.870663 | 8.682952 | 2.693438 | 2.841142 | .8254377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0180358 | .0326062 | .0101345 | .0207527 | .0494537 | .0976180 | .0892041 |
| #2 | .0181509 | .0351196 | .0107820 | .0181455 | .0474676 | .1033197 | .0898981 |
| #3 | .0200524 | .0343530 | .0088568 | .0214638 | .0470280 | .1002873 | .0906877 |

| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061023 | .0046319 | 1.989418 | .0094239 | .0282568 | .0212791 | .0995984 |
| Stddev | .0000539 | .0000556 | .010120  | .0002161 | .0001271 | .0002191 | .0048166 |
| %RSD   | .8824500 | 1.200279 | .5086795 | 2.293008 | .4497021 | 1.029584 | 4.835992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060461 | .0045749 | 1.979935 | .0091763 | .0282142 | .0211950 | .1047306 |
| #2 | .0061074 | .0046349 | 1.988246 | .0095740 | .0281564 | .0215278 | .0988886 |
| #3 | .0061535 | .0046860 | 2.000072 | .0095215 | .0283997 | .0211146 | .0951762 |

| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193411 | 2.014795 | .0387496 | .0099327 | 1.779696 | .0359583 | .0412533 |
| Stddev | .0004276 | .002372  | .0002145 | .0001053 | .014266  | .0005145 | .0004841 |
| %RSD   | 2.210779 | .1177408 | .5536547 | 1.060043 | .8016051 | 1.430829 | 1.173482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0190123 | 2.016350 | .0389529 | .0098192 | 1.768872 | .0357486 | .0408784 |
| #2 | .0198244 | 2.015970 | .0385254 | .0100272 | 1.774355 | .0365445 | .0410816 |
| #3 | .0191865 | 2.012064 | .0387706 | .0099518 | 1.795862 | .0355817 | .0417998 |

| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.795280 | .0994590 | .1936813 | .0357909 | .0358899 | .3295914 | .0199843 |
| Stddev | .022189  | .0011803 | .0005880 | .0005023 | .0003604 | .0022635 | .0014839 |
| %RSD   | 1.235982 | 1.186686 | .3035902 | 1.403457 | 1.004238 | .6867439 | 7.425327 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.769659 | .1006313 | .1934274 | .0358452 | .0362310 | .3272155 | .0209379 |
| #2 | 1.807894 | .0982709 | .1943536 | .0362639 | .0355129 | .3317226 | .0182746 |
| #3 | 1.808288 | .0994748 | .1932630 | .0352636 | .0359257 | .3298360 | .0207403 |

Sample Name: CRI01      Acquired: 6/11/2025 14:07:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0212305 | .0162041 | .0186157 |
| Stddev | .0016218 | .0016842 | .0000989 |
| %RSD   | 7.639179 | 10.39375 | .5311682 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0230692 | .0181266 | .0187008 |
| #2 | .0206189 | .0154969 | .0186390 |
| #3 | .0200034 | .0149888 | .0185072 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3040.218 | 70903.72 | 14885.75 | 2223.067 | 4363.197 |
| Stddev    | 8.182    | 93.37    | 3.80     | 7.591    | 7.983    |
| %RSD      | .2691385 | .1316787 | .0255344 | .3414816 | .1829551 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3046.384 | 70931.47 | 14887.72 | 2231.676 | 4363.131 |
| #2 | 3030.936 | 70799.63 | 14881.37 | 2220.193 | 4355.247 |
| #3 | 3043.335 | 70980.07 | 14888.16 | 2217.332 | 4371.212 |

Sample Name: ICSA01      Acquired: 6/11/2025 14:14:19      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0053426 | -.007007 | -.002247 | .0136721 | -.006512 | 253.0677 |
| Stddev | .0031933 | .003344  | .000897  | .0018628 | .003835  | .7741    |
| %RSD   | 59.77029 | 47.71827 | 39.90881 | 13.62499 | 58.88253 | .3058912 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0017474 | -.006530 | -.002412 | .0135483 | -.007041 | 252.1950 |
| #2 | .0064308 | -.003927 | -.003049 | .0155938 | -.002441 | 253.3363 |
| #3 | .0078495 | -.010563 | -.001279 | .0118743 | -.010055 | 253.6717 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005254 | .0008682 | .0035744 | 235.3428 | .0443198 | -.000130 |
| Stddev | .000111  | .0000810 | .0000569 | .8797    | .0003910 | .000143  |
| %RSD   | 2.121632 | 9.326483 | 1.592478 | .3737984 | .8822334 | 109.4117 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005256 | .0007785 | .0035907 | 234.3517 | .0443863 | -.000115 |
| #2 | -.005141 | .0009359 | .0035110 | 235.6453 | .0438998 | -.000280 |
| #3 | -.005364 | .0008902 | .0036213 | 236.0313 | .0446733 | .000004  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006251 | 94.46986 | .0020064 | 256.1226 | .0011920 | -.001497 |
| Stddev | .000198  | .53131   | .0002737 | 1.2175   | .0004102 | .000458  |
| %RSD   | 3.171105 | .5624115 | 13.64034 | .4753513 | 34.41030 | 30.60240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006070 | 93.86560 | .0020255 | 254.7206 | .0007215 | -.001976 |
| #2 | -.006221 | 94.86388 | .0017236 | 256.7334 | .0013801 | -.001063 |
| #3 | -.006463 | 94.68011 | .0022699 | 256.9137 | .0014744 | -.001452 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.011355 | .0018585 | .0053352 | -.013796 | F .1971975 | -.002419 |
| Stddev | .005042  | .0007623 | .0002029 | .020198  | .0008534   | .000071  |
| %RSD   | 44.40589 | 41.02087 | 3.802443 | 146.4069 | .4327366   | 2.944103 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.014032 | .0021626 | .0055541 | .001645  | .1962406 | -.002454 |
| #2 | -.005539 | .0024218 | .0051534 | -.036654 | .1974722 | -.002466 |
| #3 | -.014494 | .0009910 | .0052982 | -.006378 | .1978796 | -.002337 |

Sample Name: ICSA01      Acquired: 6/11/2025 14:14:19      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.008478</b> | <b>-.004904</b> | <b>.0077983</b> | <b>.0017400</b> | <b>-.006378</b> | <b>F .0847191</b> |
| Stddev | .000768         | .000610         | .0055602        | .0051424        | .004942         | .0008768          |
| %RSD   | 9.054466        | 12.44787        | 71.29944        | 295.5304        | 77.49065        | 1.034894          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009144</b> | <b>-.004655</b> | <b>.0129124</b> | <b>-.000827</b> | <b>-.002233</b> | <b>.0846453</b> |
| #2 | <b>-.007638</b> | <b>-.004457</b> | <b>.0018797</b> | <b>-.001613</b> | <b>-.005054</b> | <b>.0856304</b> |
| #3 | <b>-.008653</b> | <b>-.005599</b> | <b>.0086029</b> | <b>.007661</b>  | <b>-.011848</b> | <b>.0838815</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0067802</b> |
| Stddev | .0005881        |
| %RSD   | 8.673576        |

|    |                 |
|----|-----------------|
| #1 | <b>.0074563</b> |
| #2 | <b>.0063871</b> |
| #3 | <b>.0064973</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2656.775</b> | <b>63358.27</b> | <b>14196.21</b> | <b>1955.403</b> | <b>3455.220</b> |
| Stddev    | 11.880          | 95.36           | 28.58           | 14.717          | 10.622          |
| %RSD      | .4471409        | .1505025        | .2013097        | .7526180        | .3074201        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2649.876</b> | <b>63428.92</b> | <b>14208.98</b> | <b>1959.693</b> | <b>3447.836</b> |
| #2 | <b>2670.492</b> | <b>63396.09</b> | <b>14216.18</b> | <b>1939.018</b> | <b>3467.393</b> |
| #3 | <b>2649.957</b> | <b>63249.81</b> | <b>14163.48</b> | <b>1967.498</b> | <b>3450.430</b> |

Sample Name: ICSAB01      Acquired: 6/11/2025 14:27:55      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0967141 | .0742466 | .0425451 | .0590706 | .5738983 | 241.8421 |
| Stddev | .0007154 | .0019252 | .0025836 | .0049350 | .0004596 | 3.4191   |
| %RSD   | .7396772 | 2.593006 | 6.072553 | 8.354462 | .0800840 | 1.413773 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0975223 | .0758495 | .0443095 | .0556072 | .5740014 | 238.0003 |
| #2 | .0961622 | .0721112 | .0395797 | .0647213 | .5742975 | 244.5507 |
| #3 | .0964578 | .0747791 | .0437462 | .0568834 | .5733959 | 242.9753 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4771850 | .4454609 | .9226435 | 226.9601 | .5055025 | .4675150 |
| Stddev | .0037535 | .0061593 | .0004392 | 3.5254   | .0022086 | .0002515 |
| %RSD   | .7865978 | 1.382689 | .0475971 | 1.553304 | .4369011 | .0537956 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4729650 | .4390052 | .9231268 | 222.9119 | .5029936 | .4672584 |
| #2 | .4801510 | .4461043 | .9222690 | 228.6135 | .5063609 | .4677611 |
| #3 | .4784389 | .4512733 | .9225346 | 229.3549 | .5071529 | .4675256 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4439342 | 96.53902 | .4616284 | 244.5858 | .9196629 | .2010775 |
| Stddev | .0011562 | .47865   | .0067496 | 4.1995   | .0006017 | .0005273 |
| %RSD   | .2604422 | .4958050 | 1.462118 | 1.717002 | .0654245 | .2622583 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4441976 | 96.09454 | .4538557 | 239.7677 | .9202490 | .2006342 |
| #2 | .4426691 | 97.04574 | .4660097 | 246.5195 | .9196932 | .2009376 |
| #3 | .4449361 | 96.47678 | .4650198 | 247.4701 | .9190467 | .2016607 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0148980 | .4534211 | .9916849 | -.024549 | F .2080172 | F -.002530 |
| Stddev | .0151091 | .0062514 | .0041332 | .008176  | .0014283   | .000269    |
| %RSD   | 101.4172 | 1.378721 | .4167804 | 33.30600 | .6866261   | 10.63940   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0030135 | .4466187 | .9881169 | -.016093 | .2074169 | -.002823 |
| #2 | .0097789 | .4589141 | .9962139 | -.025140 | .2096477 | -.002294 |
| #3 | .0319016 | .4547306 | .9907240 | -.032414 | .2069871 | -.002472 |

Sample Name: ICSAB01      Acquired: 6/11/2025 14:27:55      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | F <b>-.005275</b> | F <b>-.006383</b> | F <b>-.004880</b> | F <b>.0003799</b> | F <b>-.012354</b> | F <b>.0815250</b> |
| Stddev | .000852           | .000179           | .001826           | .0014419          | .003942           | .0011175          |
| %RSD   | 16.15122          | 2.807231          | 37.41886          | 379.5410          | 31.90700          | 1.370745          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005303 | -.006569 | -.004130 | .0003139 | -.010384 | .0815280 |
| #2 | -.004409 | -.006369 | -.003548 | -.001028 | -.016892 | .0826410 |
| #3 | -.006112 | -.006211 | -.006962 | .001854  | -.009785 | .0804060 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | F <b>.0012311</b> |
| Stddev | .0006051          |
| %RSD   | 49.15301          |

|    |          |
|----|----------|
| #1 | .0006151 |
| #2 | .0012534 |
| #3 | .0018247 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2652.083</b> | <b>62357.48</b> | <b>14847.45</b> | <b>1935.109</b> | <b>3458.973</b> |
| Stddev    | 6.245           | 285.83          | 161.13          | 15.658          | 2.829           |
| %RSD      | .2354899        | .4583723        | 1.085264        | .8091556        | .0817983        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2652.123 | 62323.91 | 15033.46 | 1938.371 | 3458.045 |
| #2 | 2658.308 | 62089.92 | 14758.09 | 1918.077 | 3462.150 |
| #3 | 2645.817 | 62658.62 | 14750.79 | 1948.879 | 3456.725 |

Sample Name: ICSADLX20      Acquired: 6/11/2025 14:32:51      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003204</b> | <b>-.003997</b> | <b>-.002536</b> | <b>.0004606</b> | <b>-.002651</b> | <b>11.45435</b> | <b>-.008984</b> |
| Stddev | .002182         | .001695         | .000468         | .0022869        | .000991         | .06166          | .000234         |
| %RSD   | 68.09634        | 42.39847        | 18.43958        | 496.5557        | 37.36087        | .5382996        | 2.601130        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004017</b> | <b>-.004096</b> | <b>-.002814</b> | <b>.0007976</b> | <b>-.003626</b> | <b>11.48929</b> | <b>-.009138</b> |
| #2 | <b>-.004862</b> | <b>-.005640</b> | <b>-.001996</b> | <b>-.001976</b> | <b>-.002682</b> | <b>11.49061</b> | <b>-.009100</b> |
| #3 | <b>-.000732</b> | <b>-.002255</b> | <b>-.002798</b> | <b>.002560</b>  | <b>-.001646</b> | <b>11.38316</b> | <b>-.008715</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000081</b> | <b>-.001141</b> | <b>11.33206</b> | <b>.0022629</b> | <b>-.001283</b> | <b>-.000834</b> | <b>4.601484</b> |
| Stddev | .000036         | .000087         | .02681          | .0002105        | .000179         | .000271         | .025484         |
| %RSD   | 44.15371        | 7.602812        | .2365582        | 9.304038        | 13.93869        | 32.49152        | .5538142        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000109</b> | <b>-.001236</b> | <b>11.33798</b> | <b>.0022330</b> | <b>-.001248</b> | <b>-.001107</b> | <b>4.626659</b> |
| #2 | <b>-.000092</b> | <b>-.001121</b> | <b>11.35542</b> | <b>.0020689</b> | <b>-.001124</b> | <b>-.000829</b> | <b>4.602090</b> |
| #3 | <b>-.000041</b> | <b>-.001066</b> | <b>11.30279</b> | <b>.0024868</b> | <b>-.001477</b> | <b>-.000565</b> | <b>4.575703</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000819</b> | <b>11.64847</b> | <b>-.000856</b> | <b>-.000684</b> | <b>-.045604</b> | <b>-.001705</b> | <b>-.000758</b> |
| Stddev | .000019         | .00740          | .000433         | .000227         | .008738         | .000652         | .000223         |
| %RSD   | 2.275094        | .0635153        | 50.50503        | 33.19393        | 19.16042        | 38.24343        | 29.36740        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000826</b> | <b>11.64219</b> | <b>-.000834</b> | <b>-.000809</b> | <b>-.043509</b> | <b>-.002438</b> | <b>-.000809</b> |
| #2 | <b>-.000833</b> | <b>11.64661</b> | <b>-.000436</b> | <b>-.000422</b> | <b>-.038104</b> | <b>-.001491</b> | <b>-.000951</b> |
| #3 | <b>-.000798</b> | <b>11.65663</b> | <b>-.001300</b> | <b>-.000821</b> | <b>-.055199</b> | <b>-.001187</b> | <b>-.000514</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.045441</b> | <b>.0067369</b> | <b>-.002443</b> | <b>-.002996</b> | <b>-.002652</b> | <b>-.001976</b> | <b>.0001499</b> |
| Stddev | .008159         | .0004858        | .000098         | .000727         | .000165         | .007649         | .0017884        |
| %RSD   | 17.95504        | 7.210634        | 4.017299        | 24.25294        | 6.205097        | 387.1387        | 1193.408        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.049462</b> | <b>.0064256</b> | <b>-.002372</b> | <b>-.003158</b> | <b>-.002832</b> | <b>.004562</b>  | <b>.0013817</b> |
| #2 | <b>-.050808</b> | <b>.0064885</b> | <b>-.002401</b> | <b>-.002202</b> | <b>-.002509</b> | <b>-.000101</b> | <b>-.001901</b> |
| #3 | <b>-.036052</b> | <b>.0072967</b> | <b>-.002555</b> | <b>-.003628</b> | <b>-.002615</b> | <b>-.010388</b> | <b>.000969</b>  |

Sample Name: ICSADLX20      Acquired: 6/11/2025 14:32:51      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005062</b> | <b>-.000852</b> | <b>-.002390</b> |
| Stddev | .002931         | .000285         | .000065         |
| %RSD   | 57.90354        | 33.39012        | 2.726470        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001989</b> | <b>-.000756</b> | <b>-.002329</b> |
| #2 | <b>-.007827</b> | <b>-.001172</b> | <b>-.002383</b> |
| #3 | <b>-.005370</b> | <b>-.000628</b> | <b>-.002459</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3054.872</b> | <b>70123.90</b> | <b>15250.99</b> | <b>2221.938</b> | <b>4272.400</b> |
| Stddev    | 16.369          | 57.06           | 13.39           | 9.628           | 8.914           |
| %RSD      | .5358207        | .0813676        | .0878132        | .4333268        | .2086328        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3036.068 | 70142.84 | 15253.46 | 2213.120 | 4262.303 |
| #2 | 3065.932 | 70169.07 | 15236.53 | 2232.211 | 4275.724 |
| #3 | 3062.616 | 70059.78 | 15262.97 | 2220.483 | 4279.175 |

Sample Name: ICSABDLX20      Acquired: 6/11/2025 14:37:41      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013752 | .0014635 | -.000680 | -.001143 | .0270553 | 12.47895 | .0169944 |
| Stddev | .0024462 | .0012889 | .000428  | .003130  | .0011369 | .01728   | .0004609 |
| %RSD   | 177.8754 | 88.06976 | 62.84175 | 273.8023 | 4.202065 | .1384981 | 2.712232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018493 | .0006660 | -.000397 | -.003777 | .0269710 | 12.49889 | .0169694 |
| #2 | -.001273 | .0007740 | -.001172 | -.001970 | .0282320 | 12.46818 | .0165465 |
| #3 | .003550  | .0029506 | -.000472 | .002317  | .0259629 | 12.46980 | .0174673 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0270480 | .0493841 | 12.34687 | .0284917 | .0241065 | .0255897 | 4.773784 |
| Stddev | .0001362 | .0001576 | .08547   | .0001625 | .0003216 | .0003536 | .045179  |
| %RSD   | .5035896 | .3192090 | .6922317 | .5704963 | 1.334066 | 1.381657 | .9463916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0271834 | .0492492 | 12.30444 | .0284918 | .0238102 | .0258788 | 4.752210 |
| #2 | .0270495 | .0493458 | 12.29092 | .0283291 | .0244485 | .0256949 | 4.743437 |
| #3 | .0269110 | .0495574 | 12.44525 | .0286542 | .0240608 | .0251955 | 4.825706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0247916 | 12.72263 | .0498484 | .0122652 | -.073259 | .0230644 | .0533894 |
| Stddev | .0003344 | .13410   | .0000931 | .0001212 | .013953  | .0002514 | .0005584 |
| %RSD   | 1.348943 | 1.053988 | .1867332 | .9879083 | 19.04634 | 1.089959 | 1.045984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0245975 | 12.63833 | .0498737 | .0122646 | -.057239 | .0227798 | .0539383 |
| #2 | .0245995 | 12.65230 | .0497453 | .0121443 | -.082756 | .0231572 | .0528219 |
| #3 | .0251777 | 12.87726 | .0499262 | .0123866 | -.079783 | .0232562 | .0534079 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.032591 | .0564227 | .0468937 | .0439928 | .0466713 | .0336246 | -.002444 |
| Stddev | .012348  | .0003329 | .0001481 | .0001171 | .0007421 | .0034070 | .001613  |
| %RSD   | 37.88832 | .5899485 | .3158568 | .2662213 | 1.590056 | 10.13233 | 66.01883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.032638 | .0568059 | .0467578 | .0438699 | .0468778 | .0369729 | -.002000 |
| #2 | -.044916 | .0562566 | .0468716 | .0441031 | .0458478 | .0337390 | -.001099 |
| #3 | -.020220 | .0562055 | .0470516 | .0440053 | .0472883 | .0301619 | -.004233 |

Sample Name: ICSABDLX20      Acquired: 6/11/2025 14:37:41      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003928</b> | <b>.0005991</b> | <b>-.002211</b> |
| Stddev | .002233         | .0018893        | .000065         |
| %RSD   | 56.85677        | 315.3689        | 2.957293        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.006437</b> | <b>-.001570</b> | <b>-.002137</b> |
| #2 | <b>-.002161</b> | <b>.001888</b>  | <b>-.002233</b> |
| #3 | <b>-.003184</b> | <b>.001479</b>  | <b>-.002262</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3041.306</b> | <b>70368.35</b> | <b>14673.51</b> | <b>2213.738</b> | <b>4260.789</b> |
| Stddev    | 13.633          | 156.61          | 16.75           | 15.536          | 17.331          |
| %RSD      | .4482516        | .2225545        | .1141734        | .7017906        | .4067579        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3037.575 | 70307.23 | 14664.13 | 2202.553 | 4262.266 |
| #2 | 3056.416 | 70546.30 | 14692.85 | 2231.477 | 4277.334 |
| #3 | 3029.927 | 70251.51 | 14663.55 | 2207.184 | 4242.766 |

Sample Name: CCV01      Acquired: 6/11/2025 14:42:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.968883</b> | <b>4.506879</b> | <b>4.911013</b> | <b>4.967088</b> | <b>4.961463</b> | <b>9.870506</b> | <b>10.01605</b> |
| Stddev | .027257         | .047033         | .019463         | .023541         | .036460         | .022833         | .14784          |
| %RSD   | .5485495        | 1.043593        | .3963122        | .4739485        | .7348698        | .2313218        | 1.476039        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.957463 | 4.490157 | 4.890346 | 4.958319 | 4.954393 | 9.894386 | 9.88490  |
| #2 | 4.949194 | 4.470491 | 4.913702 | 4.949189 | 4.929055 | 9.848889 | 10.17626 |
| #3 | 4.999992 | 4.559988 | 4.928992 | 4.993755 | 5.000940 | 9.868243 | 9.98698  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2413425</b> | <b>2.424226</b> | <b>24.62713</b> | <b>.9908398</b> | <b>2.446905</b> | <b>1.236433</b> | <b>5.122766</b> |
| Stddev | .0005282        | .007179         | .15437          | .0015589        | .007031         | .003768         | .023381         |
| %RSD   | .2188779        | .2961247        | .6268129        | .1573265        | .2873293        | .3047113        | .4564102        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2419525 | 2.416128 | 24.79324 | .9918888 | 2.439604 | 1.234197 | 5.141021 |
| #2 | .2410418 | 2.426741 | 24.60006 | .9915821 | 2.447479 | 1.234318 | 5.130865 |
| #3 | .2410333 | 2.429809 | 24.48809 | .9890485 | 2.453630 | 1.240782 | 5.096413 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.471418</b> | <b>24.27802</b> | <b>2.453783</b> | <b>1.236371</b> | <b>25.61757</b> | <b>2.474634</b> | <b>2.492230</b> |
| Stddev | .010485         | .18148          | .007804         | .002328         | .01869          | .005352         | .005573         |
| %RSD   | .4242467        | .7474876        | .3180291        | .1883150        | .0729724        | .2162859        | .2236217        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.481934 | 24.43391 | 2.445881 | 1.237331 | 25.59706 | 2.480772 | 2.492453 |
| #2 | 2.471355 | 24.32135 | 2.453982 | 1.238066 | 25.63365 | 2.470940 | 2.486549 |
| #3 | 2.460965 | 24.07880 | 2.461485 | 1.233717 | 25.62199 | 2.472189 | 2.497688 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.87732</b> | <b>4.734861</b> | <b>4.936083</b> | <b>4.909693</b> | <b>5.026186</b> | <b>4.832692</b> | <b>5.101895</b> |
| Stddev | .04622          | .017568         | .024205         | .019575         | .014803         | .017468         | .029193         |
| %RSD   | .1858047        | .3710300        | .4903626        | .3986969        | .2945083        | .3614557        | .5721964        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.86062 | 4.754666 | 4.923955 | 4.893230 | 5.042956 | 4.828491 | 5.073968 |
| #2 | 24.92957 | 4.728761 | 4.920339 | 4.904511 | 5.014937 | 4.851877 | 5.099508 |
| #3 | 24.84176 | 4.721157 | 4.963954 | 4.931337 | 5.020666 | 4.817707 | 5.132207 |

Sample Name: CCV01      Acquired: 6/11/2025 14:42:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.776218</b> | <b>4.996354</b> | <b>5.019185</b> |
| Stddev | .017661         | .004208         | .013694         |
| %RSD   | .3697762        | .0842297        | .2728422        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.757954 | 4.992571 | 5.003442 |
| #2 | 4.777492 | 4.995603 | 5.025776 |
| #3 | 4.793207 | 5.000887 | 5.028338 |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2870.798</b> | <b>67792.55</b> | <b>15004.70</b> | <b>2119.612</b> | <b>3873.014</b> |
| Stddev    | 15.101          | 124.07          | 38.94           | 5.080           | 15.050          |
| %RSD      | .5260208        | .1830080        | .2595213        | .2396474        | .3885797        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2872.661 | 67758.19 | 14959.74 | 2124.509 | 3880.505 |
| #2 | 2884.881 | 67689.28 | 15027.04 | 2119.958 | 3882.849 |
| #3 | 2854.852 | 67930.17 | 15027.33 | 2114.368 | 3855.689 |

Sample Name: CCB01      Acquired: 6/11/2025 14:46:45      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003895</b> | <b>-.002550</b> | <b>-.002357</b> | <b>-.000776</b> | <b>-.001273</b> | <b>-.006345</b> | <b>-.008568</b> |
| Stddev | .001264         | .000313         | .000413         | .001498         | .000454         | .004255         | .000525         |
| %RSD   | 32.46082        | 12.26074        | 17.51061        | 193.0314        | 35.65324        | 67.07005        | 6.132868        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002442</b> | <b>-.002816</b> | <b>-.002174</b> | <b>.000921</b>  | <b>-.001123</b> | <b>-.011066</b> | <b>-.009169</b> |
| #2 | <b>-.004494</b> | <b>-.002629</b> | <b>-.002067</b> | <b>-.001336</b> | <b>-.000913</b> | <b>-.005164</b> | <b>-.008338</b> |
| #3 | <b>-.004748</b> | <b>-.002206</b> | <b>-.002829</b> | <b>-.001913</b> | <b>-.001783</b> | <b>-.002804</b> | <b>-.008197</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000165</b> | <b>-.001168</b> | <b>-.011308</b> | <b>-.000418</b> | <b>-.001287</b> | <b>-.000496</b> | <b>-.001873</b> |
| Stddev | .000023         | .000041         | .005706         | .000083         | .000172         | .000143         | .001704         |
| %RSD   | 14.19289        | 3.494382        | 50.45473        | 19.82606        | 13.36690        | 28.88546        | 90.95136        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000191</b> | <b>-.001215</b> | <b>-.007788</b> | <b>-.000369</b> | <b>-.001096</b> | <b>-.000660</b> | <b>-.001991</b> |
| #2 | <b>-.000158</b> | <b>-.001150</b> | <b>-.008245</b> | <b>-.000371</b> | <b>-.001431</b> | <b>-.000432</b> | <b>-.000114</b> |
| #3 | <b>-.000146</b> | <b>-.001139</b> | <b>-.017891</b> | <b>-.000514</b> | <b>-.001333</b> | <b>-.000396</b> | <b>-.003515</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001621</b> | <b>-.010347</b> | <b>-.001348</b> | <b>-.000111</b> | <b>-.079705</b> | <b>-.002006</b> | <b>-.001314</b> |
| Stddev | .000134         | .007890         | .000246         | .000165         | .010527         | .001683         | .000158         |
| %RSD   | 8.281326        | 76.25845        | 18.21188        | 149.0470        | 13.20719        | 83.88942        | 12.02253        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001726</b> | <b>-.016368</b> | <b>-.001165</b> | <b>-.000259</b> | <b>-.083313</b> | <b>-.003881</b> | <b>-.001495</b> |
| #2 | <b>-.001668</b> | <b>-.013258</b> | <b>-.001627</b> | <b>-.000141</b> | <b>-.067849</b> | <b>-.001515</b> | <b>-.001238</b> |
| #3 | <b>-.001470</b> | <b>-.001415</b> | <b>-.001253</b> | <b>.000068</b>  | <b>-.087954</b> | <b>-.000624</b> | <b>-.001208</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.035810</b> | <b>.0042884</b> | <b>-.002203</b> | <b>-.003043</b> | <b>-.002053</b> | <b>.0001079</b> | <b>-.003076</b> |
| Stddev | .012625         | .0010007        | .000220         | .000122         | .000230         | .0076109        | .001674         |
| %RSD   | 35.25695        | 23.33431        | 9.974565        | 4.007772        | 11.20143        | 7054.904        | 54.43441        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.030269</b> | <b>.0031352</b> | <b>-.002167</b> | <b>-.002982</b> | <b>-.001813</b> | <b>-.008656</b> | <b>-.002532</b> |
| #2 | <b>-.050258</b> | <b>.0049270</b> | <b>-.002438</b> | <b>-.002964</b> | <b>-.002073</b> | <b>.003922</b>  | <b>-.004955</b> |
| #3 | <b>-.026902</b> | <b>.0048030</b> | <b>-.002003</b> | <b>-.003183</b> | <b>-.002272</b> | <b>.005058</b>  | <b>-.001741</b> |

Sample Name: CCB01      Acquired: 6/11/2025 14:46:45      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.001964</b> | <b>-.003944</b> | <b>-.002597</b> |
| Stddev | .002362         | .001084         | .000015         |
| %RSD   | 120.2323        | 27.47521        | .5743464        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000002</b> | <b>-.004131</b> | <b>-.002595</b> |
| #2 | <b>-.004585</b> | <b>-.004923</b> | <b>-.002613</b> |
| #3 | <b>-.001306</b> | <b>-.002780</b> | <b>-.002583</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3109.852</b> | <b>73675.52</b> | <b>14989.75</b> | <b>2280.489</b> | <b>4510.289</b> |
| Stddev    | 32.171          | 214.04          | 80.88           | 11.175          | 23.668          |
| %RSD      | 1.034487        | .2905206        | .5395744        | .4900186        | .5247581        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3080.477 | 73649.71 | 15059.15 | 2288.763 | 4492.100 |
| #2 | 3144.232 | 73475.56 | 14900.93 | 2267.777 | 4537.048 |
| #3 | 3104.846 | 73901.30 | 15009.18 | 2284.927 | 4501.718 |

Sample Name: Q2238-01      Acquired: 6/11/2025 14:51:04      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0427770</b> | <b>-.030146</b> | <b>.4463600</b> | <b>.0353253</b> | <b>.0076535</b> | <b>134.1796</b> | <b>1.240004</b> |
| Stddev | .0027339        | .000347         | .0037973        | .0026100        | .0026601        | .2269           | .000036         |
| %RSD   | 6.390990        | 1.149817        | .8507161        | 7.388499        | 34.75672        | .1691282        | .0029045        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0402378 | -.029824 | .4465253 | .0345472 | .0103371 | 133.9990 | 1.240035 |
| #2 | .0456709 | -.030102 | .4500719 | .0382358 | .0076058 | 134.1056 | 1.240011 |
| #3 | .0424225 | -.030513 | .4424827 | .0331928 | .0050176 | 134.4344 | 1.239964 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0067542</b> | <b>.0958515</b> | <b>350.7051</b> | <b>.2441740</b> | <b>.1745154</b> | <b>1.802695</b> | <b>313.5155</b> |
| Stddev | .0001350        | .0004830        | 2.9955          | .0010235        | .0004634        | .001399         | 2.7709          |
| %RSD   | 1.998991        | .5038650        | .8541249        | .4191714        | .2655432        | .0776233        | .8838283        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065985 | .0963961 | 347.3999 | .2439071 | .1749769 | 1.802642 | 310.6241 |
| #2 | .0068396 | .0954751 | 351.4748 | .2433103 | .1745192 | 1.801322 | 316.1478 |
| #3 | .0068244 | .0956835 | 353.2407 | .2453044 | .1740501 | 1.804119 | 313.7745 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.583217</b> | <b>126.0883</b> | <b>.3965834</b> | <b>-.003617</b> | <b>7.332285</b> | <b>.5732061</b> | <b>7.031484</b> |
| Stddev | .043907         | 1.2838          | .0008360        | .001416         | .009257         | .0040016        | .008008         |
| %RSD   | .7864118        | 1.018203        | .2107958        | 39.16324        | .1262539        | .6981098        | .1138879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.542979 | 124.7970 | .3957341 | -.005158 | 7.333541 | .5689935 | 7.039545 |
| #2 | 5.630048 | 127.3645 | .3966108 | -.002373 | 7.322464 | .5769566 | 7.031376 |
| #3 | 5.576625 | 126.1034 | .3974054 | -.003319 | 7.340850 | .5736681 | 7.023530 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.42782</b> | <b>1.068514</b> | <b>.0080002</b> | <b>.0352126</b> | <b>9.670703</b> | <b>12.09870</b> | <b>8.159635</b> |
| Stddev | .01030          | .007388         | .0004941        | .0015860        | .036597         | .11880          | .029662         |
| %RSD   | .0714046        | .6914606        | 6.176202        | 4.503965        | .3784331        | .9819576        | .3635182        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.43716 | 1.062029 | .0085664 | .0338915 | 9.630198 | 11.96901 | 8.192300 |
| #2 | 14.41677 | 1.076557 | .0077782 | .0347749 | 9.701390 | 12.12483 | 8.134383 |
| #3 | 14.42953 | 1.066956 | .0076560 | .0369715 | 9.680521 | 12.20227 | 8.152223 |

Sample Name: Q2238-01      Acquired: 6/11/2025 14:51:04      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>10.65673</b> | <b>.3399811</b> | <b>.8353163</b> |
| Stddev | .03306          | .0020210        | .0047961        |
| %RSD   | .3101848        | .5944332        | .5741624        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>10.68395</b> | <b>.3384416</b> | <b>.8404258</b> |
| #2 | <b>10.61995</b> | <b>.3422696</b> | <b>.8346115</b> |
| #3 | <b>10.66628</b> | <b>.3392320</b> | <b>.8309116</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2964.185</b> | <b>72761.99</b> | <b>15943.25</b> | <b>2188.713</b> | <b>3398.907</b> |
| Stddev    | 4.458           | 112.75          | 7.66            | 4.389           | 1.570           |
| %RSD      | .1503834        | .1549509        | .0480421        | .2005299        | .0461830        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2964.793</b> | <b>72732.94</b> | <b>15952.08</b> | <b>2185.368</b> | <b>3397.150</b> |
| #2 | <b>2968.307</b> | <b>72886.42</b> | <b>15939.24</b> | <b>2187.089</b> | <b>3399.401</b> |
| #3 | <b>2959.454</b> | <b>72666.62</b> | <b>15938.43</b> | <b>2193.683</b> | <b>3400.170</b> |

Sample Name: Q2238-01DUP      Acquired: 6/11/2025 14:55:24      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0428184</b> | <b>-.028193</b> | <b>.4442147</b> | <b>.0430707</b> | <b>.0091308</b> | <b>135.5714</b> |
| Stddev | .0003160        | .004110         | .0029806        | .0042862        | .0013231        | .6424           |
| %RSD   | .7379298        | 14.57998        | .6709884        | 9.951528        | 14.49020        | .4738239        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0428383 | -.029463 | .4411615 | .0417350 | .0101828 | 136.2777 |
| #2 | .0424929 | -.023597 | .4443655 | .0396115 | .0095642 | 135.0221 |
| #3 | .0431239 | -.031518 | .4471171 | .0478658 | .0076454 | 135.4143 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.285599</b> | <b>.0064510</b> | <b>.0929556</b> | <b>351.4986</b> | <b>.2447587</b> | <b>.1758710</b> |
| Stddev | .010399         | .0000711        | .0002440        | 2.4066          | .0012197        | .0001447        |
| %RSD   | .8089157        | 1.101463        | .2624921        | .6846584        | .4983106        | .0822860        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.297573 | .0065312 | .0932364 | 354.2772 | .2435772 | .1757414 |
| #2 | 1.280404 | .0064257 | .0928353 | 350.1415 | .2460132 | .1760272 |
| #3 | 1.278821 | .0063960 | .0927951 | 350.0771 | .2446856 | .1758444 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.796842</b> | <b>335.8693</b> | <b>5.597148</b> | <b>124.4503</b> | <b>.4002351</b> | <b>.0029147</b> |
| Stddev | .004019         | .5890           | .029157         | .2129           | .0001963        | .0005627        |
| %RSD   | .2236895        | .1753532        | .5209350        | .1710472        | .0490544        | 19.30527        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.795684 | 335.3568 | 5.629881 | 124.6016 | .4002762 | .0025496 |
| #2 | 1.793529 | 335.7384 | 5.587607 | 124.5425 | .4000214 | .0026318 |
| #3 | 1.801313 | 336.5127 | 5.573957 | 124.2069 | .4004076 | .0035627 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.319777</b> | <b>.5770269</b> | <b>7.049603</b> | <b>15.44621</b> | <b>1.128157</b> | <b>.0079524</b> |
| Stddev | .058211         | .0005799        | .020058         | .06150          | .002088         | .0003216        |
| %RSD   | .6996745        | .1005021        | .2845214        | .3981875        | .1850476        | 4.043551        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.375803 | .5776963 | 7.062048 | 15.49819 | 1.125797 | .0076016 |
| #2 | 8.259602 | .5767083 | 7.026465 | 15.37831 | 1.128914 | .0082332 |
| #3 | 8.323925 | .5766762 | 7.060296 | 15.46215 | 1.129760 | .0080225 |

Sample Name: Q2238-01DUP      Acquired: 6/11/2025 14:55:24      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0354786 | 9.979463 | F 14.17407 | 8.135058 | 10.67868 | .3451920 |
| Stddev | .0007769 | .045560  | .14099     | .009361  | .04595   | .0023349 |
| %RSD   | 2.189872 | .4565413 | .9947104   | .1150708 | .4302616 | .6764077 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0351528 | 10.03194 | 14.03535 | 8.124260 | 10.64506 | .3473127 |
| #2 | .0349176 | 9.95004  | 14.16963 | 8.140889 | 10.65994 | .3426899 |
| #3 | .0363654 | 9.95640  | 14.31723 | 8.140024 | 10.73103 | .3455733 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8306058 |
| Stddev | .0077245 |
| %RSD   | .9299792 |

|    |          |
|----|----------|
| #1 | .8378231 |
| #2 | .8315361 |
| #3 | .8224584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2968.841 | 72271.11 | 16973.01 | 2193.452 | 3397.686 |
| Stddev    | 6.485    | 239.99   | 94.13    | 13.173   | 11.208   |
| %RSD      | .2184403 | .3320659 | .5545756 | .6005749 | .3298757 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2961.466 | 72200.53 | 16865.66 | 2189.903 | 3386.431 |
| #2 | 2973.652 | 72538.48 | 17041.42 | 2208.037 | 3397.778 |
| #3 | 2971.405 | 72074.34 | 17011.96 | 2182.418 | 3408.847 |

Sample Name: Q2238-01LX5      Acquired: 6/11/2025 14:59:43      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0062268</b> | <b>-.008047</b> | <b>.0886549</b> | <b>.0093730</b> | <b>-.000670</b> | <b>27.68600</b> | <b>.2604230</b> |
| Stddev | .0005143        | .001728         | .0002315        | .0025201        | .000493         | .02967          | .0014293        |
| %RSD   | 8.259421        | 21.47230        | .2611749        | 26.88662        | 73.57617        | .1071739        | .5488338        |
| #1     | .0067752        | -.006975        | .0885163        | .0065614        | -.001227        | 27.69550        | .2608303        |
| #2     | .0061500        | -.010040        | .0889222        | .0101292        | -.000494        | 27.70975        | .2616045        |
| #3     | .0057553        | -.007126        | .0885261        | .0114284        | -.000289        | 27.65274        | .2588343        |
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0013684</b> | <b>.0146324</b> | <b>77.22093</b> | <b>.0537987</b> | <b>.0328195</b> | <b>.4173841</b> | <b>74.39811</b> |
| Stddev | .0000748        | .0000893        | .09517          | .0004587        | .0002976        | .0025465        | .76631          |
| %RSD   | 5.462567        | .6101692        | .1232473        | .8526037        | .9067491        | .6101023        | 1.030012        |
| #1     | .0014431        | .0145836        | 77.23469        | .0534661        | .0331025        | .4159265        | 75.01817        |
| #2     | .0012936        | .0145781        | 77.30847        | .0536081        | .0328468        | .4203245        | 74.63478        |
| #3     | .0013687        | .0147354        | 77.11962        | .0543220        | .0325092        | .4159013        | 73.54139        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.243112</b> | <b>26.42769</b> | <b>.0782200</b> | <b>.0004347</b> | <b>1.508327</b> | <b>.1226444</b> | <b>1.659139</b> |
| Stddev | .006332         | .04283          | .0003780        | .0001120        | .030041         | .0006020        | .003206         |
| %RSD   | .5093782        | .1620543        | .4832286        | 25.75665        | 1.991657        | .4908251        | .1932452        |
| #1     | 1.246243        | 26.38098        | .0782374        | .0005456        | 1.533067        | .1231526        | 1.659224        |
| #2     | 1.247269        | 26.43696        | .0785890        | .0003217        | 1.517014        | .1228009        | 1.662302        |
| #3     | 1.235824        | 26.46512        | .0778336        | .0004368        | 1.474900        | .1219796        | 1.655891        |
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.915611</b> | <b>.2533863</b> | <b>-.000276</b> | <b>-.000966</b> | <b>2.104760</b> | <b>2.567928</b> | <b>1.548589</b> |
| Stddev | .025210         | .0031024        | .000114         | .000310         | .002431         | .025789         | .009319         |
| %RSD   | .8646716        | 1.224390        | 41.32806        | 32.02777        | .1154927        | 1.004269        | .6017866        |
| #1     | 2.918671        | .2564589        | -.000407        | -.001094        | 2.104445        | 2.580957        | 1.555143        |
| #2     | 2.939151        | .2534452        | -.000221        | -.001192        | 2.107333        | 2.584603        | 1.552704        |
| #3     | 2.889010        | .2502549        | -.000199        | -.000614        | 2.102502        | 2.538224        | 1.537921        |

Sample Name: Q2238-01LX5      Acquired: 6/11/2025 14:59:43      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>2.045015</b> | <b>.0698597</b> | <b>.1740964</b> |
| Stddev | .011240         | .0008826        | .0005584        |
| %RSD   | .5496091        | 1.263414        | .3207282        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.057943</b> | <b>.0699076</b> | <b>.1736783</b> |
| #2 | <b>2.039548</b> | <b>.0707174</b> | <b>.1747305</b> |
| #3 | <b>2.037555</b> | <b>.0689541</b> | <b>.1738803</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2979.867</b> | <b>70711.91</b> | <b>16192.65</b> | <b>2209.724</b> | <b>3949.687</b> |
| Stddev    | 13.107          | 792.99          | 37.33           | 39.075          | 16.502          |
| %RSD      | .4398358        | 1.121433        | .2305639        | 1.768312        | .4177954        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2983.600</b> | <b>70038.48</b> | <b>16165.96</b> | <b>2184.098</b> | <b>3947.326</b> |
| #2 | <b>2965.298</b> | <b>70511.32</b> | <b>16176.68</b> | <b>2190.376</b> | <b>3934.493</b> |
| #3 | <b>2990.702</b> | <b>71585.93</b> | <b>16235.32</b> | <b>2254.698</b> | <b>3967.242</b> |

Sample Name: Q2238-01MS      Acquired: 6/11/2025 15:04:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7445698</b> | <b>1.716275</b> | <b>1.249750</b> | <b>1.739946</b> | <b>.3121254</b> | <b>118.4281</b> |
| Stddev | .0018721        | .020632         | .004904         | .007330         | .0035665        | .3599           |
| %RSD   | .2514279        | 1.202158        | .3923709        | .4212708        | 1.142634        | .3038869        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7424106 | 1.735619 | 1.250440 | 1.733195 | .3117985 | 118.2650 |
| #2 | .7455597 | 1.718646 | 1.244537 | 1.747743 | .3158440 | 118.8406 |
| #3 | .7457392 | 1.694560 | 1.254271 | 1.738901 | .3087336 | 118.1786 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.200777</b> | <b>.1761964</b> | <b>.2561909</b> | <b>398.3454</b> | <b>.6069033</b> | <b>.3286034</b> |
| Stddev | .004328         | .0007820        | .0012325        | 1.1111          | .0019696        | .0015830        |
| %RSD   | .3604578        | .4438220        | .4810997        | .2789213        | .3245329        | .4817207        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.203106 | .1770678 | .2560891 | 399.0477 | .6073460 | .3283327 |
| #2 | 1.203442 | .1759658 | .2550125 | 397.0645 | .6086139 | .3271732 |
| #3 | 1.195783 | .1755557 | .2574712 | 398.9241 | .6047500 | .3303042 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9974553</b> | <b>237.8618</b> | <b>4.884669</b> | <b>129.5721</b> | <b>.7859399</b> | <b>.0673722</b> |
| Stddev | .0029990        | .7711           | .014561         | .1172           | .0031506        | .0007694        |
| %RSD   | .3006636        | .3241686        | .2980984        | .0904202        | .4008711        | 1.141997        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9942214 | 238.7464 | 4.900901 | 129.6040 | .7860835 | .0675619 |
| #2 | .9979999 | 237.3315 | 4.880348 | 129.4423 | .7827200 | .0665257 |
| #3 | 1.000145 | 237.5076 | 4.872757 | 129.6700 | .7890163 | .0680290 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.00625</b> | <b>.7361391</b> | <b>4.159447</b> | <b>21.96544</b> | <b>1.148628</b> | <b>.3548166</b> |
| Stddev | .06177          | .0041644        | .014221         | .06324          | .003985         | .0008462        |
| %RSD   | .6172665        | .5657058        | .3418933        | .2879111        | .3469526        | .2384903        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.06621 | .7402188 | 4.169785 | 22.03067 | 1.153121 | .3538626 |
| #2 | 10.00974 | .7363036 | 4.165327 | 21.96127 | 1.147243 | .3551108 |
| #3 | 9.94282  | .7318949 | 4.143229 | 21.90439 | 1.145520 | .3554765 |

Sample Name: Q2238-01MS      Acquired: 6/11/2025 15:04:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .6573229 | 8.392102 | F 17.13286 | 12.28200 | 8.328772 | .4647656 |
| Stddev | .0046636 | .020940  | .01794     | .06280   | .017658  | .0020540 |
| %RSD   | .7094773 | .2495178 | .1047074   | .5113198 | .2120159 | .4419456 |
| #1     | .6596555 | 8.406916 | 17.12148   | 12.35413 | 8.341155 | .4653055 |
| #2     | .6519533 | 8.401246 | 17.15354   | 12.25243 | 8.308551 | .4664957 |
| #3     | .6603599 | 8.368146 | 17.12357   | 12.23944 | 8.336609 | .4624955 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 1.046543 |
| Stddev | .004739  |
| %RSD   | .4528062 |
| #1     | 1.046104 |
| #2     | 1.042039 |
| #3     | 1.051486 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2929.289 | 71822.09 | 16087.36 | 2168.014 | 3425.773 |
| Stddev    | 12.694   | 46.05    | 16.56    | 4.109    | 13.323   |
| %RSD      | .4333555 | .0641107 | .1029633 | .1895513 | .3889103 |
| #1        | 2943.933 | 71800.52 | 16091.90 | 2171.371 | 3435.083 |
| #2        | 2921.420 | 71874.96 | 16101.17 | 2163.431 | 3431.724 |
| #3        | 2922.513 | 71790.79 | 16068.99 | 2169.240 | 3410.511 |

Sample Name: Q2238-01MSD      Acquired: 6/11/2025 15:08:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7371949</b> | <b>1.728177</b> | <b>1.178059</b> | <b>1.728457</b> | <b>.3464054</b> | <b>95.96129</b> |
| Stddev | .0031622        | .002637         | .002694         | .005952         | .0030414        | .20621          |
| %RSD   | .4289514        | .1525986        | .2286771        | .3443468        | .8780000        | .2148837        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7347690 | 1.729849 | 1.180851 | 1.730406 | .3461746 | 95.95592 |
| #2 | .7360444 | 1.729545 | 1.177850 | 1.721775 | .3434859 | 96.17013 |
| #3 | .7407713 | 1.725137 | 1.175476 | 1.733189 | .3495556 | 95.75782 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9999967</b> | <b>.1892450</b> | <b>.2410718</b> | <b>318.4669</b> | <b>.5645211</b> | <b>.2978357</b> |
| Stddev | .0048149        | .0013016        | .0008943        | .5121           | .0043048        | .0003428        |
| %RSD   | .4814926        | .6878035        | .3709787        | .1608100        | .7625540        | .1151043        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9979842 | .1904442 | .2414368 | 317.8755 | .5676699 | .2978729 |
| #2 | 1.005491 | .1894301 | .2417259 | 318.7567 | .5662776 | .2981584 |
| #3 | .996515  | .1878607 | .2400527 | 318.7683 | .5596158 | .2974758 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8786719</b> | <b>189.6907</b> | <b>4.037199</b> | <b>108.8029</b> | <b>.7165954</b> | <b>.0664365</b> |
| Stddev | .0030781        | .3885           | .006391         | .1777           | .0010065        | .0002103        |
| %RSD   | .3503074        | .2048263        | .1583152        | .1633116        | .1404572        | .3165316        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8777750 | 189.4415 | 4.034343 | 108.9708 | .7161791 | .0661945 |
| #2 | .8761419 | 189.4922 | 4.044520 | 108.6168 | .7177432 | .0665743 |
| #3 | .8820988 | 190.1384 | 4.032733 | 108.8212 | .7158637 | .0665409 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.042182</b> | <b>.6529580</b> | <b>3.480495</b> | <b>18.58451</b> | <b>.9974782</b> | <b>.3598332</b> |
| Stddev | .028983         | .0008591        | .011738         | .05380          | .0015530        | .0011189        |
| %RSD   | .3603890        | .1315772        | .3372438        | .2894895        | .1556909        | .3109385        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.016722 | .6528956 | 3.478656 | 18.52433 | .9981575 | .3593192 |
| #2 | 8.073723 | .6538466 | 3.469786 | 18.62796 | .9985759 | .3590637 |
| #3 | 8.036101 | .6521318 | 3.493044 | 18.60123 | .9957014 | .3611167 |

Sample Name: Q2238-01MSD      Acquired: 6/11/2025 15:08:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.6510756</b> | <b>6.881944</b> | <b>F 15.16097</b> | <b>10.72860</b> | <b>6.400426</b> | <b>.4023913</b> |
| Stddev | .0013860        | .016936         | .05149            | .02977          | .007037         | .0020964        |
| %RSD   | .2128838        | .2460933        | .3396123          | .2775197        | .1099401        | .5209869        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6504470 | 6.871537 | 15.15111 | 10.74839 | 6.408414 | .4018352 |
| #2 | .6526646 | 6.901487 | 15.11513 | 10.74306 | 6.395142 | .4047097 |
| #3 | .6501153 | 6.872809 | 15.21668 | 10.69436 | 6.397724 | .4006290 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.8541584</b> |
| Stddev | .0010738        |
| %RSD   | .1257178        |

|    |          |
|----|----------|
| #1 | .8546968 |
| #2 | .8529219 |
| #3 | .8548566 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2934.353</b> | <b>71088.56</b> | <b>15167.92</b> | <b>2177.508</b> | <b>3531.639</b> |
| Stddev    | 23.457          | 75.54           | 33.02           | 16.296          | 18.503          |
| %RSD      | .7993977        | .1062677        | .2177265        | .7483758        | .5239190        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2944.999 | 71052.69 | 15142.28 | 2185.298 | 3546.121 |
| #2 | 2950.600 | 71175.36 | 15156.31 | 2188.448 | 3538.001 |
| #3 | 2907.461 | 71037.64 | 15205.19 | 2158.780 | 3510.794 |

Sample Name: Q2238-01A      Acquired: 6/11/2025 15:13:01      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7256739</b> | <b>1.705076</b> | <b>1.329005</b> | <b>1.698283</b> | <b>.7101895</b> | <b>132.8856</b> | <b>1.354915</b> |
| Stddev | .0016073        | .010029         | .003770         | .004386         | .0027644        | .9254           | .004894         |
| %RSD   | .2214921        | .5881827        | .2836475        | .2582764        | .3892413        | .6963746        | .3612298        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7247179 | 1.710481 | 1.324889 | 1.703342 | .7133172 | 131.8170 | 1.349425 |
| #2 | .7275296 | 1.711243 | 1.329838 | 1.695974 | .7080738 | 133.4251 | 1.358819 |
| #3 | .7247742 | 1.693504 | 1.332289 | 1.695534 | .7091774 | 133.4146 | 1.356503 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1794199</b> | <b>.2802558</b> | <b>348.5915</b> | <b>.5571435</b> | <b>.3617503</b> | <b>2.012027</b> | <b>305.1932</b> |
| Stddev | .0007631        | .0013190        | 2.2129          | .0026007        | .0013431        | .002028         | .9714           |
| %RSD   | .4253132        | .4706324        | .6348254        | .4667883        | .3712752        | .1008140        | .3182766        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1793853 | .2787387 | 346.6528 | .5587072 | .3603869 | 2.014092 | 305.5879 |
| #2 | .1801997 | .2811309 | 351.0024 | .5585818 | .3617917 | 2.011954 | 305.9051 |
| #3 | .1786747 | .2808977 | 348.1192 | .5541413 | .3630721 | 2.010037 | 304.0866 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.601570</b> | <b>126.3366</b> | <b>.8571818</b> | <b>.0590910</b> | <b>9.448410</b> | <b>.8118253</b> | <b>7.114300</b> |
| Stddev | .025419         | .5857           | .0035867        | .0004447        | .019223         | .0066557        | .012290         |
| %RSD   | .4537914        | .4636067        | .4184345        | .7526188        | .2034572        | .8198430        | .1727460        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.596412 | 125.8229 | .8530487 | .0588460 | 9.470312 | .8057904 | 7.120566 |
| #2 | 5.629173 | 126.9744 | .8590185 | .0596044 | 9.440590 | .8189638 | 7.122193 |
| #3 | 5.579125 | 126.2125 | .8594782 | .0588228 | 9.434330 | .8107215 | 7.100140 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>22.59428</b> | <b>1.292113</b> | <b>.3560983</b> | <b>.6958344</b> | <b>9.576140</b> | <b>12.54608</b> | <b>13.69305</b> |
| Stddev | .07555          | .004483         | .0006521        | .0016095        | .034652         | .05829          | .01583          |
| %RSD   | .3343648        | .3469649        | .1831346        | .2313056        | .3618553        | .4645970        | .1156001        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 22.51088 | 1.293171 | .3568504 | .6940059 | 9.544410 | 12.48988 | 13.67588 |
| #2 | 22.61379 | 1.295972 | .3556896 | .6970369 | 9.613115 | 12.60625 | 13.70707 |
| #3 | 22.65815 | 1.287195 | .3557549 | .6964603 | 9.570894 | 12.54209 | 13.69621 |

Sample Name: Q2238-01A      Acquired: 6/11/2025 15:13:01      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>10.71808</b> | <b>.4934455</b> | <b>.9735418</b> |
| Stddev | .02902          | .0017855        | .0079255        |
| %RSD   | .2707227        | .3618326        | .8140909        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 10.68545 | .4913845 | .9682909 |
| #2 | 10.74098 | .4944315 | .9696761 |
| #3 | 10.72782 | .4945206 | .9826584 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3014.867</b> | <b>71787.57</b> | <b>15484.53</b> | <b>2167.665</b> | <b>3434.833</b> |
| Stddev    | 19.447          | 110.99          | 54.46           | 13.171          | 15.795          |
| %RSD      | .6450217        | .1546047        | .3517277        | .6076278        | .4598468        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2992.934 | 71895.12 | 15545.88 | 2181.824 | 3419.520 |
| #2 | 3030.000 | 71794.16 | 15441.89 | 2165.395 | 3451.069 |
| #3 | 3021.668 | 71673.44 | 15465.82 | 2155.777 | 3433.909 |

Sample Name: Q2279-01      Acquired: 6/11/2025 15:57:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0134394 | -.015670 | .2093604 | .0131372 | -.003361 | 64.82694 |
| Stddev | .0008244 | .001839  | .0028178 | .0051820 | .002526  | .29331   |
| %RSD   | 6.134389 | 11.73798 | 1.345905 | 39.44568 | 75.15148 | .4524491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0125662 | -.017793 | .2066777 | .0176236 | -.006216 | 65.16473 |
| #2 | .0135476 | -.014554 | .2091075 | .0143230 | -.002451 | 64.67937 |
| #3 | .0142043 | -.014664 | .2122962 | .0074650 | -.001417 | 64.63671 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.355607 | .0042686 | .0039103 | 216.4988 | .1000845 | .0479474 |
| Stddev | .011502  | .0001099 | .0000146 | .8469    | .0012945 | .0000484 |
| %RSD   | .8484905 | 2.574726 | .3724482 | .3911799 | 1.293441 | .1009121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.368817 | .0041525 | .0038940 | 217.3338 | .0991264 | .0479542 |
| #2 | 1.347805 | .0043710 | .0039153 | 215.6405 | .0995699 | .0478959 |
| #3 | 1.350200 | .0042824 | .0039218 | 216.5220 | .1015572 | .0479919 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2346677 | 75.23735 | 1.299733 | 35.30846 | .0973700 | -.000616 |
| Stddev | .0004701 | .53296   | .007525  | .06714   | .0001649 | .000388  |
| %RSD   | .2003048 | .7083744 | .5789890 | .1901618 | .1693131 | 63.08986 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2345323 | 75.82244 | 1.308181 | 35.30249 | .0972487 | -.000604 |
| #2 | .2351906 | 75.11006 | 1.293749 | 35.24450 | .0973035 | -.000233 |
| #3 | .2342802 | 74.77956 | 1.297268 | 35.37838 | .0975577 | -.001010 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 113.0242 | .1537197 | .3320509 | 15.08501 | .2660907 | .0116326 |
| Stddev | 1.8419   | .0001613 | .0003536 | .20161   | .0016967 | .0001055 |
| %RSD   | 1.629663 | .1049246 | .1064907 | 1.336499 | .6376353 | .9071250 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 115.0909 | .1535405 | .3317908 | 15.29116 | .2680069 | .0116772 |
| #2 | 112.4260 | .1537656 | .3319084 | 15.07560 | .2654860 | .0115121 |
| #3 | 111.5557 | .1538531 | .3324535 | 14.88826 | .2647792 | .0117084 |

Sample Name: Q2279-01      Acquired: 6/11/2025 15:57:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.004045</b> | <b>2.015057</b> | <b>F 100.2948</b> | <b>3.581366</b> | <b>19.59243</b> | <b>.1465492</b> |
| Stddev | .000609         | .009241         | .9151             | .030644         | .07121          | .0007111        |
| %RSD   | 15.06094        | .4586039        | .9124549          | .8556529        | .3634406        | .4852247        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003701 | 2.025030 | 101.1499 | 3.571478 | 19.60469 | .1466263 |
| #2 | -.003685 | 2.006784 | 100.4048 | 3.556886 | 19.51589 | .1458027 |
| #3 | -.004748 | 2.013358 | 99.3296  | 3.615733 | 19.65671 | .1472186 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.4438361</b> |
| Stddev | .0033557        |
| %RSD   | .7560620        |

|    |          |
|----|----------|
| #1 | .4475749 |
| #2 | .4410855 |
| #3 | .4428479 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2997.460</b> | <b>70716.07</b> | <b>15675.53</b> | <b>2171.412</b> | <b>3613.166</b> |
| Stddev    | 13.108          | 617.20          | 83.11           | 41.120          | 9.436           |
| %RSD      | .4373139        | .8727910        | .5301781        | 1.893685        | .2611501        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2991.287 | 70110.65 | 15581.16 | 2143.231 | 3605.871 |
| #2 | 2988.578 | 70693.16 | 15737.79 | 2152.409 | 3609.806 |
| #3 | 3012.515 | 71344.42 | 15707.65 | 2218.596 | 3623.822 |

Sample Name: Q2279-01DUP      Acquired: 6/11/2025 16:07:20      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0167879 | -.016286 | .2237052 | .0149519 | -.002693 | 64.37931 |
| Stddev | .0017358 | .001245  | .0053554 | .0037737 | .002032  | .20887   |
| %RSD   | 10.33959 | 7.646724 | 2.393934 | 25.23909 | 75.47380 | .3244391 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0153530 | -.015096 | .2197720 | .0157045 | -.001078 | 64.35122 |
| #2 | .0162935 | -.016181 | .2215393 | .0108586 | -.004974 | 64.60080 |
| #3 | .0187173 | -.017580 | .2298042 | .0182926 | -.002025 | 64.18590 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.344248 | .0039383 | .0031197 | 205.3664 | .0999879 | .0471619 |
| Stddev | .004360  | .0002802 | .0004893 | .4392    | .0043469 | .0012515 |
| %RSD   | .3243441 | 7.115353 | 15.68479 | .2138680 | 4.347392 | 2.653695 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.341385 | .0042565 | .0036258 | 205.3599 | .1050040 | .0464956 |
| #2 | 1.349266 | .0038302 | .0030842 | 205.8088 | .0973229 | .0463844 |
| #3 | 1.342093 | .0037282 | .0026491 | 204.9305 | .0976370 | .0486056 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2291921 | 79.16348 | 1.203537 | 33.25137 | .0959850 | .0008142 |
| Stddev | .0015787 | 1.90737  | .003318  | .07086   | .0026591 | .0008875 |
| %RSD   | .6887948 | 2.409405 | .2756668 | .2131096 | 2.770384 | 108.9994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2309626 | 76.98316 | 1.200813 | 33.32056 | .0938898 | -.000156 |
| #2 | .2279312 | 79.98399 | 1.207231 | 33.25461 | .0950887 | .001015  |
| #3 | .2286824 | 80.52329 | 1.202566 | 33.17895 | .0989765 | .001584  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 115.1289 | .1518847 | .3348497 | 15.68139 | .2726412 | .0112376 |
| Stddev | 2.1538   | .0020122 | .0012787 | .35775   | .0037906 | .0001369 |
| %RSD   | 1.870770 | 1.324848 | .3818779 | 2.281342 | 1.390316 | 1.218174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 112.6726 | .1533586 | .3336474 | 15.26897 | .2684782 | .0111053 |
| #2 | 116.0196 | .1495922 | .3347084 | 15.86725 | .2735522 | .0113787 |
| #3 | 116.6944 | .1527034 | .3361931 | 15.90796 | .2758933 | .0112287 |

Sample Name: Q2279-01DUP      Acquired: 6/11/2025 16:07:20      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003050</b> | <b>2.116891</b> | <b>F 108.7445</b> | <b>3.295328</b> | <b>19.03729</b> | <b>.1416362</b> |
| Stddev | .001296         | .016341         | 2.8281            | .063339         | .39895          | .0013192        |
| %RSD   | 42.50575        | .7719384        | 2.600715          | 1.922092        | 2.095617        | .9314297        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004145 | 2.103122 | 105.4872 | 3.269712 | 18.80217 | .1401485 |
| #2 | -.003386 | 2.134949 | 110.1710 | 3.248808 | 18.81177 | .1426637 |
| #3 | -.001618 | 2.112603 | 110.5753 | 3.367463 | 19.49792 | .1420964 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.4237490</b> |
| Stddev | .0021962        |
| %RSD   | .5182809        |

|    |          |
|----|----------|
| #1 | .4258071 |
| #2 | .4240030 |
| #3 | .4214368 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2995.644</b> | <b>72040.71</b> | <b>17122.63</b> | <b>2222.491</b> | <b>3609.310</b> |
| Stddev    | 108.222         | 1671.60         | 78.84           | 151.644         | 78.669          |
| %RSD      | 3.612632        | 2.320354        | .4604420        | 6.823150        | 2.179607        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2922.056 | 73970.76 | 17115.60 | 2397.388 | 3555.245 |
| #2 | 2944.971 | 71096.61 | 17047.55 | 2127.680 | 3573.124 |
| #3 | 3119.905 | 71054.76 | 17204.76 | 2142.405 | 3699.560 |

Sample Name: Q2279-01LX5      Acquired: 6/11/2025 16:11:36      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0005334 | -.006366 | .0402212 | .0033978 | -.003503 | 12.67216 |
| Stddev | .0009442 | .001944  | .0008090 | .0007102 | .000694  | .03705   |
| %RSD   | 177.0382 | 30.53392 | 2.011492 | 20.90291 | 19.81869 | .2923395 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007877 | -.008527 | .0406247 | .0027222 | -.004213 | 12.68014 |
| #2 | -.000512 | -.005809 | .0392898 | .0041383 | -.003470 | 12.70456 |
| #3 | .001324  | -.004761 | .0407492 | .0033330 | -.002826 | 12.63177 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2594206 | .0007715 | -.000837 | 44.37596 | .0203131 | .0078914 |
| Stddev | .0006283 | .0000547 | .000020  | .24727   | .0006889 | .0000580 |
| %RSD   | .2421776 | 7.094577 | 2.401750 | .5572085 | 3.391498 | .7353667 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2587379 | .0007331 | -.000856 | 44.21783 | .0210403 | .0079110 |
| #2 | .2599745 | .0007472 | -.000840 | 44.24914 | .0196703 | .0078261 |
| #3 | .2595494 | .0008342 | -.000816 | 44.66090 | .0202287 | .0079371 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0499147 | 15.63460 | .2690817 | 7.207479 | .0179720 | -.000703 |
| Stddev | .0005620 | .26269   | .0006057 | .046022  | .0001910 | .000397  |
| %RSD   | 1.125847 | 1.680165 | .2251086 | .6385334 | 1.062547 | 56.46877 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0501305 | 15.35776 | .2686712 | 7.166642 | .0179275 | -.001149 |
| #2 | .0503369 | 15.66565 | .2687965 | 7.198448 | .0178072 | -.000572 |
| #3 | .0492769 | 15.88038 | .2697773 | 7.257348 | .0181813 | -.000388 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.34143 | .0294040 | .0642409 | 2.701731 | .0533722 | .0001436 |
| Stddev | .26820   | .0012523 | .0006544 | .036719  | .0008062 | .0001792 |
| %RSD   | 1.256712 | 4.258896 | 1.018731 | 1.359101 | 1.510424 | 124.8386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 21.03483 | .0307250 | .0643898 | 2.660617 | .0528485 | .0001960 |
| #2 | 21.53252 | .0282342 | .0648080 | 2.731262 | .0529677 | .0002908 |
| #3 | 21.45695 | .0292529 | .0635248 | 2.713314 | .0543005 | -.000056 |

Sample Name: Q2279-01LX5      Acquired: 6/11/2025 16:11:36      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003335</b> | <b>.4012554</b> | <b>F 19.60458</b> | <b>.6724058</b> | <b>3.757242</b> | <b>.0256555</b> |
| Stddev | .000279         | .0125323        | .25386            | .0029469        | .004585         | .0022127        |
| %RSD   | 8.369622        | 3.123283        | 1.294893          | .4382700        | .1220358        | 8.624689        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003603</b> | <b>.4080781</b> | <b>19.31318</b> | <b>.6710657</b> | <b>3.756429</b> | <b>.0233661</b> |
| #2 | <b>-.003356</b> | <b>.4088960</b> | <b>19.77781</b> | <b>.6703670</b> | <b>3.753117</b> | <b>.0258177</b> |
| #3 | <b>-.003046</b> | <b>.3867920</b> | <b>19.72275</b> | <b>.6757846</b> | <b>3.762179</b> | <b>.0277826</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0847812</b> |
| Stddev | .0001677        |
| %RSD   | .1978530        |

|    |                 |
|----|-----------------|
| #1 | <b>.0847989</b> |
| #2 | <b>.0849393</b> |
| #3 | <b>.0846052</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3018.625</b> | <b>70448.58</b> | <b>15482.78</b> | <b>2217.796</b> | <b>4008.060</b> |
| Stddev    | 18.548          | 942.39          | 27.70           | 84.708          | 9.169           |
| %RSD      | .6144664        | 1.337697        | .1789015        | 3.819449        | .2287672        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3000.400</b> | <b>71536.43</b> | <b>15514.75</b> | <b>2315.532</b> | <b>4000.407</b> |
| #2 | <b>3017.994</b> | <b>69881.53</b> | <b>15465.99</b> | <b>2165.597</b> | <b>4005.550</b> |
| #3 | <b>3037.480</b> | <b>69927.78</b> | <b>15467.60</b> | <b>2172.259</b> | <b>4018.222</b> |

Sample Name: CCV02      Acquired: 6/11/2025 16:33:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.768266</b> | <b>4.827102</b> | <b>4.866626</b> | <b>4.775848</b> | <b>4.777649</b> | <b>9.579434</b> | <b>9.767639</b> |
| Stddev | .017813         | .042045         | .035739         | .005313         | .021402         | .025589         | .050395         |
| %RSD   | .3735679        | .8710109        | .7343611        | .1112451        | .4479671        | .2671263        | .5159402        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.752051 | 4.807089 | 4.828258 | 4.774821 | 4.777575 | 9.608702 | 9.824413 |
| #2 | 4.765414 | 4.875414 | 4.898968 | 4.771123 | 4.756283 | 9.568313 | 9.728197 |
| #3 | 4.787332 | 4.798802 | 4.872652 | 4.781599 | 4.799088 | 9.561287 | 9.750308 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2373220</b> | <b>2.432246</b> | <b>24.05691</b> | <b>.9630243</b> | <b>2.431307</b> | <b>1.207006</b> | <b>4.911914</b> |
| Stddev | .0033719        | .021088         | .08338          | .0073287        | .014916         | .002894         | .053852         |
| %RSD   | 1.420797        | .8670106        | .3465975        | .7610114        | .6135023        | .2397885        | 1.096364        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2410974 | 2.411236 | 24.11697 | .9714865 | 2.414727 | 1.207139 | 4.856758 |
| #2 | .2346102 | 2.453410 | 23.96171 | .9587262 | 2.443636 | 1.204048 | 4.964361 |
| #3 | .2362582 | 2.432093 | 24.09205 | .9588603 | 2.435558 | 1.209831 | 4.914622 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.394901</b> | <b>23.92494</b> | <b>2.431459</b> | <b>1.206631</b> | <b>24.29726</b> | <b>2.414206</b> | <b>2.428578</b> |
| Stddev | .005033         | .17242          | .016341         | .000437         | .16126          | .000566         | .005528         |
| %RSD   | .2101591        | .7206577        | .6720548        | .0362083        | .6636839        | .0234367        | .2276040        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.400419 | 23.84506 | 2.414281 | 1.206494 | 24.24216 | 2.414668 | 2.422521 |
| #2 | 2.393722 | 23.80694 | 2.446809 | 1.207120 | 24.47885 | 2.413575 | 2.433349 |
| #3 | 2.390562 | 24.12281 | 2.433287 | 1.206279 | 24.17078 | 2.414375 | 2.429866 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.12615</b> | <b>4.685714</b> | <b>4.883662</b> | <b>4.850522</b> | <b>4.815333</b> | <b>4.963688</b> | <b>4.805052</b> |
| Stddev | .15673          | .052589         | .010682         | .034202         | .012127         | .068311         | .044012         |
| %RSD   | .6496263        | 1.122333        | .2187375        | .7051213        | .2518324        | 1.376208        | .9159503        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.99298 | 4.745851 | 4.881062 | 4.815991 | 4.828617 | 4.884946 | 4.770205 |
| #2 | 24.29886 | 4.648348 | 4.874520 | 4.884385 | 4.812527 | 5.007084 | 4.854511 |
| #3 | 24.08660 | 4.662942 | 4.895405 | 4.851190 | 4.804855 | 4.999033 | 4.790438 |

Sample Name: CCV02      Acquired: 6/11/2025 16:33:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.714383</b> | <b>4.678322</b> | <b>4.896223</b> |
| Stddev | .031964         | .055273         | .019727         |
| %RSD   | .6780030        | 1.181463        | .4029124        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.681646</b> | <b>4.728488</b> | <b>4.918550</b> |
| #2 | <b>4.745513</b> | <b>4.687409</b> | <b>4.881146</b> |
| #3 | <b>4.715991</b> | <b>4.619069</b> | <b>4.888975</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2950.491</b> | <b>68296.19</b> | <b>15215.08</b> | <b>2139.333</b> | <b>3949.322</b> |
| Stddev    | 36.425          | 557.21          | 31.11           | 36.044          | 28.655          |
| %RSD      | 1.234535        | .8158786        | .2044862        | 1.684837        | .7255624        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2924.194 | 68892.68 | 15182.93 | 2179.512 | 3930.249 |
| #2 | 2992.067 | 67789.05 | 15217.25 | 2109.840 | 3982.273 |
| #3 | 2935.212 | 68206.85 | 15245.04 | 2128.646 | 3935.443 |

Sample Name: CCB02      Acquired: 6/11/2025 16:44:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002558</b> | <b>-.001841</b> | <b>-.001930</b> | <b>-.004665</b> | <b>-.003933</b> | <b>.0035106</b> | <b>-.010790</b> |
| Stddev | .001815         | .000481         | .001257         | .001219         | .001923         | .0019324        | .000054         |
| %RSD   | 70.94504        | 26.12945        | 65.11761        | 26.12459        | 48.87941        | 55.04386        | .5050244        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003327</b> | <b>-.001625</b> | <b>-.001889</b> | <b>-.003279</b> | <b>-.001714</b> | <b>.0044782</b> | <b>-.010844</b> |
| #2 | <b>-.003863</b> | <b>-.001505</b> | <b>-.000695</b> | <b>-.005147</b> | <b>-.004993</b> | <b>.0047680</b> | <b>-.010790</b> |
| #3 | <b>-.000486</b> | <b>-.002392</b> | <b>-.003208</b> | <b>-.005570</b> | <b>-.005094</b> | <b>.0012856</b> | <b>-.010735</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000122</b> | <b>-.001345</b> | <b>-.019691</b> | <b>-.000672</b> | <b>-.001531</b> | <b>-.001033</b> | <b>-.006199</b> |
| Stddev | .000081         | .000062         | .003135         | .000062         | .000056         | .000110         | .003953         |
| %RSD   | 65.88604        | 4.629371        | 15.92226        | 9.277331        | 3.681089        | 10.67678        | 63.76662        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000215</b> | <b>-.001399</b> | <b>-.017574</b> | <b>-.000744</b> | <b>-.001582</b> | <b>-.000937</b> | <b>-.010273</b> |
| #2 | <b>-.000065</b> | <b>-.001277</b> | <b>-.023293</b> | <b>-.000629</b> | <b>-.001540</b> | <b>-.001009</b> | <b>-.002379</b> |
| #3 | <b>-.000088</b> | <b>-.001358</b> | <b>-.018207</b> | <b>-.000644</b> | <b>-.001470</b> | <b>-.001154</b> | <b>-.005946</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001998</b> | <b>-.039485</b> | <b>-.001666</b> | <b>-.000486</b> | <b>-.090057</b> | <b>-.002499</b> | <b>-.001468</b> |
| Stddev | .000220         | .004021         | .000388         | .000215         | .007373         | .000614         | .000042         |
| %RSD   | 10.99572        | 10.18363        | 23.29524        | 44.28193        | 8.187368        | 24.56654        | 2.847250        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001831</b> | <b>-.035364</b> | <b>-.001414</b> | <b>-.000633</b> | <b>-.083939</b> | <b>-.001999</b> | <b>-.001462</b> |
| #2 | <b>-.002247</b> | <b>-.039693</b> | <b>-.001471</b> | <b>-.000585</b> | <b>-.098244</b> | <b>-.003184</b> | <b>-.001512</b> |
| #3 | <b>-.001916</b> | <b>-.043398</b> | <b>-.002113</b> | <b>-.000239</b> | <b>-.087987</b> | <b>-.002312</b> | <b>-.001429</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.033736</b> | <b>.0003744</b> | <b>-.002917</b> | <b>-.004551</b> | <b>-.002514</b> | <b>-.007017</b> | <b>-.001825</b> |
| Stddev | .035008         | .0001879        | .000037         | .000504         | .000113         | .003355         | .000560         |
| %RSD   | 103.7698        | 50.18807        | 1.263106        | 11.08125        | 4.495817        | 47.80832        | 30.69570        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.041962</b> | <b>.0002006</b> | <b>-.002898</b> | <b>-.005133</b> | <b>-.002389</b> | <b>-.010409</b> | <b>-.002000</b> |
| #2 | <b>-.063899</b> | <b>.0003488</b> | <b>-.002893</b> | <b>-.004241</b> | <b>-.002546</b> | <b>-.003701</b> | <b>-.001198</b> |
| #3 | <b>.004652</b>  | <b>.0005738</b> | <b>-.002959</b> | <b>-.004280</b> | <b>-.002608</b> | <b>-.006940</b> | <b>-.002277</b> |

Sample Name: CCB02      Acquired: 6/11/2025 16:44:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002828</b> | <b>-.003803</b> | <b>-.003034</b> |
| Stddev | .000892         | .000882         | .000057         |
| %RSD   | 31.54026        | 23.20230        | 1.883643        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002529</b> | <b>-.003107</b> | <b>-.003056</b> |
| #2 | <b>-.003830</b> | <b>-.004795</b> | <b>-.003076</b> |
| #3 | <b>-.002123</b> | <b>-.003506</b> | <b>-.002969</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3103.545</b> | <b>71687.95</b> | <b>14530.42</b> | <b>2226.534</b> | <b>4495.320</b> |
| Stddev    | 12.514          | 74.14           | 8.28            | 2.741           | 13.167          |
| %RSD      | .4032178        | .1034208        | .0569959        | .1231221        | .2928956        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3105.283 | 71676.06 | 14534.15 | 2223.369 | 4502.103 |
| #2 | 3115.100 | 71620.48 | 14520.93 | 2228.108 | 4503.712 |
| #3 | 3090.253 | 71767.32 | 14536.18 | 2228.125 | 4480.145 |

Sample Name: Q2279-01MS      Acquired: 6/11/2025 16:49:00      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7614259</b> | <b>1.788353</b> | <b>1.151371</b> | <b>1.799049</b> | <b>.4759306</b> | <b>72.77494</b> |
| Stddev | .0006808        | .036543         | .021572         | .007435         | .0044748        | .07726          |
| %RSD   | .0894075        | 2.043378        | 1.873601        | .4132782        | .9402169        | .1061642        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7614306 | 1.760814 | 1.140223 | 1.802553 | .4780633 | 72.69077 |
| #2 | .7621042 | 1.774437 | 1.137654 | 1.804086 | .4789401 | 72.84263 |
| #3 | .7607427 | 1.829810 | 1.176236 | 1.790510 | .4707884 | 72.79143 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.617290</b> | <b>.1801908</b> | <b>.2047783</b> | <b>220.3284</b> | <b>.4651501</b> | <b>.2553875</b> |
| Stddev | .000385         | .0016094        | .0041309        | 1.1128          | .0008932        | .0034246        |
| %RSD   | .0237936        | .8931896        | 2.017228        | .5050813        | .1920270        | 1.340930        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.616920 | .1815495 | .2024605 | 219.1445 | .4655021 | .2533910 |
| #2 | 1.617688 | .1806094 | .2023268 | 220.4877 | .4658138 | .2534296 |
| #3 | 1.617262 | .1784134 | .2095476 | 221.3530 | .4641346 | .2593417 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5082418</b> | <b>85.74013</b> | <b>1.456459</b> | <b>37.82315</b> | <b>.6058963</b> | <b>.0713427</b> |
| Stddev | .0027509        | .51520          | .006025         | .32329          | .0081313        | .0005077        |
| %RSD   | .5412585        | .6008847        | .4136488        | .8547425        | 1.342032        | .7116036        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5093794 | 85.31072 | 1.450177 | 37.48500 | .6011109 | .0709497 |
| #2 | .5102415 | 85.59828 | 1.457011 | 37.85527 | .6012932 | .0719159 |
| #3 | .5051046 | 86.31140 | 1.462188 | 38.12918 | .6152850 | .0711625 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>128.1698</b> | <b>.4365525</b> | <b>.5403773</b> | <b>26.11435</b> | <b>.5261295</b> | <b>.3846593</b> |
| Stddev | .1928           | .0017519        | .0017021        | .03126          | .0005966        | .0021456        |
| %RSD   | .1504458        | .4013114        | .3149868        | .1196962        | .1133893        | .5577948        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 128.2578 | .4385398 | .5417068 | 26.12485 | .5254715 | .3864526 |
| #2 | 127.9487 | .4352312 | .5409660 | 26.07920 | .5262821 | .3852430 |
| #3 | 128.3030 | .4358867 | .5384589 | 26.13901 | .5266350 | .3822822 |

Sample Name: Q2279-01MS      Acquired: 6/11/2025 16:49:00      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.3619477</b> | <b>2.239398</b> | <b>F 111.3138</b> | <b>9.467336</b> | <b>20.04242</b> | <b>.3351109</b> |
| Stddev | .0082715        | .023392         | .4584             | .153038         | .27355          | .0011768        |
| %RSD   | 2.285287        | 1.044578        | .4118291          | 1.616483        | 1.364845        | .3511555        |
| #1     | .3576998        | 2.217864        | 110.9709          | 9.396479        | 19.87409        | .3339662        |
| #2     | .3566632        | 2.236045        | 111.1360          | 9.362568        | 19.89513        | .3363173        |
| #3     | .3714801        | 2.264286        | 111.8345          | 9.642961        | 20.35805        | .3350492        |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>.6444722</b> |
| Stddev | .0002618        |
| %RSD   | .0406213        |
| #1     | .6447120        |
| #2     | .6445118        |
| #3     | .6441929        |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2966.647</b> | <b>69429.32</b> | <b>16500.24</b> | <b>2103.369</b> | <b>3562.012</b> |
| Stddev    | 105.397         | 204.55          | 32.58           | 16.226          | 85.465          |
| %RSD      | 3.552745        | .2946199        | .1974618        | .7714241        | 2.399347        |
| #1        | 2906.897        | 69613.33        | 16536.21        | 2115.963        | 3512.807        |
| #2        | 2904.701        | 69465.56        | 16472.70        | 2109.086        | 3512.530        |
| #3        | 3088.343        | 69209.07        | 16491.81        | 2085.059        | 3660.698        |

Sample Name: Q2279-01MSD      Acquired: 6/11/2025 16:53:09      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7477156</b> | <b>1.761972</b> | <b>1.123944</b> | <b>1.780971</b> | <b>.4674279</b> | <b>68.72165</b> |
| Stddev | .0049108        | .016805         | .003614         | .005679         | .0023393        | .16019          |
| %RSD   | .6567669        | .9537459        | .3215704        | .3188748        | .5004513        | .2330956        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7481144 | 1.744691 | 1.121062 | 1.784473 | .4666277 | 68.87574 |
| #2 | .7524148 | 1.778256 | 1.122771 | 1.784022 | .4700623 | 68.73322 |
| #3 | .7426176 | 1.762970 | 1.127999 | 1.774419 | .4655938 | 68.55599 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.556617</b> | <b>.1784642</b> | <b>.1993130</b> | <b>213.6694</b> | <b>.4562535</b> | <b>.2482466</b> |
| Stddev | .003272         | .0061754        | .0007445        | .3813           | .0100507        | .0001294        |
| %RSD   | .2102193        | 3.460286        | .3735393        | .1784333        | 2.202881        | .0521277        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.560279 | .1754828 | .1987368 | 213.4487 | .4526603 | .2481149 |
| #2 | 1.553981 | .1855646 | .1990484 | 213.4499 | .4676069 | .2482515 |
| #3 | 1.555589 | .1743453 | .2001536 | 214.1097 | .4484931 | .2483735 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5011358</b> | <b>80.43880</b> | <b>1.409208</b> | <b>36.52526</b> | <b>.5892930</b> | <b>.0686326</b> |
| Stddev | .0037565        | 1.52751         | .001185         | .07841          | .0016095        | .0007273        |
| %RSD   | .7495984        | 1.898969        | .0841038        | .2146678        | .2731184        | 1.059662        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5024388 | 81.08588 | 1.408194 | 36.44210 | .5874800 | .0691186 |
| #2 | .5040673 | 78.69426 | 1.408919 | 36.59784 | .5898455 | .0677964 |
| #3 | .4969013 | 81.53626 | 1.410511 | 36.53583 | .5905534 | .0689827 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>120.0423</b> | <b>.4228922</b> | <b>.5178530</b> | <b>24.25093</b> | <b>.5058354</b> | <b>.3787711</b> |
| Stddev | 1.4471          | .0011373        | .0045249        | .43117          | .0027072        | .0023234        |
| %RSD   | 1.205458        | .2689440        | .8737746        | 1.777966        | .5351989        | .6134102        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 121.2834 | .4242019 | .5206135 | 24.54190 | .5040337 | .3799040 |
| #2 | 118.4529 | .4223203 | .5126310 | 23.75557 | .5089486 | .3803106 |
| #3 | 120.3906 | .4221542 | .5203145 | 24.45532 | .5045240 | .3760985 |

Sample Name: Q2279-01MSD      Acquired: 6/11/2025 16:53:09      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.3424427</b> | <b>2.062365</b> | <b>F 102.0057</b> | <b>9.249117</b> | <b>19.57815</b> | <b>.3222599</b> |
| Stddev | .0032077        | .015651         | 1.7763            | .032023         | .06373          | .0020866        |
| %RSD   | .9367148        | .7588822        | 1.741373          | .3462320        | .3255223        | .6474916        |
| #1     | .3389448        | 2.073805        | 103.2112          | 9.221751        | 19.50591        | .3237608        |
| #2     | .3431366        | 2.068762        | 99.9658           | 9.284336        | 19.60214        | .3198772        |
| #3     | .3452466        | 2.044529        | 102.8401          | 9.241264        | 19.62641        | .3231418        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.6260638</b> |
| Stddev | .0007932        |
| %RSD   | .1266949        |
| #1     | .6263785        |
| #2     | .6266513        |
| #3     | .6251615        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2911.749</b> | <b>70512.49</b> | <b>16403.88</b> | <b>2158.436</b> | <b>3518.402</b> |
| Stddev    | 57.158          | 1235.00         | 19.32           | 104.227         | 51.263          |
| %RSD      | 1.963016        | 1.751467        | .1178026        | 4.828808        | 1.456990        |
| #1        | 2876.403        | 70003.77        | 16421.66        | 2113.817        | 3487.343        |
| #2        | 2881.151        | 71920.60        | 16406.66        | 2277.545        | 3490.291        |
| #3        | 2977.692        | 69613.10        | 16383.32        | 2083.948        | 3577.570        |

Sample Name: Q2279-01A      Acquired: 6/11/2025 16:57:15      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.6993014</b> | <b>1.614380</b> | <b>1.049757</b> | <b>1.673502</b> | <b>.6822865</b> | <b>61.96171</b> |
| Stddev | .0031062        | .007471         | .001838         | .010796         | .0033081        | .14547          |
| %RSD   | .4441811        | .4628063        | .1750738        | .6451026        | .4848550        | .2347756        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7028654 | 1.614337 | 1.049367 | 1.674031 | .6860464 | 61.80480 |
| #2 | .6978682 | 1.621873 | 1.048146 | 1.684024 | .6809906 | 61.98822 |
| #3 | .6971707 | 1.606930 | 1.051759 | 1.662451 | .6798226 | 62.09210 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.493844</b> | <b>.1584329</b> | <b>.1820427</b> | <b>212.1088</b> | <b>.4180999</b> | <b>.2300233</b> |
| Stddev | .005251         | .0020037        | .0005864        | 3.9829          | .0029548        | .0006913        |
| %RSD   | .3514898        | 1.264671        | .3221023        | 1.877785        | .7067155        | .3005448        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.488254 | .1606356 | .1813820 | 216.4768 | .4215029 | .2292643 |
| #2 | 1.494607 | .1567186 | .1825013 | 208.6780 | .4161850 | .2306168 |
| #3 | 1.498671 | .1579446 | .1822448 | 211.1716 | .4166118 | .2301888 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4760565</b> | <b>82.07962</b> | <b>1.402517</b> | <b>35.70271</b> | <b>.5469092</b> | <b>.0627946</b> |
| Stddev | .0004834        | 1.40803         | .024478         | .87023          | .0009234        | .0008780        |
| %RSD   | .1015360        | 1.715441        | 1.745282        | 2.437425        | .1688327        | 1.398271        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4756748 | 83.68415 | 1.428854 | 36.67668 | .5458505 | .0635837 |
| #2 | .4766000 | 81.05007 | 1.380464 | 35.00165 | .5475477 | .0618487 |
| #3 | .4758947 | 81.50464 | 1.398233 | 35.42979 | .5473295 | .0629513 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>121.6347</b> | <b>.3945211</b> | <b>.4932892</b> | <b>23.98378</b> | <b>.4861619</b> | <b>.3659512</b> |
| Stddev | 1.2350          | .0029307        | .0017525        | .16824          | .0057378        | .0011322        |
| %RSD   | 1.015323        | .7428431        | .3552701        | .7014855        | 1.180216        | .3093895        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 120.6298 | .3975074 | .4928234 | 23.81227 | .4926151 | .3655825 |
| #2 | 123.0134 | .3916494 | .4952276 | 24.14855 | .4816357 | .3672218 |
| #3 | 121.2609 | .3944065 | .4918167 | 23.99052 | .4842350 | .3650493 |

Sample Name: Q2279-01A      Acquired: 6/11/2025 16:57:15      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.6208061</b> | <b>1.924141</b> | <b>F 98.18009</b> | <b>8.846604</b> | <b>19.07682</b> | <b>.2940689</b> |
| Stddev | .0005166        | .023086         | .67421            | .029684         | .02643          | .0038248        |
| %RSD   | .0832092        | 1.199802        | .6867049          | .3355445        | .1385218        | 1.300637        |
| #1     | .6202456        | 1.949318        | 98.93051          | 8.861346        | 19.04634        | .2896913        |
| #2     | .6212630        | 1.903966        | 97.98433          | 8.812435        | 19.09067        | .2967641        |
| #3     | .6209097        | 1.919139        | 97.62542          | 8.866032        | 19.09343        | .2957512        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.5898553</b> |
| Stddev | .0031296        |
| %RSD   | .5305706        |
| #1     | .5866175        |
| #2     | .5900844        |
| #3     | .5928641        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2903.314</b> | <b>69672.71</b> | <b>16784.05</b> | <b>2113.540</b> | <b>3537.505</b> |
| Stddev    | 14.655          | 252.47          | 68.21           | 17.243          | 11.883          |
| %RSD      | .5047757        | .3623632        | .4064210        | .8158551        | .3359017        |
| #1        | 2891.509        | 69894.68        | 16727.86        | 2133.246        | 3526.314        |
| #2        | 2898.715        | 69398.06        | 16859.95        | 2101.218        | 3536.224        |
| #3        | 2919.717        | 69725.40        | 16764.34        | 2106.157        | 3549.976        |

Sample Name: PB168369TB      Acquired: 6/11/2025 17:01:20      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.006964</b> | <b>-.006956</b> | <b>-.002264</b> | <b>.0020650</b> | <b>-.004303</b> | <b>.0125001</b> | <b>-.010650</b> |
| Stddev | .000999         | .000342         | .000930         | .0017188        | .000792         | .0022687        | .000369         |
| %RSD   | 14.35059        | 4.920666        | 41.06459        | 83.23355        | 18.40464        | 18.14901        | 3.464416        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007073</b> | <b>-.006745</b> | <b>-.002919</b> | <b>.0037342</b> | <b>-.004397</b> | <b>.0123226</b> | <b>-.010372</b> |
| #2 | <b>-.005914</b> | <b>-.006772</b> | <b>-.002673</b> | <b>.0003006</b> | <b>-.005043</b> | <b>.0103255</b> | <b>-.010510</b> |
| #3 | <b>-.007904</b> | <b>-.007351</b> | <b>-.001200</b> | <b>.0021604</b> | <b>-.003468</b> | <b>.0148523</b> | <b>-.011069</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000291</b> | <b>-.001520</b> | <b>.1285862</b> | <b>.0064213</b> | <b>-.001851</b> | <b>-.000472</b> | <b>.2120523</b> |
| Stddev | .000019         | .000093         | .0131496        | .0004110        | .000193         | .000109         | .0006039        |
| %RSD   | 6.614133        | 6.134598        | 10.22632        | 6.401407        | 10.41753        | 23.18975        | .2847724        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000312</b> | <b>-.001556</b> | <b>.1437198</b> | <b>.0068926</b> | <b>-.002066</b> | <b>-.000347</b> | <b>.2125590</b> |
| #2 | <b>-.000285</b> | <b>-.001590</b> | <b>.1220894</b> | <b>.0062341</b> | <b>-.001794</b> | <b>-.000518</b> | <b>.2122138</b> |
| #3 | <b>-.000275</b> | <b>-.001414</b> | <b>.1199495</b> | <b>.0061371</b> | <b>-.001693</b> | <b>-.000551</b> | <b>.2113841</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0044194</b> | <b>-.011613</b> | <b>.0036192</b> | <b>-.000621</b> | <b>338.2689</b> | <b>-.001558</b> | <b>.0024626</b> |
| Stddev | .0001749        | .007771         | .0001336        | .000194         | 9.7978          | .000898         | .0002088        |
| %RSD   | 3.957180        | 66.91662        | 3.692294        | 31.25683        | 2.896459        | 57.67793        | 8.477274        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0044020</b> | <b>-.003432</b> | <b>.0034708</b> | <b>-.000398</b> | <b>345.9436</b> | <b>-.001116</b> | <b>.0025691</b> |
| #2 | <b>.0042538</b> | <b>-.018896</b> | <b>.0037301</b> | <b>-.000713</b> | <b>327.2328</b> | <b>-.002592</b> | <b>.0022221</b> |
| #3 | <b>.0046023</b> | <b>-.012509</b> | <b>.0036566</b> | <b>-.000752</b> | <b>341.6302</b> | <b>-.000966</b> | <b>.0025966</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0638894</b> | <b>-.001907</b> | <b>-.002531</b> | <b>-.004109</b> | <b>-.002149</b> | <b>.0136556</b> | <b>.0356663</b> |
| Stddev | .0082699        | .000480         | .000071         | .000266         | .000450         | .0068363        | .0023654        |
| %RSD   | 12.94415        | 25.14896        | 2.808186        | 6.469397        | 20.93766        | 50.06192        | 6.632028        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0684896</b> | <b>-.001605</b> | <b>-.002573</b> | <b>-.003806</b> | <b>-.002588</b> | <b>.0058394</b> | <b>.0380523</b> |
| #2 | <b>.0543422</b> | <b>-.001657</b> | <b>-.002449</b> | <b>-.004220</b> | <b>-.001688</b> | <b>.0166078</b> | <b>.0356246</b> |
| #3 | <b>.0688365</b> | <b>-.002460</b> | <b>-.002570</b> | <b>-.004302</b> | <b>-.002172</b> | <b>.0185198</b> | <b>.0333221</b> |

Sample Name: PB168369TB      Acquired: 6/11/2025 17:01:20      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0876073 | -.002455 | -.002293 |
| Stddev | .0035656 | .000577  | .000044  |
| %RSD   | 4.070023 | 23.49585 | 1.925721 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0854091 | -.001854 | -.002247 |
| #2 | .0917213 | -.002509 | -.002336 |
| #3 | .0856915 | -.003004 | -.002295 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2774.509 | 64186.16 | 15234.50 | 1987.692 | 3731.459 |
| Stddev    | 45.750   | 345.77   | 30.96    | 30.726   | 40.979   |
| %RSD      | 1.648937 | .5386939 | .2032125 | 1.545801 | 1.098208 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2753.627 | 63909.83 | 15223.66 | 1958.075 | 3714.654 |
| #2 | 2826.975 | 64573.90 | 15269.41 | 2019.418 | 3778.169 |
| #3 | 2742.927 | 64074.76 | 15210.41 | 1985.583 | 3701.554 |

Sample Name: Q2214-04      Acquired: 6/11/2025 17:05:49      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.006966</b> | <b>-.009010</b> | <b>.0587032</b> | <b>.0028311</b> | <b>-.005064</b> | <b>1.559037</b> | <b>.5711132</b> |
| Stddev | .001792         | .000676         | .0009652        | .0018334        | .001431         | .008741         | .0032676        |
| %RSD   | 25.72692        | 7.499558        | 1.644170        | 64.76029        | 28.25848        | .5606755        | .5721477        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005535</b> | <b>-.008274</b> | <b>.0595873</b> | <b>.0044211</b> | <b>-.003708</b> | <b>1.565262</b> | <b>.5685086</b> |
| #2 | <b>-.008976</b> | <b>-.009155</b> | <b>.0588486</b> | <b>.0032465</b> | <b>-.006560</b> | <b>1.549044</b> | <b>.5747797</b> |
| #3 | <b>-.006386</b> | <b>-.009602</b> | <b>.0576735</b> | <b>.0008256</b> | <b>-.004924</b> | <b>1.562804</b> | <b>.5700514</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000185</b> | <b>-.000910</b> | <b>11.95448</b> | <b>.0006724</b> | <b>-.001331</b> | <b>.0104826</b> | <b>1.906780</b> |
| Stddev | .000037         | .000109         | .01503          | .0000565        | .000164         | .0002642        | .010133         |
| %RSD   | 20.03549        | 11.98454        | .1257189        | 8.399444        | 12.35786        | 2.520398        | .5314383        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000203</b> | <b>-.000901</b> | <b>11.94439</b> | <b>.0006907</b> | <b>-.001473</b> | <b>.0101875</b> | <b>1.915047</b> |
| #2 | <b>-.000209</b> | <b>-.000805</b> | <b>11.94730</b> | <b>.0007174</b> | <b>-.001151</b> | <b>.0106972</b> | <b>1.895475</b> |
| #3 | <b>-.000142</b> | <b>-.001023</b> | <b>11.97175</b> | <b>.0006090</b> | <b>-.001370</b> | <b>.0105630</b> | <b>1.909818</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2381711</b> | <b>2.389051</b> | <b>.0002630</b> | <b>-.000641</b> | <b>270.4882</b> | <b>-.000834</b> | <b>.9113669</b> |
| Stddev | .0009158        | .014730         | .0003463        | .000165         | 1.4823          | .000569         | .0084172        |
| %RSD   | .3845097        | .6165458        | 131.6683        | 25.73065        | .5480276        | 68.24633        | .9235750        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2381394</b> | <b>2.392074</b> | <b>.0000196</b> | <b>-.000545</b> | <b>269.7887</b> | <b>-.000179</b> | <b>.9183085</b> |
| #2 | <b>.2372716</b> | <b>2.373044</b> | <b>.0001100</b> | <b>-.000546</b> | <b>269.4850</b> | <b>-.001112</b> | <b>.9020046</b> |
| #3 | <b>.2391024</b> | <b>2.402033</b> | <b>.0006594</b> | <b>-.000831</b> | <b>272.1909</b> | <b>-.001212</b> | <b>.9137874</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.661058</b> | <b>.4731922</b> | <b>-.002837</b> | <b>-.005962</b> | <b>.0093268</b> | <b>1.109135</b> | <b>.4353432</b> |
| Stddev | .017796         | .0021889        | .000254         | .000775         | .0006044        | .009539         | .0017890        |
| %RSD   | .6687472        | .4625829        | 8.952019        | 12.99563        | 6.480331        | .8600695        | .4109363        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.680905</b> | <b>.4731785</b> | <b>-.002682</b> | <b>-.006700</b> | <b>.0099021</b> | <b>1.100127</b> | <b>.4357495</b> |
| #2 | <b>2.646523</b> | <b>.4753880</b> | <b>-.002698</b> | <b>-.005155</b> | <b>.0086970</b> | <b>1.119129</b> | <b>.4333860</b> |
| #3 | <b>2.655746</b> | <b>.4710103</b> | <b>-.003130</b> | <b>-.006031</b> | <b>.0093814</b> | <b>1.108149</b> | <b>.4368941</b> |

Sample Name: Q2214-04      Acquired: 6/11/2025 17:05:49      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 2.341471 | .0006037 | .0467339 |
| Stddev | .002119  | .0006979 | .0000770 |
| %RSD   | .0905012 | 115.6053 | .1647945 |
| #1     | 2.342504 | .0013895 | .0467455 |
| #2     | 2.339034 | .0000557 | .0468044 |
| #3     | 2.342877 | .0003660 | .0466517 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2797.889 | 64847.25 | 15033.89 | 2012.775 | 3754.797 |
| Stddev    | 28.651   | 255.27   | 10.51    | 24.776   | 26.438   |
| %RSD      | 1.024013 | .3936540 | .0699273 | 1.230958 | .7041116 |
| #1        | 2829.845 | 64650.57 | 15028.65 | 1996.288 | 3783.961 |
| #2        | 2789.326 | 65135.73 | 15046.00 | 2041.267 | 3748.027 |
| #3        | 2774.497 | 64755.45 | 15027.03 | 2000.771 | 3732.402 |

Sample Name: Q2271-04      Acquired: 6/11/2025 17:10:12      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.006689</b> | <b>-.007611</b> | <b>-.003625</b> | <b>.0031244</b> | <b>-.003209</b> | <b>.0798620</b> | <b>.2481509</b> |
| Stddev | .001420         | .001290         | .001308         | .0031969        | .001125         | .0032616        | .0001884        |
| %RSD   | 21.22864        | 16.95274        | 36.08616        | 102.3202        | 35.06120        | 4.084075        | .0759126        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006405</b> | <b>-.008670</b> | <b>-.002114</b> | <b>.0067488</b> | <b>-.001986</b> | <b>.0767639</b> | <b>.2479505</b> |
| #2 | <b>-.005432</b> | <b>-.007988</b> | <b>-.004370</b> | <b>.0007058</b> | <b>-.003441</b> | <b>.0832656</b> | <b>.2481777</b> |
| #3 | <b>-.008229</b> | <b>-.006174</b> | <b>-.004390</b> | <b>.0019185</b> | <b>-.004200</b> | <b>.0795563</b> | <b>.2483244</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000220</b> | <b>-.001344</b> | <b>10.57762</b> | <b>.0011983</b> | <b>-.001817</b> | <b>.0030335</b> | <b>.0601547</b> |
| Stddev | .000057         | .000047         | .03278          | .0001891        | .000134         | .0001067        | .0036346        |
| %RSD   | 25.81761        | 3.504346        | .3098769        | 15.78377        | 7.363341        | 3.516136        | 6.042030        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000158</b> | <b>-.001291</b> | <b>10.54891</b> | <b>.0010753</b> | <b>-.001807</b> | <b>.0030956</b> | <b>.0577544</b> |
| #2 | <b>-.000270</b> | <b>-.001380</b> | <b>10.57063</b> | <b>.0011036</b> | <b>-.001689</b> | <b>.0030946</b> | <b>.0583733</b> |
| #3 | <b>-.000233</b> | <b>-.001361</b> | <b>10.61333</b> | <b>.0014161</b> | <b>-.001956</b> | <b>.0029104</b> | <b>.0643363</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0735176</b> | <b>1.354650</b> | <b>.0000369</b> | <b>-.000737</b> | <b>381.7101</b> | <b>-.000895</b> | <b>.0755818</b> |
| Stddev | .0002179        | .015319         | .0003947        | .000329         | 1.3498          | .000462         | .0003442        |
| %RSD   | .2963514        | 1.130878        | 1069.572        | 44.56599        | .3536269        | 51.60577        | .4553481        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0732689</b> | <b>1.341112</b> | <b>.0000295</b> | <b>-.000828</b> | <b>381.7705</b> | <b>-.000465</b> | <b>.0757381</b> |
| #2 | <b>.0736091</b> | <b>1.351559</b> | <b>.0004353</b> | <b>-.000373</b> | <b>383.0286</b> | <b>-.001383</b> | <b>.0751872</b> |
| #3 | <b>.0736749</b> | <b>1.371279</b> | <b>-.000354</b> | <b>-.001011</b> | <b>380.3310</b> | <b>-.000838</b> | <b>.0758200</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.844714</b> | <b>.0545520</b> | <b>-.002835</b> | <b>-.005308</b> | <b>-.001903</b> | <b>1.119712</b> | <b>.0408083</b> |
| Stddev | .011575         | .0002140        | .000016         | .001001         | .000420         | .008995         | .0010867        |
| %RSD   | .6274824        | .3922191        | .5779071        | 18.86418        | 22.04267        | .8033406        | 2.662921        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.851114</b> | <b>.0543630</b> | <b>-.002838</b> | <b>-.004153</b> | <b>-.002289</b> | <b>1.109462</b> | <b>.0407820</b> |
| #2 | <b>1.851676</b> | <b>.0545087</b> | <b>-.002817</b> | <b>-.005932</b> | <b>-.001965</b> | <b>1.126292</b> | <b>.0397350</b> |
| #3 | <b>1.831352</b> | <b>.0547843</b> | <b>-.002850</b> | <b>-.005838</b> | <b>-.001456</b> | <b>1.123383</b> | <b>.0419079</b> |

Sample Name: Q2271-04      Acquired: 6/11/2025 17:10:12      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.5168117</b> | <b>.0001711</b> | <b>.0709870</b> |
| Stddev | .0097142        | .0024656        | .0001451        |
| %RSD   | 1.879637        | 1441.162        | .2044508        |
| #1     | .5158621        | .0021907        | .0709837        |
| #2     | .5269658        | .0008991        | .0708436        |
| #3     | .5076072        | -.002577        | .0711338        |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2758.024</b> | <b>62645.95</b> | <b>15322.67</b> | <b>1928.728</b> | <b>3685.534</b> |
| Stddev    | 102.865         | 80.88           | 62.54           | 2.946           | 90.058          |
| %RSD      | 3.729678        | .1291009        | .4081854        | .1527300        | 2.443546        |
| #1        | 2694.243        | 62731.47        | 15366.72        | 1929.033        | 3627.238        |
| #2        | 2876.692        | 62635.67        | 15350.22        | 1931.509        | 3789.258        |
| #3        | 2703.137        | 62570.70        | 15251.08        | 1925.642        | 3640.106        |

Sample Name: Q2272-04      Acquired: 6/11/2025 17:14:40      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.009369</b> | <b>-.008353</b> | <b>-.002766</b> | <b>.0021607</b> | <b>-.002921</b> | <b>.0443982</b> | <b>.1280951</b> |
| Stddev | .002164         | .001526         | .001778         | .0011214        | .001525         | .0028906        | .0006702        |
| %RSD   | 23.09405        | 18.26465        | 64.28858        | 51.89858        | 52.18550        | 6.510679        | .5232056        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007505</b> | <b>-.007485</b> | <b>-.001314</b> | <b>.0013112</b> | <b>-.004440</b> | <b>.0447605</b> | <b>.1287066</b> |
| #2 | <b>-.011742</b> | <b>-.007460</b> | <b>-.002235</b> | <b>.0034318</b> | <b>-.001391</b> | <b>.0470907</b> | <b>.1273786</b> |
| #3 | <b>-.008861</b> | <b>-.010115</b> | <b>-.004749</b> | <b>.0017392</b> | <b>-.002932</b> | <b>.0413436</b> | <b>.1282002</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000185</b> | <b>-.001389</b> | <b>15.25133</b> | <b>-.001412</b> | <b>-.001875</b> | <b>.0132250</b> | <b>-.000499</b> |
| Stddev | .000038         | .000069         | .16176          | .000289         | .000072         | .0005778        | .003943         |
| %RSD   | 20.67257        | 4.951910        | 1.060615        | 20.46056        | 3.846813        | 4.369395        | 790.3349        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000227</b> | <b>-.001389</b> | <b>15.43078</b> | <b>-.001639</b> | <b>-.001927</b> | <b>.0125776</b> | <b>-.001335</b> |
| #2 | <b>-.000153</b> | <b>-.001321</b> | <b>15.11674</b> | <b>-.001087</b> | <b>-.001905</b> | <b>.0134088</b> | <b>.003795</b>  |
| #3 | <b>-.000175</b> | <b>-.001458</b> | <b>15.20647</b> | <b>-.001509</b> | <b>-.001793</b> | <b>.0136886</b> | <b>-.003957</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2932925</b> | <b>1.475743</b> | <b>-.000825</b> | <b>-.000624</b> | <b>295.0951</b> | <b>-.001397</b> | <b>.0269835</b> |
| Stddev | .0032292        | .016780         | .000504         | .000132         | 1.8837          | .000790         | .0004281        |
| %RSD   | 1.101023        | 1.137068        | 61.10214        | 21.18655        | .6383290        | 56.59055        | 1.586448        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2964022</b> | <b>1.494046</b> | <b>-.001260</b> | <b>-.000503</b> | <b>296.3646</b> | <b>-.002292</b> | <b>.0271427</b> |
| #2 | <b>.2899557</b> | <b>1.461085</b> | <b>-.000272</b> | <b>-.000765</b> | <b>295.9898</b> | <b>-.001106</b> | <b>.0273091</b> |
| #3 | <b>.2935196</b> | <b>1.472096</b> | <b>-.000943</b> | <b>-.000605</b> | <b>292.9308</b> | <b>-.000793</b> | <b>.0264986</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8306602</b> | <b>.0086100</b> | <b>-.002969</b> | <b>-.006192</b> | <b>-.002931</b> | <b>.8379711</b> | <b>.0168773</b> |
| Stddev | .0165964        | .0003432        | .000043         | .000145         | .000481         | .0082335        | .0016328        |
| %RSD   | 1.997978        | 3.985515        | 1.454427        | 2.341031        | 16.41974        | .9825583        | 9.674712        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8125010</b> | <b>.0088735</b> | <b>-.003019</b> | <b>-.006098</b> | <b>-.002707</b> | <b>.8368269</b> | <b>.0169795</b> |
| #2 | <b>.8450430</b> | <b>.0082220</b> | <b>-.002945</b> | <b>-.006359</b> | <b>-.003483</b> | <b>.8467169</b> | <b>.0184566</b> |
| #3 | <b>.8344366</b> | <b>.0087346</b> | <b>-.002943</b> | <b>-.006119</b> | <b>-.002603</b> | <b>.8303695</b> | <b>.0151957</b> |

Sample Name: Q2272-04      Acquired: 6/11/2025 17:14:40      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .3617877 | -.000089 | .1065514 |
| Stddev | .0010179 | .001164  | .0006755 |
| %RSD   | .2813521 | 1306.994 | .6339708 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3610095 | .000080  | .1057917 |
| #2 | .3629397 | .000981  | .1067781 |
| #3 | .3614140 | -.001328 | .1070843 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2764.848 | 65218.31 | 15338.65 | 1984.210 | 3740.446 |
| Stddev    | 12.984   | 294.85   | 40.04    | 14.949   | 17.142   |
| %RSD      | .4695960 | .4521023 | .2610191 | .7533844 | .4582838 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2773.847 | 65003.77 | 15374.01 | 1976.422 | 3752.377 |
| #2 | 2770.733 | 65096.63 | 15346.76 | 1974.763 | 3748.159 |
| #3 | 2749.964 | 65554.53 | 15295.18 | 2001.444 | 3720.803 |

Sample Name: Q2273-04      Acquired: 6/11/2025 17:19:06      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.008646</b> | <b>-.009804</b> | <b>-.002977</b> | <b>.0054523</b> | <b>-.002867</b> | <b>.0689864</b> | <b>.8470305</b> |
| Stddev | .001306         | .001559         | .000373         | .0020673        | .002784         | .0017579        | .0013050        |
| %RSD   | 15.09934        | 15.90010        | 12.51992        | 37.91733        | 97.10249        | 2.548122        | .1540710        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009812</b> | <b>-.010615</b> | <b>-.003369</b> | <b>.0037249</b> | <b>-.004039</b> | <b>.0695804</b> | <b>.8471348</b> |
| #2 | <b>-.007235</b> | <b>-.008006</b> | <b>-.002627</b> | <b>.0048891</b> | <b>.000311</b>  | <b>.0670085</b> | <b>.8482803</b> |
| #3 | <b>-.008891</b> | <b>-.010789</b> | <b>-.002935</b> | <b>.0077428</b> | <b>-.004874</b> | <b>.0703703</b> | <b>.8456765</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000015</b> | <b>-.001200</b> | <b>62.68042</b> | <b>-.000626</b> | <b>.0007815</b> | <b>.0060304</b> | <b>.0117056</b> |
| Stddev | .000078         | .000037         | .10091          | .000556         | .0000522        | .0003841        | .0024067        |
| %RSD   | 527.6779        | 3.059457        | .1609971        | 88.90139        | 6.681106        | 6.369324        | 20.55993        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000083</b> | <b>-.001209</b> | <b>62.65138</b> | <b>-.000001</b> | <b>.0007580</b> | <b>.0060794</b> | <b>.0089291</b> |
| #2 | <b>.000070</b>  | <b>-.001231</b> | <b>62.59720</b> | <b>-.000808</b> | <b>.0007452</b> | <b>.0056241</b> | <b>.0129925</b> |
| #3 | <b>-.000031</b> | <b>-.001160</b> | <b>62.79266</b> | <b>-.001069</b> | <b>.0008414</b> | <b>.0063876</b> | <b>.0131952</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.239098</b> | <b>5.199441</b> | <b>.0080834</b> | <b>-.000930</b> | <b>410.7299</b> | <b>-.001440</b> | <b>.0787524</b> |
| Stddev | .002460         | .025096         | .0003298        | .000218         | 1.7533          | .000879         | .0003559        |
| %RSD   | .1985108        | .4826624        | 4.079402        | 23.43226        | .4268842        | 61.07379        | .4519752        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.240070</b> | <b>5.217536</b> | <b>.0082795</b> | <b>-.000709</b> | <b>411.1473</b> | <b>-.000443</b> | <b>.0788367</b> |
| #2 | <b>1.236301</b> | <b>5.170792</b> | <b>.0082680</b> | <b>-.001145</b> | <b>412.2368</b> | <b>-.001768</b> | <b>.0790587</b> |
| #3 | <b>1.240923</b> | <b>5.209995</b> | <b>.0077027</b> | <b>-.000936</b> | <b>408.8055</b> | <b>-.002107</b> | <b>.0783619</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7933615</b> | <b>.0355265</b> | <b>-.002719</b> | <b>-.007833</b> | <b>-.004670</b> | <b>1.087010</b> | <b>.0225449</b> |
| Stddev | .0004874        | .0001578        | .000279         | .001050         | .000790         | .010167         | .0030750        |
| %RSD   | .0614304        | .4441412        | 10.27215        | 13.40544        | 16.92005        | .9353307        | 13.63959        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7937896</b> | <b>.0353450</b> | <b>-.003021</b> | <b>-.006936</b> | <b>-.005560</b> | <b>1.088882</b> | <b>.0256766</b> |
| #2 | <b>.7928311</b> | <b>.0356304</b> | <b>-.002666</b> | <b>-.007575</b> | <b>-.004398</b> | <b>1.096111</b> | <b>.0224281</b> |
| #3 | <b>.7934638</b> | <b>.0356042</b> | <b>-.002470</b> | <b>-.008988</b> | <b>-.004052</b> | <b>1.076037</b> | <b>.0195299</b> |

Sample Name: Q2273-04      Acquired: 6/11/2025 17:19:06      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.2941091</b> | <b>.0131905</b> | <b>.2857535</b> |
| Stddev | .0023844        | .0012647        | .0002184        |
| %RSD   | .8107337        | 9.587861        | .0764300        |
| #1     | .2965065        | .0142768        | .2855863        |
| #2     | .2940830        | .0134926        | .2860006        |
| #3     | .2917379        | .0118021        | .2856735        |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2687.776</b> | <b>62333.70</b> | <b>15398.72</b> | <b>1918.541</b> | <b>3550.107</b> |
| Stddev    | 11.936          | 95.50           | 4.98            | 10.437          | 15.427          |
| %RSD      | .4440957        | .1532067        | .0323688        | .5440146        | .4345446        |
| #1        | 2680.498        | 62244.76        | 15401.81        | 1906.893        | 3539.641        |
| #2        | 2701.552        | 62434.63        | 15401.38        | 1921.687        | 3567.823        |
| #3        | 2681.278        | 62321.71        | 15392.97        | 1927.043        | 3542.856        |

Sample Name: Q2273-08      Acquired: 6/11/2025 17:23:32      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.006311</b> | <b>-.010339</b> | <b>-.003402</b> | <b>.0034564</b> | <b>-.001500</b> | <b>.0681911</b> | <b>.4327493</b> |
| Stddev | .001265         | .000445         | .000860         | .0033129        | .001534         | .0050315        | .0002367        |
| %RSD   | 20.04790        | 4.305690        | 25.26780        | 95.84904        | 102.2888        | 7.378565        | .0546935        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004862</b> | <b>-.010384</b> | <b>-.002553</b> | <b>.0072179</b> | <b>-.002724</b> | <b>.0662896</b> | <b>.4325100</b> |
| #2 | <b>-.006873</b> | <b>-.009872</b> | <b>-.003381</b> | <b>.0021790</b> | <b>-.001996</b> | <b>.0738962</b> | <b>.4327547</b> |
| #3 | <b>-.007197</b> | <b>-.010759</b> | <b>-.004271</b> | <b>.0009723</b> | <b>.000221</b>  | <b>.0643874</b> | <b>.4329833</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000301</b> | <b>-.000882</b> | <b>145.0937</b> | <b>-.001378</b> | <b>-.001626</b> | <b>.0019927</b> | <b>.0099973</b> |
| Stddev | .000036         | .000035         | 2.4751          | .000309         | .000278         | .0003878        | .0003746        |
| %RSD   | 11.89284        | 3.948483        | 1.705872        | 22.42216        | 17.12495        | 19.46015        | 3.747136        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000285</b> | <b>-.000853</b> | <b>144.2074</b> | <b>-.001600</b> | <b>-.001930</b> | <b>.0019884</b> | <b>.0101521</b> |
| #2 | <b>-.000275</b> | <b>-.000920</b> | <b>147.8899</b> | <b>-.001510</b> | <b>-.001564</b> | <b>.0016072</b> | <b>.0102698</b> |
| #3 | <b>-.000342</b> | <b>-.000871</b> | <b>143.1837</b> | <b>-.001025</b> | <b>-.001383</b> | <b>.0023827</b> | <b>.0095701</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.601661</b> | <b>3.884319</b> | <b>.0021712</b> | <b>-.001027</b> | <b>323.0926</b> | <b>-.001454</b> | <b>.0254125</b> |
| Stddev | .021210         | .079050         | .0001783        | .000280         | 2.1050          | .000188         | .0000362        |
| %RSD   | 1.324240        | 2.035106        | 8.209642        | 27.29405        | .6515143        | 12.90336        | .1425891        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.594859</b> | <b>3.851995</b> | <b>.0019969</b> | <b>-.001270</b> | <b>325.5233</b> | <b>-.001637</b> | <b>.0253707</b> |
| #2 | <b>1.625437</b> | <b>3.974409</b> | <b>.0021635</b> | <b>-.001092</b> | <b>321.8708</b> | <b>-.001463</b> | <b>.0254308</b> |
| #3 | <b>1.584686</b> | <b>3.826554</b> | <b>.0023532</b> | <b>-.000720</b> | <b>321.8839</b> | <b>-.001262</b> | <b>.0254359</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8165460</b> | <b>.0062654</b> | <b>-.002251</b> | <b>-.008543</b> | <b>-.006404</b> | <b>.5244593</b> | <b>.0109496</b> |
| Stddev | .0181278        | .0003304        | .000287         | .000755         | .000313         | .0115524        | .0018001        |
| %RSD   | 2.220064        | 5.273962        | 12.73919        | 8.837933        | 4.880126        | 2.202724        | 16.44041        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7956138</b> | <b>.0060933</b> | <b>-.001998</b> | <b>-.007836</b> | <b>-.006661</b> | <b>.5121143</b> | <b>.0123860</b> |
| #2 | <b>.8269928</b> | <b>.0066464</b> | <b>-.002562</b> | <b>-.009339</b> | <b>-.006056</b> | <b>.5350088</b> | <b>.0089302</b> |
| #3 | <b>.8270313</b> | <b>.0060565</b> | <b>-.002192</b> | <b>-.008454</b> | <b>-.006494</b> | <b>.5262546</b> | <b>.0115325</b> |

Sample Name: Q2273-08      Acquired: 6/11/2025 17:23:32      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .3485842 | .0312071 | .2435226 |
| Stddev | .0027895 | .0010657 | .0005009 |
| %RSD   | .8002467 | 3.415017 | .2056768 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3474053 | .0324376 | .2440966 |
| #2 | .3465776 | .0305855 | .2431747 |
| #3 | .3517696 | .0305980 | .2432963 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2663.905 | 64607.86 | 15094.51 | 1942.711 | 3515.734 |
| Stddev    | 5.526    | 113.95   | 98.95    | 11.543   | 3.657    |
| %RSD      | .2074508 | .1763791 | .6555271 | .5941521 | .1040212 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2659.210 | 64660.83 | 15104.97 | 1947.424 | 3514.367 |
| #2 | 2669.995 | 64477.07 | 14990.75 | 1929.558 | 3519.878 |
| #3 | 2662.509 | 64685.70 | 15187.81 | 1951.152 | 3512.958 |

Sample Name: CCV03      Acquired: 6/11/2025 17:27:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.822493</b> | <b>4.880186</b> | <b>4.887735</b> | <b>4.847253</b> | <b>4.831159</b> | <b>9.663413</b> | <b>9.761232</b> |
| Stddev | .016163         | .023610         | .045871         | .019128         | .011712         | .035780         | .028898         |
| %RSD   | .3351586        | .4838007        | .9384845        | .3946110        | .2424327        | .3702651        | .2960471        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.824173 | 4.859774 | 4.854704 | 4.845188 | 4.840829 | 9.701906 | 9.727907 |
| #2 | 4.805556 | 4.874742 | 4.868391 | 4.829242 | 4.834513 | 9.657165 | 9.779370 |
| #3 | 4.837750 | 4.906044 | 4.940109 | 4.867330 | 4.818136 | 9.631168 | 9.776418 |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2321105</b> | <b>2.444412</b> | <b>24.05829</b> | <b>.9464840</b> | <b>2.445082</b> | <b>1.222759</b> | <b>4.824595</b> |
| Stddev | .0040684        | .030124         | .08387          | .0085941        | .021442         | .002765         | .039174         |
| %RSD   | 1.752773        | 1.232360        | .3486010        | .9080006        | .8769570        | .2261032        | .8119747        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2366183 | 2.422928 | 24.03078 | .9557078 | 2.428155 | 1.225948 | 4.781119 |
| #2 | .2310018 | 2.431463 | 24.15246 | .9387020 | 2.437898 | 1.221282 | 4.835515 |
| #3 | .2287114 | 2.478845 | 23.99164 | .9450423 | 2.469194 | 1.221046 | 4.857151 |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.395099</b> | <b>23.95645</b> | <b>2.446316</b> | <b>1.188984</b> | <b>23.66800</b> | <b>2.432953</b> | <b>2.399642</b> |
| Stddev | .013887         | .12994          | .023346         | .003365         | .12108          | .004305         | .006617         |
| %RSD   | .5798180        | .5423808        | .9543306        | .2829829        | .5115733        | .1769369        | .2757677        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.390660 | 23.86519 | 2.428166 | 1.192784 | 23.53381 | 2.433867 | 2.406974 |
| #2 | 2.410663 | 24.10522 | 2.438131 | 1.186386 | 23.70109 | 2.436728 | 2.397841 |
| #3 | 2.383973 | 23.89895 | 2.472653 | 1.187781 | 23.76909 | 2.428265 | 2.394112 |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.79062</b> | <b>4.627031</b> | <b>4.921801</b> | <b>4.863231</b> | <b>4.834462</b> | <b>4.921688</b> | <b>4.817000</b> |
| Stddev | .18848          | .068522         | .011707         | .054154         | .012275         | .062018         | .043965         |
| %RSD   | .7922370        | 1.480914        | .2378629        | 1.113547        | .2539091        | 1.260091        | .9127149        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.58528 | 4.701902 | 4.922092 | 4.823531 | 4.828704 | 4.853421 | 4.786865 |
| #2 | 23.83083 | 4.611756 | 4.909951 | 4.841239 | 4.848558 | 4.937090 | 4.796686 |
| #3 | 23.95574 | 4.567435 | 4.933360 | 4.924921 | 4.826124 | 4.974554 | 4.867449 |

Sample Name: CCV03      Acquired: 6/11/2025 17:27:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 4.752289 | 4.641308 | 4.901992 |
| Stddev | .035511  | .020987  | .025372  |
| %RSD   | .7472314 | .4521813 | .5175802 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.728198 | 4.652826 | 4.888251 |
| #2 | 4.735600 | 4.654015 | 4.931270 |
| #3 | 4.793070 | 4.617084 | 4.886454 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2891.635 | 69550.00 | 15285.52 | 2105.953 | 3883.821 |
| Stddev    | 32.991   | 537.25   | 71.09    | 36.449   | 26.036   |
| %RSD      | 1.140928 | .7724704 | .4650970 | 1.730770 | .6703758 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2867.371 | 70158.67 | 15281.19 | 2147.810 | 3871.607 |
| #2 | 2878.332 | 69349.51 | 15216.70 | 2081.213 | 3866.137 |
| #3 | 2929.201 | 69141.82 | 15358.68 | 2088.835 | 3913.719 |

Sample Name: CCB03      Acquired: 6/11/2025 17:34:17      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002837</b> | <b>-.000591</b> | <b>-.004032</b> | <b>-.001844</b> | <b>-.002248</b> | <b>.0370230</b> | <b>-.010062</b> |
| Stddev | .001458         | .001884         | .000444         | .002460         | .000641         | .0037601        | .001247         |
| %RSD   | 51.38251        | 318.7934        | 11.00329        | 133.3814        | 28.52642        | 10.15609        | 12.39047        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002958</b> | <b>-.000286</b> | <b>-.003704</b> | <b>.000253</b>  | <b>-.002536</b> | <b>.0410572</b> | <b>-.010462</b> |
| #2 | <b>-.004231</b> | <b>-.002609</b> | <b>-.004537</b> | <b>-.001235</b> | <b>-.002696</b> | <b>.0336160</b> | <b>-.008664</b> |
| #3 | <b>-.001323</b> | <b>.001122</b>  | <b>-.003856</b> | <b>-.004551</b> | <b>-.001514</b> | <b>.0363957</b> | <b>-.011060</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000132</b> | <b>-.001377</b> | <b>-.021494</b> | <b>-.000825</b> | <b>-.001573</b> | <b>.0003692</b> | <b>-.001864</b> |
| Stddev | .000060         | .000105         | .005801         | .000051         | .000126         | .0001777        | .001529         |
| %RSD   | 45.69448        | 7.654122        | 26.98751        | 6.160598        | 8.018102        | 48.13004        | 82.04202        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000067</b> | <b>-.001498</b> | <b>-.028181</b> | <b>-.000770</b> | <b>-.001715</b> | <b>.0002303</b> | <b>-.000628</b> |
| #2 | <b>-.000186</b> | <b>-.001323</b> | <b>-.018483</b> | <b>-.000835</b> | <b>-.001475</b> | <b>.0005694</b> | <b>-.001390</b> |
| #3 | <b>-.000142</b> | <b>-.001309</b> | <b>-.017818</b> | <b>-.000870</b> | <b>-.001529</b> | <b>.0003078</b> | <b>-.003574</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001636</b> | <b>-.036792</b> | <b>-.001028</b> | <b>-.000422</b> | <b>.0559166</b> | <b>-.001042</b> | <b>.0021920</b> |
| Stddev | .000191         | .005010         | .000286         | .000309         | .0145552        | .000258         | .0001894        |
| %RSD   | 11.70264        | 13.61827        | 27.83417        | 73.23451        | 26.03011        | 24.77824        | 8.642003        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001847</b> | <b>-.038376</b> | <b>-.000737</b> | <b>-.000394</b> | <b>.0484974</b> | <b>-.001265</b> | <b>.0021282</b> |
| #2 | <b>-.001586</b> | <b>-.031181</b> | <b>-.001308</b> | <b>-.000745</b> | <b>.0465660</b> | <b>-.001102</b> | <b>.0024051</b> |
| #3 | <b>-.001475</b> | <b>-.040820</b> | <b>-.001038</b> | <b>-.000128</b> | <b>.0726864</b> | <b>-.000759</b> | <b>.0020427</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0265278</b> | <b>.0012619</b> | <b>-.002537</b> | <b>-.004269</b> | <b>-.002264</b> | <b>-.004509</b> | <b>-.000562</b> |
| Stddev | .0221991        | .0005782        | .000115         | .000539         | .000253         | .002077         | .001456         |
| %RSD   | 83.68245        | 45.81921        | 4.539564        | 12.62352        | 11.19416        | 46.07269        | 259.2311        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0320151</b> | <b>.0018603</b> | <b>-.002640</b> | <b>-.003664</b> | <b>-.002348</b> | <b>-.003782</b> | <b>.000669</b>  |
| #2 | <b>.0454686</b> | <b>.0007063</b> | <b>-.002558</b> | <b>-.004449</b> | <b>-.001979</b> | <b>-.006852</b> | <b>-.002168</b> |
| #3 | <b>.0020996</b> | <b>.0012190</b> | <b>-.002413</b> | <b>-.004696</b> | <b>-.002465</b> | <b>-.002893</b> | <b>-.000186</b> |

Sample Name: CCB03      Acquired: 6/11/2025 17:34:17      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0006464 | .0000362 | -.002855 |
| Stddev | .0004101 | .0017292 | .000050  |
| %RSD   | 63.44074 | 4778.992 | 1.751113 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002317 | -.001397 | -.002798 |
| #2 | .0006559 | .001957  | -.002891 |
| #3 | .0010517 | -.000452 | -.002875 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3065.552 | 72225.44 | 14859.09 | 2201.466 | 4500.125 |
| Stddev    | 4.922    | 410.78   | 93.95    | 8.778    | 4.579    |
| %RSD      | .1605499 | .5687528 | .6322570 | .3987359 | .1017447 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3070.990 | 72686.32 | 14964.25 | 2202.052 | 4505.351 |
| #2 | 3064.265 | 71897.86 | 14783.42 | 2192.410 | 4496.818 |
| #3 | 3061.402 | 72092.13 | 14829.62 | 2209.936 | 4498.205 |

Sample Name: Q2274-04      Acquired: 6/11/2025 17:38:37      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.008775</b> | <b>-.009295</b> | <b>-.000554</b> | <b>.0039371</b> | <b>-.002363</b> | <b>.4698553</b> | <b>.5617941</b> |
| Stddev | .003996         | .001014         | .001707         | .0022716        | .000611         | .0045949        | .0016115        |
| %RSD   | 45.54209        | 10.91369        | 307.8834        | 57.69674        | 25.85964        | .9779400        | .2868505        |
| #1     | <b>-.005963</b> | <b>-.008246</b> | <b>.001208</b>  | <b>.0013240</b> | <b>-.001703</b> | <b>.4716956</b> | <b>.5635486</b> |
| #2     | <b>-.007011</b> | <b>-.009368</b> | <b>-.000672</b> | <b>.0054407</b> | <b>-.002908</b> | <b>.4646255</b> | <b>.5603800</b> |
| #3     | <b>-.013349</b> | <b>-.010271</b> | <b>-.002199</b> | <b>.0050466</b> | <b>-.002479</b> | <b>.4732448</b> | <b>.5614538</b> |
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000072</b> | <b>-.001264</b> | <b>3.648522</b> | <b>-.001215</b> | <b>.0244484</b> | <b>.0122903</b> | <b>.0142775</b> |
| Stddev | .000035         | .000075         | .007782         | .000136         | .0001089        | .0005045        | .0023868        |
| %RSD   | 47.82450        | 5.923133        | .2132855        | 11.21078        | .4454356        | 4.105263        | 16.71717        |
| #1     | <b>-.000097</b> | <b>-.001350</b> | <b>3.639549</b> | <b>-.001067</b> | <b>.0243919</b> | <b>.0121866</b> | <b>.0170206</b> |
| #2     | <b>-.000033</b> | <b>-.001230</b> | <b>3.652610</b> | <b>-.001245</b> | <b>.0243794</b> | <b>.0118456</b> | <b>.0131364</b> |
| #3     | <b>-.000087</b> | <b>-.001212</b> | <b>3.653408</b> | <b>-.001334</b> | <b>.0245740</b> | <b>.0128386</b> | <b>.0126754</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6806934</b> | <b>3.456376</b> | <b>.0028700</b> | <b>-.000956</b> | <b>468.9695</b> | <b>-.001877</b> | <b>.1650850</b> |
| Stddev | .0030736        | .011257         | .0007506        | .000073         | 1.9707          | .000725         | .0030869        |
| %RSD   | .4515388        | .3256843        | 26.15423        | 7.645789        | .4202096        | 38.59720        | 1.869876        |
| #1     | <b>.6826995</b> | <b>3.459046</b> | <b>.0020467</b> | <b>-.000941</b> | <b>470.4805</b> | <b>-.001375</b> | <b>.1629708</b> |
| #2     | <b>.6771549</b> | <b>3.444024</b> | <b>.0035164</b> | <b>-.000892</b> | <b>469.6874</b> | <b>-.002708</b> | <b>.1686274</b> |
| #3     | <b>.6822258</b> | <b>3.466057</b> | <b>.0030467</b> | <b>-.001036</b> | <b>466.7405</b> | <b>-.001549</b> | <b>.1636569</b> |
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.915754</b> | <b>.0777070</b> | <b>-.002677</b> | <b>-.005214</b> | <b>-.002467</b> | <b>.8335913</b> | <b>.0184005</b> |
| Stddev | .011073         | .0012008        | .000070         | .000660         | .000271         | .0071598        | .0010894        |
| %RSD   | .5780108        | 1.545296        | 2.612419        | 12.66781        | 10.97758        | .8589140        | 5.920438        |
| #1     | <b>1.911247</b> | <b>.0769105</b> | <b>-.002666</b> | <b>-.005090</b> | <b>-.002287</b> | <b>.8301719</b> | <b>.0186143</b> |
| #2     | <b>1.928370</b> | <b>.0790882</b> | <b>-.002613</b> | <b>-.004624</b> | <b>-.002779</b> | <b>.8287823</b> | <b>.0172200</b> |
| #3     | <b>1.907645</b> | <b>.0771224</b> | <b>-.002752</b> | <b>-.005928</b> | <b>-.002336</b> | <b>.8418197</b> | <b>.0193671</b> |

Sample Name: Q2274-04      Acquired: 6/11/2025 17:38:37      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>1.422596</b> | <b>.0003698</b> | <b>.0282026</b> |
| Stddev | .007165         | .0008565        | .0001053        |
| %RSD   | .5036602        | 231.6431        | .3733135        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.415271</b> | <b>-.000095</b> | <b>.0283210</b> |
| #2 | <b>1.422929</b> | <b>.001358</b>  | <b>.0281193</b> |
| #3 | <b>1.429589</b> | <b>-.000154</b> | <b>.0281676</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2763.865</b> | <b>66078.70</b> | <b>15546.94</b> | <b>2015.390</b> | <b>3555.367</b> |
| Stddev    | 35.002          | 140.79          | 71.74           | 11.926          | 32.444          |
| %RSD      | 1.266417        | .2130604        | .4614470        | .5917537        | .9125439        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2752.726</b> | <b>65917.63</b> | <b>15474.23</b> | <b>2001.619</b> | <b>3548.842</b> |
| #2 | <b>2803.081</b> | <b>66178.31</b> | <b>15617.67</b> | <b>2022.337</b> | <b>3590.578</b> |
| #3 | <b>2735.789</b> | <b>66140.15</b> | <b>15548.90</b> | <b>2022.213</b> | <b>3526.681</b> |

Sample Name: Q2278-04      Acquired: 6/11/2025 17:43:01      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.007597</b> | <b>-.009283</b> | <b>.0864219</b> | <b>.0016997</b> | <b>-.003291</b> | <b>.2199632</b> | <b>.2177153</b> |
| Stddev | .002383         | .002640         | .0010414        | .0018896        | .000330         | .0057156        | .0018241        |
| %RSD   | 31.37025        | 28.43922        | 1.205053        | 111.1709        | 10.03713        | 2.598424        | .8378135        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005205</b> | <b>-.008041</b> | <b>.0871149</b> | <b>-.000218</b> | <b>-.003672</b> | <b>.2171085</b> | <b>.2189139</b> |
| #2 | <b>-.009971</b> | <b>-.012315</b> | <b>.0852243</b> | <b>.001758</b>  | <b>-.003085</b> | <b>.2265438</b> | <b>.2186160</b> |
| #3 | <b>-.007614</b> | <b>-.007493</b> | <b>.0869265</b> | <b>.003560</b>  | <b>-.003116</b> | <b>.2162374</b> | <b>.2156161</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000268</b> | <b>.0001855</b> | <b>37.27297</b> | <b>.0054539</b> | <b>.0033927</b> | <b>.0177271</b> | <b>.0753632</b> |
| Stddev | .000033         | .0001133        | .57958          | .0003048        | .0002958        | .0004781        | .0053890        |
| %RSD   | 12.25974        | 61.07042        | 1.554957        | 5.588666        | 8.718551        | 2.697277        | 7.150696        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000300</b> | <b>.0003104</b> | <b>36.82778</b> | <b>.0051023</b> | <b>.0030733</b> | <b>.0174685</b> | <b>.0739354</b> |
| #2 | <b>-.000268</b> | <b>.0001568</b> | <b>37.06282</b> | <b>.0056151</b> | <b>.0036572</b> | <b>.0182789</b> | <b>.0708318</b> |
| #3 | <b>-.000234</b> | <b>.0000893</b> | <b>37.92831</b> | <b>.0056442</b> | <b>.0034476</b> | <b>.0174339</b> | <b>.0813222</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9719289</b> | <b>1.719309</b> | <b>.0178483</b> | <b>-.000780</b> | <b>464.1082</b> | <b>-.001574</b> | <b>.3646216</b> |
| Stddev | .0100798        | .047874         | .0002733        | .000172         | 1.1975          | .000747         | .0011851        |
| %RSD   | 1.037095        | 2.784519        | 1.531049        | 22.01333        | .2580199        | 47.48365        | .3250307        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.9633536</b> | <b>1.686714</b> | <b>.0181636</b> | <b>-.000965</b> | <b>465.4065</b> | <b>-.000995</b> | <b>.3648118</b> |
| #2 | <b>.9694010</b> | <b>1.696940</b> | <b>.0177017</b> | <b>-.000625</b> | <b>463.8711</b> | <b>-.001308</b> | <b>.3657002</b> |
| #3 | <b>.9830321</b> | <b>1.774274</b> | <b>.0176796</b> | <b>-.000749</b> | <b>463.0470</b> | <b>-.002417</b> | <b>.3633529</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.451762</b> | <b>.0477621</b> | <b>-.002654</b> | <b>-.006053</b> | <b>-.003252</b> | <b>2.407413</b> | <b>.0244836</b> |
| Stddev | .052484         | .0007565        | .000210         | .000599         | .000228         | .015871         | .0013371        |
| %RSD   | 2.140665        | 1.583909        | 7.903133        | 9.894515        | 6.998085        | .6592544        | 5.461154        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.501834</b> | <b>.0470030</b> | <b>-.002891</b> | <b>-.006320</b> | <b>-.003126</b> | <b>2.389642</b> | <b>.0235070</b> |
| #2 | <b>2.456291</b> | <b>.0477674</b> | <b>-.002579</b> | <b>-.006472</b> | <b>-.003514</b> | <b>2.412418</b> | <b>.0239362</b> |
| #3 | <b>2.397160</b> | <b>.0485160</b> | <b>-.002492</b> | <b>-.005367</b> | <b>-.003115</b> | <b>2.420177</b> | <b>.0260075</b> |

Sample Name: Q2278-04      Acquired: 6/11/2025 17:43:01      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>1.114547</b> | <b>.0085315</b> | <b>.1278518</b> |
| Stddev | .007027         | .0015807        | .0013732        |
| %RSD   | .6304793        | 18.52837        | 1.074032        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.116458 | .0075382 | .1280063 |
| #2 | 1.106762 | .0103543 | .1291411 |
| #3 | 1.120420 | .0077019 | .1264079 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2657.199</b> | <b>61669.52</b> | <b>14958.93</b> | <b>1887.177</b> | <b>3535.940</b> |
| Stddev    | 42.875          | 137.39          | 46.42           | 2.465           | 37.821          |
| %RSD      | 1.613536        | .2227873        | .3103205        | .1306061        | 1.069621        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2706.538 | 61531.85 | 14954.97 | 1888.391 | 3578.920 |
| #2 | 2628.991 | 61670.07 | 14914.62 | 1884.341 | 3521.155 |
| #3 | 2636.069 | 61806.63 | 15007.21 | 1888.799 | 3507.744 |

Sample Name: Q2280-02      Acquired: 6/11/2025 17:47:25      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.009509</b> | <b>-.012076</b> | <b>.0003487</b> | <b>.0043150</b> | <b>-.000081</b> | <b>.0684992</b> | <b>.5866904</b> |
| Stddev | .001931         | .001928         | .0023090        | .0040878        | .000921         | .0018395        | .0012740        |
| %RSD   | 20.30831        | 15.96534        | 662.2078        | 94.73427        | 1143.066        | 2.685444        | .2171434        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007356</b> | <b>-.009854</b> | <b>.0008372</b> | <b>.0016384</b> | <b>-.000993</b> | <b>.0682057</b> | <b>.5880563</b> |
| #2 | <b>-.011089</b> | <b>-.013064</b> | <b>-.002165</b> | <b>.0090203</b> | <b>.000849</b>  | <b>.0704679</b> | <b>.5864807</b> |
| #3 | <b>-.010080</b> | <b>-.013310</b> | <b>.002374</b>  | <b>.0022862</b> | <b>-.000097</b> | <b>.0668242</b> | <b>.5855344</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000380</b> | <b>.0011818</b> | <b>226.1635</b> | <b>.0001849</b> | <b>-.002185</b> | <b>.0353418</b> | <b>.0017257</b> |
| Stddev | .000058         | .0000759        | .7860           | .0003235        | .000088         | .0004290        | .0001609        |
| %RSD   | 15.29529        | 6.420280        | .3475188        | 174.9637        | 4.011829        | 1.213814        | 9.325424        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000330</b> | <b>.0011183</b> | <b>226.4680</b> | <b>-.000160</b> | <b>-.002279</b> | <b>.0352839</b> | <b>.0017907</b> |
| #2 | <b>-.000444</b> | <b>.0012658</b> | <b>225.2708</b> | <b>.000482</b>  | <b>-.002105</b> | <b>.0349447</b> | <b>.0015424</b> |
| #3 | <b>-.000367</b> | <b>.0011613</b> | <b>226.7516</b> | <b>.000232</b>  | <b>-.002172</b> | <b>.0357968</b> | <b>.0018439</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.197503</b> | <b>6.958209</b> | <b>.0039322</b> | <b>-.001090</b> | <b>446.2592</b> | <b>-.001353</b> | <b>.0923383</b> |
| Stddev | .006712         | .022432         | .0003430        | .000242         | 3.4209          | .000636         | .0003082        |
| %RSD   | .3054298        | .3223753        | 8.723109        | 22.21553        | .7665683        | 47.03847        | .3338267        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.203173</b> | <b>6.934273</b> | <b>.0036824</b> | <b>-.001158</b> | <b>450.1288</b> | <b>-.001692</b> | <b>.0922764</b> |
| #2 | <b>2.190092</b> | <b>6.961603</b> | <b>.0037909</b> | <b>-.001291</b> | <b>445.0114</b> | <b>-.000619</b> | <b>.0920658</b> |
| #3 | <b>2.199245</b> | <b>6.978749</b> | <b>.0043233</b> | <b>-.000821</b> | <b>443.6373</b> | <b>-.001747</b> | <b>.0926729</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.392402</b> | <b>.0336897</b> | <b>-.002614</b> | <b>-.004684</b> | <b>-.009306</b> | <b>1.597325</b> | <b>.0190463</b> |
| Stddev | .032907         | .0000562        | .000239         | .000471         | .000911         | .011830         | .0020151        |
| %RSD   | .7491907        | .1666982        | 9.124040        | 10.05972        | 9.792627        | .7406067        | 10.58003        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.411664</b> | <b>.0337461</b> | <b>-.002842</b> | <b>-.004277</b> | <b>-.009548</b> | <b>1.610936</b> | <b>.0204349</b> |
| #2 | <b>4.411138</b> | <b>.0336338</b> | <b>-.002366</b> | <b>-.005200</b> | <b>-.010072</b> | <b>1.591525</b> | <b>.0167351</b> |
| #3 | <b>4.354405</b> | <b>.0336891</b> | <b>-.002634</b> | <b>-.004576</b> | <b>-.008298</b> | <b>1.589515</b> | <b>.0199689</b> |

Sample Name: Q2280-02      Acquired: 6/11/2025 17:47:25      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7735026</b> | <b>.0545813</b> | <b>.4639359</b> |
| Stddev | .0067835        | .0021100        | .0006827        |
| %RSD   | .8769898        | 3.865865        | .1471494        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.7813292</b> | <b>.0529041</b> | <b>.4646890</b> |
| #2 | <b>.7698605</b> | <b>.0569505</b> | <b>.4637610</b> |
| #3 | <b>.7693179</b> | <b>.0538894</b> | <b>.4633577</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2536.343</b> | <b>60221.27</b> | <b>14032.83</b> | <b>1809.611</b> | <b>3363.372</b> |
| Stddev    | 11.163          | 34.92           | 38.37           | 3.065           | 12.953          |
| %RSD      | .4401215        | .0579853        | .2734422        | .1693939        | .3851330        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2548.352 | 60212.26 | 14018.39 | 1807.844 | 3372.720 |
| #2 | 2534.393 | 60191.74 | 14076.33 | 1813.151 | 3368.810 |
| #3 | 2526.283 | 60259.81 | 14003.78 | 1807.838 | 3348.586 |

Sample Name: Q2280-04      Acquired: 6/11/2025 17:51:50      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.008665</b> | <b>-.012133</b> | <b>.0062737</b> | <b>.0058273</b> | <b>-.002267</b> | <b>.1125379</b> | <b>.9257139</b> |
| Stddev | .002399         | .001929         | .0006151        | .0034140        | .002428         | .0087984        | .0032929        |
| %RSD   | 27.68565        | 15.89619        | 9.805084        | 58.58632        | 107.1332        | 7.818169        | .3557142        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007725</b> | <b>-.014314</b> | <b>.0069507</b> | <b>.0021317</b> | <b>-.005055</b> | <b>.1028029</b> | <b>.9223229</b> |
| #2 | <b>-.006878</b> | <b>-.010653</b> | <b>.0057491</b> | <b>.0088635</b> | <b>-.001132</b> | <b>.1199221</b> | <b>.9259198</b> |
| #3 | <b>-.011391</b> | <b>-.011432</b> | <b>.0061212</b> | <b>.0064867</b> | <b>-.000614</b> | <b>.1148887</b> | <b>.9288990</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000111</b> | <b>.0009350</b> | <b>103.9834</b> | <b>-.000347</b> | <b>-.001468</b> | <b>.0191900</b> | <b>.0079015</b> |
| Stddev | .000072         | .0000332        | .3308           | .000365         | .000134         | .0004991        | .0013879        |
| %RSD   | 65.24236        | 3.546625        | .3180956        | 105.2514        | 9.145142        | 2.601004        | 17.56500        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000133</b> | <b>.0009733</b> | <b>103.6048</b> | <b>-.000062</b> | <b>-.001567</b> | <b>.0186158</b> | <b>.0084005</b> |
| #2 | <b>-.000030</b> | <b>.0009162</b> | <b>104.1287</b> | <b>-.000759</b> | <b>-.001522</b> | <b>.0194337</b> | <b>.0089710</b> |
| #3 | <b>-.000169</b> | <b>.0009155</b> | <b>104.2166</b> | <b>-.000220</b> | <b>-.001315</b> | <b>.0195205</b> | <b>.0063331</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.477698</b> | <b>6.730367</b> | <b>.0043130</b> | <b>-.001086</b> | <b>519.5956</b> | <b>-.001735</b> | <b>.4499365</b> |
| Stddev | .008244         | .017272         | .0001452        | .000147         | 2.0525          | .001137         | .0014424        |
| %RSD   | .5578661        | .2566302        | 3.366326        | 13.58140        | .3950157        | 65.53801        | .3205683        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.468391</b> | <b>6.728106</b> | <b>.0041534</b> | <b>-.000983</b> | <b>518.1757</b> | <b>-.002584</b> | <b>.4488117</b> |
| #2 | <b>1.480621</b> | <b>6.714337</b> | <b>.0044372</b> | <b>-.001255</b> | <b>518.6621</b> | <b>-.000443</b> | <b>.4494352</b> |
| #3 | <b>1.484081</b> | <b>6.748659</b> | <b>.0043484</b> | <b>-.001019</b> | <b>521.9489</b> | <b>-.002179</b> | <b>.4515627</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.502409</b> | <b>.0975357</b> | <b>-.002644</b> | <b>-.007511</b> | <b>-.005686</b> | <b>1.716732</b> | <b>.0332448</b> |
| Stddev | .025190         | .0006978        | .000349         | .000201         | .000330         | .005756         | .0017464        |
| %RSD   | .7192241        | .7153957        | 13.21692        | 2.672038        | 5.805467        | .3352875        | 5.253210        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.473763</b> | <b>.0974122</b> | <b>-.002870</b> | <b>-.007735</b> | <b>-.005702</b> | <b>1.711822</b> | <b>.0352524</b> |
| #2 | <b>3.512362</b> | <b>.0969079</b> | <b>-.002822</b> | <b>-.007348</b> | <b>-.006007</b> | <b>1.715306</b> | <b>.0320765</b> |
| #3 | <b>3.521102</b> | <b>.0982870</b> | <b>-.002242</b> | <b>-.007450</b> | <b>-.005348</b> | <b>1.723066</b> | <b>.0324054</b> |

Sample Name: Q2280-04      Acquired: 6/11/2025 17:51:50      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .7517671 | .0235205 | .3376555 |
| Stddev | .0052706 | .0006816 | .0010631 |
| %RSD   | .7010956 | 2.897869 | .3148591 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7490446 | .0233131 | .3368751 |
| #2 | .7484144 | .0229667 | .3372251 |
| #3 | .7578421 | .0242817 | .3388664 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2580.474 | 60843.42 | 14963.21 | 1840.245 | 3420.452 |
| Stddev    | 15.043   | 33.77    | 11.54    | 5.147    | 21.713   |
| %RSD      | .5829651 | .0554971 | .0771237 | .2797048 | .6348032 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2574.126 | 60823.63 | 14975.93 | 1838.785 | 3416.289 |
| #2 | 2597.651 | 60824.22 | 14953.42 | 1845.964 | 3443.945 |
| #3 | 2569.646 | 60882.41 | 14960.28 | 1835.985 | 3401.122 |

Sample Name: Q2285-05      Acquired: 6/11/2025 17:56:13      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.007898</b> | <b>-.008852</b> | <b>-.001551</b> | <b>.0040328</b> | <b>-.002800</b> | <b>.4527653</b> | <b>.0763239</b> |
| Stddev | .001769         | .002228         | .001560         | .0026212        | .001547         | .0038641        | .0027845        |
| %RSD   | 22.39183        | 25.17385        | 100.6091        | 64.99803        | 55.27033        | .8534506        | 3.648307        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005993 | -.009634 | .000222  | .0027226 | -.004586 | .4545019 | .0744082 |
| #2 | -.009488 | -.010584 | -.002161 | .0023249 | -.001948 | .4554565 | .0795181 |
| #3 | -.008213 | -.006338 | -.002713 | .0070508 | -.001866 | .4483376 | .0750455 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000263</b> | <b>-.001327</b> | <b>68.18768</b> | <b>.0003575</b> | <b>-.001517</b> | <b>.0069879</b> | <b>.1662940</b> |
| Stddev | .000047         | .000109         | 2.00369         | .0000440        | .000163         | .0003339        | .0019353        |
| %RSD   | 17.89373        | 8.195186        | 2.938493        | 12.30756        | 10.71908        | 4.778009        | 1.163779        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000215 | -.001262 | 66.90519 | .0003402 | -.001619 | .0070765 | .1685161 |
| #2 | -.000309 | -.001266 | 70.49661 | .0004076 | -.001602 | .0066187 | .1653878 |
| #3 | -.000264 | -.001452 | 67.16123 | .0003248 | -.001329 | .0072686 | .1649780 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0683651</b> | <b>.8004881</b> | <b>.0002311</b> | <b>-.000781</b> | <b>436.3079</b> | <b>-.000668</b> | <b>.2646651</b> |
| Stddev | .0015590        | .0439005        | .0001129        | .000280         | 1.0889          | .001269         | .0008240        |
| %RSD   | 2.280362        | 5.484217        | 48.86181        | 35.88313        | .2495655        | 190.0556        | .3113507        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0674348 | .7776444 | .0002785 | -.000945 | 435.9016 | -.001968 | .2651590 |
| #2 | .0701649 | .8511003 | .0003127 | -.000457 | 435.4806 | -.000602 | .2651225 |
| #3 | .0674956 | .7727197 | .0001022 | -.000940 | 437.5415 | .000567  | .2637138 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3969336</b> | <b>.0184989</b> | <b>-.002464</b> | <b>-.006924</b> | <b>-.000579</b> | <b>4.390280</b> | <b>.0244836</b> |
| Stddev | .0149788        | .0002597        | .000298         | .000696         | .000483         | .023915         | .0009769        |
| %RSD   | 3.773621        | 1.403716        | 12.10255        | 10.04563        | 83.50077        | .5447188        | 3.990070        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4117987 | .0185689 | -.002217 | -.007728 | -.000223 | 4.387368 | .0248891 |
| #2 | .3971583 | .0187164 | -.002795 | -.006528 | -.001129 | 4.415517 | .0233692 |
| #3 | .3818437 | .0182114 | -.002379 | -.006518 | -.000384 | 4.367954 | .0251924 |

Sample Name: Q2285-05      Acquired: 6/11/2025 17:56:13      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>2.157064</b> | <b>.0108167</b> | <b>.4552086</b> |
| Stddev | .017758         | .0027674        | .0037522        |
| %RSD   | .8232689        | 25.58437        | .8242790        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.176368</b> | <b>.0138971</b> | <b>.4560685</b> |
| #2 | <b>2.141422</b> | <b>.0085405</b> | <b>.4511011</b> |
| #3 | <b>2.153403</b> | <b>.0100126</b> | <b>.4584562</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2643.124</b> | <b>61663.10</b> | <b>14751.14</b> | <b>1875.580</b> | <b>3524.147</b> |
| Stddev    | 59.446          | 65.87           | 216.74          | 9.024           | 47.912          |
| %RSD      | 2.249090        | .1068153        | 1.469307        | .4811348        | 1.359546        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2710.935</b> | <b>61665.07</b> | <b>14910.98</b> | <b>1883.105</b> | <b>3578.357</b> |
| #2 | <b>2618.439</b> | <b>61596.27</b> | <b>14504.44</b> | <b>1865.575</b> | <b>3506.613</b> |
| #3 | <b>2599.996</b> | <b>61727.95</b> | <b>14838.00</b> | <b>1878.059</b> | <b>3487.472</b> |

Sample Name: Q2267-01      Acquired: 6/11/2025 18:00:37      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.007532</b> | <b>-.008722</b> | <b>-.002693</b> | <b>.0023821</b> | <b>-.003700</b> | <b>.0137650</b> | <b>-.001373</b> |
| Stddev | .001719         | .000640         | .000536         | .0014055        | .000312         | .0021984        | .000649         |
| %RSD   | 22.81718        | 7.335042        | 19.90343        | 59.00348        | 8.431620        | 15.97116        | 47.24677        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005752</b> | <b>-.008622</b> | <b>-.003305</b> | <b>.0036731</b> | <b>-.004011</b> | <b>.0162719</b> | <b>-.000690</b> |
| #2 | <b>-.007662</b> | <b>-.009406</b> | <b>-.002465</b> | <b>.0025884</b> | <b>-.003387</b> | <b>.0128577</b> | <b>-.001448</b> |
| #3 | <b>-.009182</b> | <b>-.008138</b> | <b>-.002308</b> | <b>.0008848</b> | <b>-.003702</b> | <b>.0121655</b> | <b>-.001981</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000388</b> | <b>-.001455</b> | <b>8.148749</b> | <b>-.000902</b> | <b>-.001700</b> | <b>.0024909</b> | <b>.6986086</b> |
| Stddev | .000006         | .000067         | .058303         | .000581         | .000108         | .0001337        | .0035186        |
| %RSD   | 1.603506        | 4.592030        | .7154799        | 64.44676        | 6.349473        | 5.367073        | .5036619        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000381</b> | <b>-.001512</b> | <b>8.211114</b> | <b>-.000560</b> | <b>-.001640</b> | <b>.0026198</b> | <b>.6999164</b> |
| #2 | <b>-.000393</b> | <b>-.001471</b> | <b>8.095608</b> | <b>-.001573</b> | <b>-.001825</b> | <b>.0025001</b> | <b>.7012860</b> |
| #3 | <b>-.000391</b> | <b>-.001381</b> | <b>8.139525</b> | <b>-.000573</b> | <b>-.001636</b> | <b>.0023529</b> | <b>.6946233</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1264861</b> | <b>1.104472</b> | <b>.0003158</b> | <b>-.000621</b> | <b>63.96023</b> | <b>-.001245</b> | <b>.0262184</b> |
| Stddev | .0012126        | .014802         | .0004328        | .000089         | .44084          | .001242         | .0001038        |
| %RSD   | .9586719        | 1.340186        | 137.0303        | 14.29902        | .6892371        | 99.75025        | .3958576        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1277911</b> | <b>1.118096</b> | <b>.0001183</b> | <b>-.000546</b> | <b>63.64852</b> | <b>-.002475</b> | <b>.0263009</b> |
| #2 | <b>.1253942</b> | <b>1.106597</b> | <b>.0000170</b> | <b>-.000597</b> | <b>64.46461</b> | <b>-.001268</b> | <b>.0261019</b> |
| #3 | <b>.1262731</b> | <b>1.088722</b> | <b>.0008121</b> | <b>-.000719</b> | <b>63.76758</b> | <b>.000008</b>  | <b>.0262526</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.390382</b> | <b>.0253914</b> | <b>-.002516</b> | <b>-.006385</b> | <b>-.002189</b> | <b>1.343185</b> | <b>2.348211</b> |
| Stddev | .011261         | .0004897        | .000183         | .000729         | .000098         | .002064         | .027859         |
| %RSD   | .8098926        | 1.928690        | 7.267428        | 11.42546        | 4.471917        | .1536772        | 1.186391        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.392140</b> | <b>.0254636</b> | <b>-.002482</b> | <b>-.006028</b> | <b>-.002122</b> | <b>1.342842</b> | <b>2.353628</b> |
| #2 | <b>1.400660</b> | <b>.0258409</b> | <b>-.002714</b> | <b>-.005902</b> | <b>-.002301</b> | <b>1.345399</b> | <b>2.318041</b> |
| #3 | <b>1.378346</b> | <b>.0248695</b> | <b>-.002353</b> | <b>-.007224</b> | <b>-.002143</b> | <b>1.341314</b> | <b>2.372964</b> |

Sample Name: Q2267-01      Acquired: 6/11/2025 18:00:37      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 2.633390 | -.000850 | .0641121 |
| Stddev | .028417  | .000108  | .0000805 |
| %RSD   | 1.079103 | 12.72463 | .1254885 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.617954 | -.000763 | .0640975 |
| #2 | 2.616033 | -.000971 | .0640399 |
| #3 | 2.666185 | -.000815 | .0641988 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2798.973 | 67198.85 | 15675.97 | 2007.664 | 3993.022 |
| Stddev    | 31.287   | 125.42   | 70.02    | 4.105    | 26.716   |
| %RSD      | 1.117808 | .1866436 | .4466717 | .2044547 | .6690586 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2778.345 | 67199.66 | 15608.75 | 2003.852 | 3974.184 |
| #2 | 2783.601 | 67073.03 | 15748.49 | 2007.132 | 3981.285 |
| #3 | 2834.972 | 67323.87 | 15670.65 | 2012.009 | 4023.597 |

Sample Name: Q2267-01DUP      Acquired: 6/11/2025 18:04:53      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.007297</b> | <b>-.008335</b> | <b>-.001478</b> | <b>.0009518</b> | <b>-.003118</b> | <b>.0709321</b> | <b>.0030709</b> |
| Stddev | .001054         | .000186         | .000267         | .0003517        | .000679         | .0016660        | .0012643        |
| %RSD   | 14.43964        | 2.234447        | 18.05380        | 36.94353        | 21.78463        | 2.348724        | 41.17140        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006417</b> | <b>-.008152</b> | <b>-.001549</b> | <b>.0006358</b> | <b>-.002898</b> | <b>.0728346</b> | <b>.0016110</b> |
| #2 | <b>-.008465</b> | <b>-.008328</b> | <b>-.001183</b> | <b>.0008891</b> | <b>-.003881</b> | <b>.0697340</b> | <b>.0038111</b> |
| #3 | <b>-.007008</b> | <b>-.008525</b> | <b>-.001703</b> | <b>.0013306</b> | <b>-.002577</b> | <b>.0702278</b> | <b>.0037904</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000374</b> | <b>-.001368</b> | <b>10.36600</b> | <b>-.000755</b> | <b>-.001503</b> | <b>.0038463</b> | <b>.9460290</b> |
| Stddev | .000013         | .000020         | .05721          | .000361         | .000215         | .0002580        | .0066775        |
| %RSD   | 3.361721        | 1.449490        | .5519373        | 47.82928        | 14.32891        | 6.706681        | .7058483        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000378</b> | <b>-.001378</b> | <b>10.32734</b> | <b>-.001154</b> | <b>-.001449</b> | <b>.0041223</b> | <b>.9383242</b> |
| #2 | <b>-.000360</b> | <b>-.001381</b> | <b>10.33892</b> | <b>-.000663</b> | <b>-.001741</b> | <b>.0038055</b> | <b>.9501399</b> |
| #3 | <b>-.000384</b> | <b>-.001345</b> | <b>10.43172</b> | <b>-.000449</b> | <b>-.001320</b> | <b>.0036112</b> | <b>.9496228</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1653639</b> | <b>1.421686</b> | <b>.0006462</b> | <b>-.000529</b> | <b>79.76892</b> | <b>-.001099</b> | <b>.0330646</b> |
| Stddev | .0004186        | .032572         | .0004668        | .000017         | .23222          | .000818         | .0003973        |
| %RSD   | .2531255        | 2.291115        | 72.24064        | 3.254386        | .2911102        | 74.43792        | 1.201635        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1649432</b> | <b>1.396288</b> | <b>.0007768</b> | <b>-.000514</b> | <b>79.55592</b> | <b>-.000380</b> | <b>.0326893</b> |
| #2 | <b>.1653683</b> | <b>1.410360</b> | <b>.0001280</b> | <b>-.000526</b> | <b>80.01648</b> | <b>-.000929</b> | <b>.0330237</b> |
| #3 | <b>.1657803</b> | <b>1.458409</b> | <b>.0010338</b> | <b>-.000548</b> | <b>79.73438</b> | <b>-.001989</b> | <b>.0334808</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.761402</b> | <b>.0338567</b> | <b>-.002561</b> | <b>-.006068</b> | <b>-.001331</b> | <b>1.668460</b> | <b>2.941526</b> |
| Stddev | .016756         | .0006511        | .000250         | .000232         | .000491         | .012765         | .021613         |
| %RSD   | .9512881        | 1.923071        | 9.773659        | 3.819227        | 36.87984        | .7650639        | .7347594        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.744351</b> | <b>.0337992</b> | <b>-.002841</b> | <b>-.006201</b> | <b>-.001896</b> | <b>1.658932</b> | <b>2.919094</b> |
| #2 | <b>1.762009</b> | <b>.0332363</b> | <b>-.002359</b> | <b>-.005800</b> | <b>-.001017</b> | <b>1.663484</b> | <b>2.943271</b> |
| #3 | <b>1.777846</b> | <b>.0345347</b> | <b>-.002484</b> | <b>-.006203</b> | <b>-.001079</b> | <b>1.682963</b> | <b>2.962215</b> |

Sample Name: Q2267-01DUP      Acquired: 6/11/2025 18:04:53      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>3.299978</b> | <b>.0004982</b> | <b>.0819095</b> |
| Stddev | .028060         | .0005755        | .0001363        |
| %RSD   | .8502966        | 115.5269        | .1664208        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.275584</b> | <b>.0007503</b> | <b>.0820517</b> |
| #2 | <b>3.293708</b> | <b>-.000160</b> | <b>.0817800</b> |
| #3 | <b>3.330642</b> | <b>.000905</b>  | <b>.0818969</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2804.900</b> | <b>66675.19</b> | <b>15333.90</b> | <b>1999.889</b> | <b>3985.470</b> |
| Stddev    | 19.589          | 172.37          | 34.89           | 3.864           | 12.186          |
| %RSD      | .6983868        | .2585159        | .2275605        | .1931900        | .3057628        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2783.007</b> | <b>66848.44</b> | <b>15319.63</b> | <b>1996.265</b> | <b>3972.139</b> |
| #2 | <b>2810.923</b> | <b>66673.42</b> | <b>15373.67</b> | <b>2003.954</b> | <b>3988.234</b> |
| #3 | <b>2820.770</b> | <b>66503.72</b> | <b>15308.41</b> | <b>1999.449</b> | <b>3996.037</b> |

Sample Name: Q2267-01LX5      Acquired: 6/11/2025 18:09:09      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003990</b> | <b>-.005638</b> | <b>-.003815</b> | <b>.0008336</b> | <b>-.002868</b> | <b>-.001938</b> | <b>-.010189</b> |
| Stddev | .001915         | .001814         | .000267         | .0028778        | .000419         | .003606         | .000167         |
| %RSD   | 48.00080        | 32.17925        | 6.991133        | 345.2133        | 14.60718        | 186.0679        | 1.643246        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002183</b> | <b>-.003813</b> | <b>-.003674</b> | <b>.0039957</b> | <b>-.002404</b> | <b>-.005644</b> | <b>-.010245</b> |
| #2 | <b>-.003790</b> | <b>-.005658</b> | <b>-.003648</b> | <b>-.001632</b> | <b>-.003217</b> | <b>.001560</b>  | <b>-.010000</b> |
| #3 | <b>-.005998</b> | <b>-.007442</b> | <b>-.004123</b> | <b>.000137</b>  | <b>-.002984</b> | <b>-.001730</b> | <b>-.010320</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000234</b> | <b>-.001519</b> | <b>1.696856</b> | <b>-.000215</b> | <b>-.001800</b> | <b>-.000053</b> | <b>.1461402</b> |
| Stddev | .000056         | .000048         | .002991         | .000169         | .000249         | .000382         | .0018363        |
| %RSD   | 23.98713        | 3.188514        | .1762642        | 78.29194        | 13.84606        | 718.7651        | 1.256543        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000185</b> | <b>-.001547</b> | <b>1.693405</b> | <b>-.000284</b> | <b>-.001826</b> | <b>.000377</b>  | <b>.1445285</b> |
| #2 | <b>-.000223</b> | <b>-.001463</b> | <b>1.698459</b> | <b>-.000339</b> | <b>-.001538</b> | <b>-.000353</b> | <b>.1457528</b> |
| #3 | <b>-.000295</b> | <b>-.001547</b> | <b>1.698704</b> | <b>-.000023</b> | <b>-.002035</b> | <b>-.000184</b> | <b>.1481393</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0254809</b> | <b>.2326937</b> | <b>-.001065</b> | <b>-.000503</b> | <b>12.39616</b> | <b>-.001202</b> | <b>.0039464</b> |
| Stddev | .0000322        | .0069432        | .000107         | .000425         | .06081          | .001184         | .0000690        |
| %RSD   | .1261881        | 2.983831        | 10.08932        | 84.52944        | .4905659        | 98.42355        | 1.747429        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0254544</b> | <b>.2281290</b> | <b>-.000973</b> | <b>-.000574</b> | <b>12.46383</b> | <b>-.000079</b> | <b>.0038709</b> |
| #2 | <b>.0255166</b> | <b>.2292681</b> | <b>-.001183</b> | <b>-.000887</b> | <b>12.37856</b> | <b>-.001090</b> | <b>.0039621</b> |
| #3 | <b>.0254716</b> | <b>.2406840</b> | <b>-.001039</b> | <b>-.000047</b> | <b>12.34609</b> | <b>-.002438</b> | <b>.0040060</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4049864</b> | <b>.0024215</b> | <b>-.003069</b> | <b>-.003100</b> | <b>-.002459</b> | <b>.2738592</b> | <b>.4921249</b> |
| Stddev | .0150717        | .0006106        | .000152         | .001270         | .000235         | .0024678        | .0017697        |
| %RSD   | 3.721536        | 25.21558        | 4.969673        | 40.98470        | 9.553233        | .9011090        | .3596119        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3914957</b> | <b>.0020240</b> | <b>-.002944</b> | <b>-.004247</b> | <b>-.002429</b> | <b>.2731655</b> | <b>.4941280</b> |
| #2 | <b>.4212532</b> | <b>.0021160</b> | <b>-.003239</b> | <b>-.003318</b> | <b>-.002707</b> | <b>.2765996</b> | <b>.4907733</b> |
| #3 | <b>.4022104</b> | <b>.0031246</b> | <b>-.003022</b> | <b>-.001734</b> | <b>-.002240</b> | <b>.2718125</b> | <b>.4914732</b> |

Sample Name: Q2267-01LX5      Acquired: 6/11/2025 18:09:09      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .5394438 | .0070692 | .0108285 |
| Stddev | .0030067 | .0012957 | .0000795 |
| %RSD   | .5573694 | 18.32875 | .7336718 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5392358 | .0055731 | .0108645 |
| #2 | .5425491 | .0078055 | .0107374 |
| #3 | .5365465 | .0078290 | .0108835 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2890.637 | 69659.09 | 15715.33 | 2110.235 | 4104.722 |
| Stddev    | 41.913   | 70.04    | 36.38    | 6.114    | 32.748   |
| %RSD      | 1.449970 | .1005436 | .2315205 | .2897511 | .7978108 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2869.070 | 69626.57 | 15749.67 | 2115.138 | 4085.080 |
| #2 | 2863.899 | 69611.22 | 15719.14 | 2112.183 | 4086.561 |
| #3 | 2938.942 | 69739.47 | 15677.20 | 2103.384 | 4142.527 |

Sample Name: Q2267-01MS      Acquired: 6/11/2025 18:13:28      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7706226</b> | <b>1.731948</b> | <b>.8983753</b> | <b>1.875586</b> | <b>.7961713</b> | <b>1.998114</b> | <b>.1926161</b> |
| Stddev | .0032171        | .005309         | .0048773        | .007866         | .0016945        | .006802         | .0003600        |
| %RSD   | .4174719        | .3065077        | .5429055        | .4194003        | .2128352        | .3404263        | .1868983        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7685218 | 1.737924 | .8958749 | 1.884566 | .7943947 | 2.000486 | .1925108 |
| #2 | .7690197 | 1.730142 | .8952553 | 1.872280 | .7963494 | 2.003413 | .1930170 |
| #3 | .7743262 | 1.727779 | .9039958 | 1.869912 | .7977697 | 1.990444 | .1923205 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1786638</b> | <b>.1853911</b> | <b>10.47525</b> | <b>.3818009</b> | <b>.1923490</b> | <b>.2999080</b> | <b>3.841020</b> |
| Stddev | .0008777        | .0009706        | .03929          | .0006378        | .0011523        | .0003784        | .025473         |
| %RSD   | .4912882        | .5235156        | .3750467        | .1670388        | .5990833        | .1261690        | .6631943        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1790612 | .1848849 | 10.43367 | .3813710 | .1916860 | .3003447 | 3.813333 |
| #2 | .1792726 | .1847783 | 10.48034 | .3814981 | .1916815 | .2996792 | 3.846264 |
| #3 | .1776576 | .1865101 | 10.51175 | .3825337 | .1936796 | .2997000 | 3.863464 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3894316</b> | <b>3.122970</b> | <b>.4810078</b> | <b>.0705554</b> | <b>77.22901</b> | <b>.2907747</b> | <b>.2347032</b> |
| Stddev | .0028819        | .016869         | .0020889        | .0004876        | .08661          | .0006590        | .0009520        |
| %RSD   | .7400225        | .5401622        | .4342649        | .6910447        | .1121475        | .2266423        | .4056271        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3863538 | 3.104758 | .4795574 | .0705421 | 77.26600 | .2901159 | .2336457 |
| #2 | .3920661 | 3.138060 | .4800641 | .0710494 | 77.13005 | .2914339 | .2349719 |
| #3 | .3898751 | 3.126092 | .4834020 | .0700745 | 77.29099 | .2907744 | .2354919 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.74844</b> | <b>.2855159</b> | <b>.4237558</b> | <b>.6506156</b> | <b>.1938083</b> | <b>2.465219</b> | <b>8.167473</b> |
| Stddev | .05053          | .0013315        | .0009191        | .0040520        | .0004577        | .013106         | .030560         |
| %RSD   | .4300891        | .4663543        | .2169029        | .6227926        | .2361510        | .5316478        | .3741718        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.69814 | .2867263 | .4248137 | .6477294 | .1934593 | 2.452024 | 8.176199 |
| #2 | 11.74798 | .2857317 | .4233004 | .6488696 | .1936391 | 2.465397 | 8.133499 |
| #3 | 11.79919 | .2840897 | .4231532 | .6552479 | .1943265 | 2.478235 | 8.192722 |

Sample Name: Q2267-01MS      Acquired: 6/11/2025 18:13:28      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>3.175848</b> | <b>.1708158</b> | <b>.2706675</b> |
| Stddev | .008018         | .0013453        | .0011238        |
| %RSD   | .2524819        | .7875643        | .4151800        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.171032</b> | <b>.1721782</b> | <b>.2709524</b> |
| #2 | <b>3.171406</b> | <b>.1707809</b> | <b>.2716213</b> |
| #3 | <b>3.185104</b> | <b>.1694883</b> | <b>.2694287</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2772.482</b> | <b>66919.57</b> | <b>15359.60</b> | <b>1976.666</b> | <b>3909.089</b> |
| Stddev    | 13.576          | 167.39          | 57.03           | 15.103          | 8.523           |
| %RSD      | .4896705        | .2501307        | .3713085        | .7640880        | .2180265        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2759.144</b> | <b>67106.38</b> | <b>15372.64</b> | <b>1993.794</b> | <b>3899.844</b> |
| #2 | <b>2772.017</b> | <b>66869.11</b> | <b>15297.17</b> | <b>1970.945</b> | <b>3916.633</b> |
| #3 | <b>2786.285</b> | <b>66783.21</b> | <b>15408.97</b> | <b>1965.259</b> | <b>3910.789</b> |

Sample Name: Q2267-01MSD      Acquired: 6/11/2025 18:17:27      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.8192564</b> | <b>1.864326</b> | <b>.9598300</b> | <b>1.993901</b> | <b>.8428966</b> | <b>2.166078</b> | <b>.1981822</b> |
| Stddev | .0030384        | .017289         | .0037880        | .001355         | .0034853        | .024342         | .0014022        |
| %RSD   | .3708767        | .9273457        | .3946589        | .0679460        | .4134881        | 1.123771        | .7075076        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8159609 | 1.852849 | .9569706 | 1.992516 | .8424850 | 2.179046 | .1987743 |
| #2 | .8198618 | 1.884211 | .9583932 | 1.993965 | .8396354 | 2.181190 | .1991912 |
| #3 | .8219466 | 1.855918 | .9641263 | 1.995223 | .8465694 | 2.137998 | .1965812 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2077283</b> | <b>.1975019</b> | <b>8.834531</b> | <b>.4126493</b> | <b>.2051790</b> | <b>.3191833</b> | <b>3.615588</b> |
| Stddev | .0005948        | .0012093        | .061189         | .0006126        | .0007605        | .0004149        | .016703         |
| %RSD   | .2863285        | .6122972        | .6926089        | .1484605        | .3706478        | .1299997        | .4619754        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2081006 | .1962503 | 8.865516 | .4132876 | .2044601 | .3192190 | 3.624275 |
| #2 | .2080420 | .1975914 | 8.874030 | .4125943 | .2051017 | .3187516 | 3.596332 |
| #3 | .2070424 | .1986639 | 8.764048 | .4120660 | .2059752 | .3195792 | 3.626158 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3297270</b> | <b>3.074420</b> | <b>.5120872</b> | <b>.0757843</b> | <b>57.40773</b> | <b>.3101618</b> | <b>.2430134</b> |
| Stddev | .0016208        | .025659         | .0023604        | .0004615        | .24394          | .0026750        | .0013971        |
| %RSD   | .4915675        | .8345944        | .4609375        | .6089982        | .4249203        | .8624560        | .5749004        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3309589 | 3.087628 | .5096894 | .0763030 | 57.68178 | .3122943 | .2442195 |
| #2 | .3303312 | 3.090784 | .5121640 | .0754189 | 57.32711 | .3110308 | .2433382 |
| #3 | .3278908 | 3.044848 | .5144083 | .0756311 | 57.21431 | .3071603 | .2414825 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.07187</b> | <b>.3215462</b> | <b>.4532714</b> | <b>.6902373</b> | <b>.2050939</b> | <b>2.062984</b> | <b>7.926575</b> |
| Stddev | .08792          | .0028391        | .0004540        | .0035879        | .0018365        | .008690         | .039550         |
| %RSD   | .7941208        | .8829544        | .1001520        | .5198120        | .8954647        | .4212197        | .4989552        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.17074 | .3239318 | .4527584 | .6873850 | .2060610 | 2.061999 | 7.881772 |
| #2 | 11.04239 | .3223008 | .4534345 | .6890612 | .2062449 | 2.054829 | 7.941312 |
| #3 | 11.00247 | .3184060 | .4536213 | .6942657 | .2029759 | 2.072124 | 7.956641 |

Sample Name: Q2267-01MSD      Acquired: 6/11/2025 18:17:27      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>2.456052</b> | <b>.1816409</b> | <b>.2655998</b> |
| Stddev | .005739         | .0031317        | .0022878        |
| %RSD   | .2336655        | 1.724092        | .8613626        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.450177 | .1810596 | .2672663 |
| #2 | 2.456334 | .1850225 | .2665416 |
| #3 | 2.461644 | .1788406 | .2629914 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2813.762</b> | <b>67358.98</b> | <b>14227.52</b> | <b>2008.764</b> | <b>4000.691</b> |
| Stddev    | 13.078          | 200.65          | 93.20           | 10.601          | 10.590          |
| %RSD      | .4647743        | .2978791        | .6550751        | .5277354        | .2646993        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2802.994 | 67138.94 | 14158.96 | 1996.529 | 3994.966 |
| #2 | 2809.978 | 67531.83 | 14189.96 | 2015.206 | 3994.196 |
| #3 | 2828.315 | 67406.16 | 14333.64 | 2014.557 | 4012.911 |

Sample Name: CCV04      Acquired: 6/11/2025 18:21:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.857272</b> | <b>4.742881</b> | <b>4.918951</b> | <b>4.898757</b> | <b>4.913170</b> | <b>9.841703</b> | <b>9.951450</b> |
| Stddev | .009772         | .053042         | .024494         | .012863         | .019427         | .027015         | .052774         |
| %RSD   | .2011743        | 1.118353        | .4979604        | .2625704        | .3954159        | .2744912        | .5303122        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.857345 | 4.803792 | 4.900207 | 4.908990 | 4.933037 | 9.832848 | 9.891449 |
| #2 | 4.867008 | 4.706873 | 4.909978 | 4.902962 | 4.912260 | 9.820228 | 9.972234 |
| #3 | 4.847465 | 4.717977 | 4.946666 | 4.884317 | 4.894214 | 9.872034 | 9.990668 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2303031</b> | <b>2.440819</b> | <b>24.43019</b> | <b>.9585309</b> | <b>2.459509</b> | <b>1.231569</b> | <b>5.092760</b> |
| Stddev | .0003227        | .013857         | .08823          | .0006816        | .009537         | .003506         | .019378         |
| %RSD   | .1401020        | .5677117        | .3611315        | .0711044        | .3877680        | .2846989        | .3805080        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2305569 | 2.432414 | 24.32971 | .9583968 | 2.453041 | 1.234166 | 5.070392 |
| #2 | .2304125 | 2.433230 | 24.46592 | .9579264 | 2.455024 | 1.232959 | 5.104466 |
| #3 | .2299400 | 2.456812 | 24.49495 | .9592696 | 2.470462 | 1.227581 | 5.103422 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.421192</b> | <b>24.22278</b> | <b>2.456239</b> | <b>1.222315</b> | <b>24.77558</b> | <b>2.466842</b> | <b>2.475307</b> |
| Stddev | .012254         | .15189          | .009320         | .000398         | .03365          | .011912         | .017112         |
| %RSD   | .5061306        | .6270709        | .3794492        | .0325728        | .1358334        | .4828903        | .6912901        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.407899 | 24.05236 | 2.450733 | 1.221857 | 24.81413 | 2.453221 | 2.469558 |
| #2 | 2.432039 | 24.27205 | 2.450985 | 1.222507 | 24.76055 | 2.475309 | 2.461811 |
| #3 | 2.423638 | 24.34392 | 2.467001 | 1.222581 | 24.75206 | 2.471996 | 2.494553 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.00148</b> | <b>4.606276</b> | <b>4.989616</b> | <b>4.847080</b> | <b>4.925952</b> | <b>5.227956</b> | <b>4.888336</b> |
| Stddev | .04109          | .004336         | .014860         | .025479         | .012317         | .029822         | .019087         |
| %RSD   | .1643676        | .0941335        | .2978122        | .5256641        | .2500512        | .5704414        | .3904527        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.96290 | 4.611260 | 5.002600 | 4.830585 | 4.911740 | 5.196356 | 4.886631 |
| #2 | 24.99685 | 4.604200 | 4.992838 | 4.834230 | 4.933538 | 5.231905 | 4.870159 |
| #3 | 25.04469 | 4.603369 | 4.973410 | 4.876426 | 4.932578 | 5.255607 | 4.908218 |

Sample Name: CCV04      Acquired: 6/11/2025 18:21:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.729277</b> | <b>4.682190</b> | <b>4.992988</b> |
| Stddev | .020353         | .007098         | .022378         |
| %RSD   | .4303520        | .1515974        | .4481852        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.734342</b> | <b>4.687800</b> | <b>4.970892</b> |
| #2 | <b>4.706869</b> | <b>4.684559</b> | <b>4.992434</b> |
| #3 | <b>4.746618</b> | <b>4.674210</b> | <b>5.015638</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2846.627</b> | <b>66741.41</b> | <b>15300.33</b> | <b>2020.384</b> | <b>3854.665</b> |
| Stddev    | 31.834          | 96.29           | 23.89           | 14.690          | 28.453          |
| %RSD      | 1.118316        | .1442740        | .1561567        | .7271137        | .7381423        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2823.948</b> | <b>66820.92</b> | <b>15327.90</b> | <b>2028.174</b> | <b>3833.717</b> |
| #2 | <b>2832.912</b> | <b>66768.97</b> | <b>15285.56</b> | <b>2029.540</b> | <b>3843.219</b> |
| #3 | <b>2883.019</b> | <b>66634.35</b> | <b>15287.54</b> | <b>2003.440</b> | <b>3887.058</b> |

Sample Name: CCB04      Acquired: 6/11/2025 18:25:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.004307</b> | <b>-.001826</b> | <b>-.001659</b> | <b>-.001329</b> | <b>-.003159</b> | <b>-.001649</b> | <b>-.011050</b> |
| Stddev | .001335         | .000488         | .000378         | .001158         | .001058         | .002642         | .000577         |
| %RSD   | 31.00244        | 26.70185        | 22.75716        | 87.16123        | 33.49772        | 160.2068        | 5.224931        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005849</b> | <b>-.001333</b> | <b>-.001673</b> | <b>-.002194</b> | <b>-.002805</b> | .000939         | <b>-.011404</b> |
| #2 | <b>-.003547</b> | <b>-.002308</b> | <b>-.001275</b> | <b>-.001781</b> | <b>-.002324</b> | <b>-.001545</b> | <b>-.011361</b> |
| #3 | <b>-.003525</b> | <b>-.001837</b> | <b>-.002030</b> | <b>-.000013</b> | <b>-.004349</b> | <b>-.004342</b> | <b>-.010384</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000152</b> | <b>-.001345</b> | <b>-.024729</b> | <b>-.000697</b> | <b>-.001557</b> | <b>-.000702</b> | <b>.0051929</b> |
| Stddev | .000016         | .000092         | .005832         | .000141         | .000116         | .000127         | .0017995        |
| %RSD   | 10.56383        | 6.811431        | 23.58342        | 20.19394        | 7.452762        | 18.11317        | 34.65361        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000144</b> | <b>-.001447</b> | <b>-.030690</b> | <b>-.000774</b> | <b>-.001639</b> | <b>-.000757</b> | <b>.0031998</b> |
| #2 | <b>-.000142</b> | <b>-.001318</b> | <b>-.024461</b> | <b>-.000783</b> | <b>-.001607</b> | <b>-.000557</b> | <b>.0066983</b> |
| #3 | <b>-.000171</b> | <b>-.001269</b> | <b>-.019035</b> | <b>-.000535</b> | <b>-.001424</b> | <b>-.000793</b> | <b>.0056806</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001707</b> | <b>-.037472</b> | <b>-.001602</b> | <b>-.000359</b> | <b>.0977543</b> | <b>-.001300</b> | <b>.0029978</b> |
| Stddev | .000157         | .012005         | .000274         | .000042         | .0138864        | .001187         | .0001808        |
| %RSD   | 9.193538        | 32.03848        | 17.08090        | 11.81750        | 14.20542        | 91.32693        | 6.031907        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001546</b> | <b>-.050021</b> | <b>-.001395</b> | <b>-.000393</b> | <b>.0827486</b> | <b>-.002670</b> | <b>.0029382</b> |
| #2 | <b>-.001715</b> | <b>-.036298</b> | <b>-.001912</b> | <b>-.000373</b> | <b>.1003627</b> | <b>-.000672</b> | <b>.0032008</b> |
| #3 | <b>-.001859</b> | <b>-.026097</b> | <b>-.001498</b> | <b>-.000312</b> | <b>.1101515</b> | <b>-.000559</b> | <b>.0028542</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0420045</b> | <b>.0032623</b> | <b>-.002265</b> | <b>-.004718</b> | <b>-.002237</b> | <b>.0008459</b> | <b>-.004703</b> |
| Stddev | .0102412        | .0004792        | .000166         | .000622         | .000371         | .0025485        | .001312         |
| %RSD   | 24.38123        | 14.68812        | 7.319018        | 13.19013        | 16.57075        | 301.2634        | 27.89566        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0476158</b> | <b>.0028502</b> | <b>-.002450</b> | <b>-.005292</b> | <b>-.001817</b> | <b>.0020502</b> | <b>-.006082</b> |
| #2 | <b>.0301840</b> | <b>.0037881</b> | <b>-.002130</b> | <b>-.004806</b> | <b>-.002373</b> | <b>.0025692</b> | <b>-.003470</b> |
| #3 | <b>.0482138</b> | <b>.0031487</b> | <b>-.002215</b> | <b>-.004057</b> | <b>-.002520</b> | <b>-.002082</b> | <b>-.004558</b> |

Sample Name: CCB04      Acquired: 6/11/2025 18:25:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0028144</b> | <b>-.001881</b> | <b>-.002873</b> |
| Stddev | .0016496        | .001039         | .000031         |
| %RSD   | 58.61163        | 55.24306        | 1.080363        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0040026</b> | <b>-.002698</b> | <b>-.002871</b> |
| #2 | <b>.0009310</b> | <b>-.000712</b> | <b>-.002843</b> |
| #3 | <b>.0035096</b> | <b>-.002232</b> | <b>-.002905</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3037.107</b> | <b>72375.68</b> | <b>15379.93</b> | <b>2213.777</b> | <b>4436.465</b> |
| Stddev    | 40.900          | 721.34          | 14.17           | 48.135          | 35.893          |
| %RSD      | 1.346684        | .9966673        | .0921079        | 2.174329        | .8090365        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3012.563 | 72071.51 | 15372.55 | 2186.272 | 4415.729 |
| #2 | 3084.322 | 73199.29 | 15370.97 | 2269.357 | 4477.910 |
| #3 | 3014.436 | 71856.24 | 15396.26 | 2185.701 | 4415.755 |

Sample Name: Q2267-01A      Acquired: 6/11/2025 18:29:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7578835</b> | <b>1.716298</b> | <b>.8861108</b> | <b>1.831478</b> | <b>.7601141</b> | <b>1.967379</b> | <b>.1880560</b> |
| Stddev | .0027319        | .023571         | .0141219        | .002994         | .0050014        | .003997         | .0001372        |
| %RSD   | .3604633        | 1.373334        | 1.593694        | .1634552        | .6579793        | .2031828        | .0729735        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7547390 | 1.692536 | .8777030 | 1.830860 | .7604418 | 1.971769 | .1879123 |
| #2 | .7592380 | 1.716684 | .8782147 | 1.828842 | .7649436 | 1.966420 | .1881857 |
| #3 | .7596735 | 1.739672 | .9024147 | 1.834733 | .7549570 | 1.963949 | .1880699 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1806828</b> | <b>.1829890</b> | <b>10.76408</b> | <b>.3772068</b> | <b>.1898032</b> | <b>.2933374</b> | <b>3.691555</b> |
| Stddev | .0000480        | .0028765        | .01993          | .0016094        | .0025063        | .0003014        | .015318         |
| %RSD   | .0265479        | 1.571940        | .1851280        | .4266528        | 1.320456        | .1027464        | .4149361        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1806811 | .1815387 | 10.74385 | .3788129 | .1886650 | .2934890 | 3.674733 |
| #2 | .1807316 | .1811265 | 10.78369 | .3755942 | .1880680 | .2929903 | 3.704698 |
| #3 | .1806358 | .1863020 | 10.76469 | .3772135 | .1926766 | .2935329 | 3.695234 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3451021</b> | <b>3.171011</b> | <b>.4743712</b> | <b>.0676227</b> | <b>75.84727</b> | <b>.2870009</b> | <b>.2336711</b> |
| Stddev | .0011803        | .022433         | .0063826        | .0001140        | .38553          | .0014254        | .0016430        |
| %RSD   | .3420092        | .7074487        | 1.345481        | .1685522        | .5082925        | .4966481        | .7031085        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3446147 | 3.167735 | .4703877 | .0677111 | 75.74433 | .2876233 | .2353071 |
| #2 | .3464480 | 3.150396 | .4709930 | .0674941 | 76.27382 | .2853702 | .2320213 |
| #3 | .3442436 | 3.194903 | .4817329 | .0676630 | 75.52366 | .2880093 | .2336851 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.25888</b> | <b>.2922460</b> | <b>.4067912</b> | <b>.6281302</b> | <b>.1867455</b> | <b>2.417447</b> | <b>8.191843</b> |
| Stddev | .02391          | .0008141        | .0004484        | .0099508        | .0004703        | .007873         | .108586         |
| %RSD   | .2123288        | .2785625        | .1102257        | 1.584199        | .2518599        | .3256906        | 1.325543        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.24669 | .2929031 | .4068519 | .6225146 | .1868967 | 2.423815 | 8.105111 |
| #2 | 11.28642 | .2913353 | .4063155 | .6222566 | .1871216 | 2.408644 | 8.156793 |
| #3 | 11.24353 | .2924997 | .4072061 | .6396195 | .1862182 | 2.419881 | 8.313626 |

Sample Name: Q2267-01A      Acquired: 6/11/2025 18:29:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>3.130824</b> | <b>.1687690</b> | <b>.2691418</b> |
| Stddev | .043024         | .0009745        | .0015046        |
| %RSD   | 1.374195        | .5774390        | .5590338        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.104924</b> | <b>.1677173</b> | <b>.2692046</b> |
| #2 | <b>3.107060</b> | <b>.1696415</b> | <b>.2706140</b> |
| #3 | <b>3.180488</b> | <b>.1689481</b> | <b>.2676068</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2803.416</b> | <b>66921.27</b> | <b>14868.89</b> | <b>1996.347</b> | <b>3946.374</b> |
| Stddev    | 47.350          | 65.97           | 16.88           | 4.748           | 32.749          |
| %RSD      | 1.689010        | .0985816        | .1135349        | .2378293        | .8298427        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2771.812</b> | <b>66862.87</b> | <b>14852.61</b> | <b>2001.474</b> | <b>3923.187</b> |
| #2 | <b>2780.580</b> | <b>66992.83</b> | <b>14867.76</b> | <b>1995.464</b> | <b>3932.098</b> |
| #3 | <b>2857.856</b> | <b>66908.10</b> | <b>14886.32</b> | <b>1992.102</b> | <b>3983.837</b> |

Sample Name: PB168423BL      Acquired: 6/11/2025 18:33:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003004</b> | <b>-.004156</b> | <b>-.003711</b> | <b>-.002850</b> | <b>-.003913</b> | <b>-.003655</b> | <b>-.012062</b> |
| Stddev | .002495         | .001033         | .000195         | .001360         | .001575         | .004021         | .000533         |
| %RSD   | 83.07481        | 24.85361        | 5.259317        | 47.71820        | 40.25053        | 110.0179        | 4.422043        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005754</b> | <b>-.005331</b> | <b>-.003783</b> | <b>-.002110</b> | <b>-.004808</b> | <b>-.004443</b> | <b>-.012174</b> |
| #2 | <b>-.000885</b> | <b>-.003741</b> | <b>-.003860</b> | <b>-.004419</b> | <b>-.004836</b> | <b>.000702</b>  | <b>-.011482</b> |
| #3 | <b>-.002372</b> | <b>-.003394</b> | <b>-.003490</b> | <b>-.002020</b> | <b>-.002094</b> | <b>-.007224</b> | <b>-.012531</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000196</b> | <b>-.001526</b> | <b>.0065797</b> | <b>-.000313</b> | <b>-.001445</b> | <b>-.000703</b> | <b>.0000906</b> |
| Stddev | .000083         | .000027         | .0044831        | .000106         | .000193         | .000139         | .0038980        |
| %RSD   | 42.33198        | 1.771005        | 68.13496        | 33.98130        | 13.33545        | 19.82837        | 4301.038        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000226</b> | <b>-.001552</b> | <b>.0070671</b> | <b>-.000281</b> | <b>-.001225</b> | <b>-.000576</b> | <b>.0041596</b> |
| #2 | <b>-.000260</b> | <b>-.001529</b> | <b>.0018729</b> | <b>-.000431</b> | <b>-.001529</b> | <b>-.000681</b> | <b>-.000277</b> |
| #3 | <b>-.000102</b> | <b>-.001498</b> | <b>.0107992</b> | <b>-.000226</b> | <b>-.001582</b> | <b>-.000852</b> | <b>-.003610</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000525</b> | <b>-.001088</b> | <b>-.001210</b> | <b>-.000450</b> | <b>.1406754</b> | <b>-.002690</b> | <b>-.001479</b> |
| Stddev | .0000546        | .004571         | .000080         | .000256         | .0006232        | .000530         | .000170         |
| %RSD   | 103.8697        | 420.0902        | 6.623112        | 56.94573        | .4429862        | 19.68962        | 11.49199        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000003</b> | <b>.003617</b>  | <b>-.001298</b> | <b>-.000366</b> | <b>.1410658</b> | <b>-.003206</b> | <b>-.001624</b> |
| #2 | <b>.000107</b>  | <b>-.005512</b> | <b>-.001191</b> | <b>-.000737</b> | <b>.1410037</b> | <b>-.002717</b> | <b>-.001292</b> |
| #3 | <b>.000054</b>  | <b>-.001369</b> | <b>-.001141</b> | <b>-.000246</b> | <b>.1399567</b> | <b>-.002148</b> | <b>-.001519</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0700858</b> | <b>-.000910</b> | <b>-.003037</b> | <b>-.001444</b> | <b>-.002667</b> | <b>-.005116</b> | <b>-.002674</b> |
| Stddev | .0176257        | .000570         | .000393         | .000468         | .000515         | .002600         | .001818         |
| %RSD   | 25.14870        | 62.67951        | 12.94873        | 32.38847        | 19.32657        | 50.82175        | 68.00531        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0842461</b> | <b>-.000363</b> | <b>-.002872</b> | <b>-.001915</b> | <b>-.002273</b> | <b>-.007184</b> | <b>-.001340</b> |
| #2 | <b>.0503455</b> | <b>-.000866</b> | <b>-.002754</b> | <b>-.001438</b> | <b>-.003250</b> | <b>-.005965</b> | <b>-.004745</b> |
| #3 | <b>.0756659</b> | <b>-.001501</b> | <b>-.003486</b> | <b>-.000980</b> | <b>-.002477</b> | <b>-.002197</b> | <b>-.001937</b> |

Sample Name: PB168423BL      Acquired: 6/11/2025 18:33:58      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0078611 | .0005179 | -.003245 |
| Stddev | .0027740 | .0010359 | .000050  |
| %RSD   | 35.28823 | 200.0127 | 1.538286 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0092812 | .0016062 | -.003296 |
| #2 | .0096375 | .0004036 | -.003197 |
| #3 | .0046645 | -.000456 | -.003242 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2952.793 | 70988.05 | 15608.66 | 2196.224 | 4244.854 |
| Stddev    | 2.404    | 439.76   | 21.20    | 30.840   | 11.030   |
| %RSD      | .0814230 | .6194876 | .1357907 | 1.404210 | .2598475 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2951.521 | 70861.33 | 15588.08 | 2176.856 | 4243.663 |
| #2 | 2955.567 | 70625.57 | 15607.50 | 2180.029 | 4256.432 |
| #3 | 2951.293 | 71477.26 | 15630.42 | 2231.787 | 4234.468 |

Sample Name: PB168423BS      Acquired: 6/11/2025 18:38:18      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7574395</b> | <b>1.868026</b> | <b>.9560870</b> | <b>1.920332</b> | <b>.7714361</b> | <b>1.904914</b> |
| Stddev | .0086063        | .023389         | .0052557        | .017668         | .0082893        | .005832         |
| %RSD   | 1.136232        | 1.252067        | .5497126        | .9200732        | 1.074532        | .3061326        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7522369 | 1.853576 | .9501704 | 1.917571 | .7678329 | 1.909192 |
| #2 | .7527080 | 1.855491 | .9578754 | 1.904207 | .7655581 | 1.907278 |
| #3 | .7673734 | 1.895011 | .9602150 | 1.939219 | .7809172 | 1.898271 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1741016</b> | <b>.1939455</b> | <b>.1908239</b> | <b>.9890309</b> | <b>.3819609</b> | <b>.1940572</b> |
| Stddev | .0004468        | .0006630        | .0014401        | .0115134        | .0011338        | .0019379        |
| %RSD   | .2566613        | .3418346        | .7546955        | 1.164108        | .2968399        | .9986122        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1742211 | .1947101 | .1891852 | .9789346 | .3828126 | .1919568 |
| #2 | .1736071 | .1935292 | .1913982 | .9865885 | .3823962 | .1944391 |
| #3 | .1744766 | .1935973 | .1918882 | 1.001570 | .3806740 | .1957757 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3038437</b> | <b>2.850650</b> | <b>.1923841</b> | <b>1.891385</b> | <b>.4892756</b> | <b>.0717062</b> |
| Stddev | .0035111        | .026961         | .0012850        | .012155         | .0030108        | .0001265        |
| %RSD   | 1.155563        | .9457702        | .6679233        | .6426724        | .6153572        | .1764725        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3024622 | 2.824929 | .1915063 | 1.893899 | .4859804 | .0715677 |
| #2 | .3012335 | 2.848323 | .1917871 | 1.878169 | .4899634 | .0717353 |
| #3 | .3078355 | 2.878699 | .1938590 | 1.902087 | .4918830 | .0718157 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.646808</b> | <b>.2855220</b> | <b>.2004076</b> | <b>8.861851</b> | <b>.2910028</b> | <b>.3955907</b> |
| Stddev | .014725         | .0011183        | .0011475        | .034158         | .0013255        | .0038542        |
| %RSD   | .5563171        | .3916687        | .5725936        | .3854462        | .4554967        | .9742881        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.651806 | .2849637 | .2012888 | 8.845819 | .2921679 | .3942889 |
| #2 | 2.630234 | .2868096 | .2008240 | 8.838658 | .2912799 | .3925559 |
| #3 | 2.658382 | .2847928 | .1991100 | 8.901075 | .2895607 | .3999272 |

Sample Name: PB168423BS      Acquired: 6/11/2025 18:38:18      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.6629474</b> | <b>.1860383</b> | <b>.8174723</b> | <b>5.561126</b> | <b>F .0003945</b> | <b>.1626208</b> |
| Stddev | .0058351        | .0010125        | .0029468        | .044156         | .0026130          | .0010580        |
| %RSD   | .8801794        | .5442173        | .3604822        | .7940029        | 662.2861          | .6505696        |
| #1     | .6563619        | .1857278        | .8161462        | 5.514412        | .0033979          | .1638408        |
| #2     | .6650063        | .1852175        | .8154216        | 5.566789        | -.001358          | .1619558        |
| #3     | .6674740        | .1871696        | .8208492        | 5.602177        | -.000856          | .1620658        |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>.1871532</b> |
| Stddev | .0006674        |
| %RSD   | .3565854        |
| #1     | .1879231        |
| #2     | .1867403        |
| #3     | .1867961        |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2947.638</b> | <b>69105.31</b> | <b>14896.99</b> | <b>2135.198</b> | <b>4160.990</b> |
| Stddev    | 47.810          | 140.41          | 45.04           | 9.521           | 46.147          |
| %RSD      | 1.621965        | .2031872        | .3023482        | .4459084        | 1.109031        |
| #1        | 2935.279        | 69254.58        | 14847.74        | 2125.590        | 4162.537        |
| #2        | 3000.413        | 68975.86        | 14907.15        | 2135.376        | 4206.343        |
| #3        | 2907.220        | 69085.50        | 14936.08        | 2144.630        | 4114.088        |

Sample Name: PB168390TB      Acquired: 6/11/2025 18:42:18      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.010025</b> | <b>-.009009</b> | <b>-.003360</b> | <b>.0071810</b> | <b>-.002785</b> | <b>.0022317</b> | <b>-.011312</b> |
| Stddev | .000924         | .001180         | .001160         | .0007800        | .001865         | .0023469        | .005873         |
| %RSD   | 9.212636        | 13.09519        | 34.51964        | 10.86131        | 66.98334        | 105.1606        | 51.91564        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009744</b> | <b>-.008678</b> | <b>-.002729</b> | <b>.0074126</b> | <b>-.004816</b> | <b>.0007512</b> | <b>-.004532</b> |
| #2 | <b>-.011056</b> | <b>-.008030</b> | <b>-.002653</b> | <b>.0063116</b> | <b>-.001149</b> | <b>.0049377</b> | <b>-.014584</b> |
| #3 | <b>-.009274</b> | <b>-.010319</b> | <b>-.004699</b> | <b>.0078190</b> | <b>-.002389</b> | <b>.0010063</b> | <b>-.014821</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000389</b> | <b>-.001484</b> | <b>-.002348</b> | <b>-.000370</b> | <b>-.001938</b> | <b>-.000651</b> | <b>.0064924</b> |
| Stddev | .000011         | .000047         | .003808         | .000030         | .000318         | .000437         | .0003038        |
| %RSD   | 2.735451        | 3.161472        | 162.2267        | 7.985485        | 16.39029        | 67.21706        | 4.680086        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000386</b> | <b>-.001529</b> | <b>-.000723</b> | <b>-.000405</b> | <b>-.002292</b> | <b>-.000975</b> | <b>.0065705</b> |
| #2 | <b>-.000401</b> | <b>-.001435</b> | <b>.000379</b>  | <b>-.000352</b> | <b>-.001678</b> | <b>-.000153</b> | <b>.0061571</b> |
| #3 | <b>-.000381</b> | <b>-.001488</b> | <b>-.006699</b> | <b>-.000354</b> | <b>-.001844</b> | <b>-.000823</b> | <b>.0067495</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0041619</b> | <b>-.044259</b> | <b>.0002896</b> | <b>-.000594</b> | <b>729.1136</b> | <b>-.001400</b> | <b>.0037054</b> |
| Stddev | .0002424        | .002744         | .0002103        | .000115         | 3.1762          | .000679         | .0003361        |
| %RSD   | 5.824168        | 6.201041        | 72.63435        | 19.34984        | .4356206        | 48.53856        | 9.069919        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0043965</b> | <b>-.044788</b> | <b>.0002439</b> | <b>-.000517</b> | <b>732.6349</b> | <b>-.000635</b> | <b>.0038772</b> |
| #2 | <b>.0041769</b> | <b>-.041288</b> | <b>.0001058</b> | <b>-.000726</b> | <b>726.4649</b> | <b>-.001933</b> | <b>.0033181</b> |
| #3 | <b>.0039124</b> | <b>-.046700</b> | <b>.0005190</b> | <b>-.000540</b> | <b>728.2412</b> | <b>-.001632</b> | <b>.0039208</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1531222</b> | <b>-.002566</b> | <b>-.002668</b> | <b>-.003312</b> | <b>-.002699</b> | <b>.0030951</b> | <b>.0080102</b> |
| Stddev | .0103668        | .000122         | .000052         | .001163         | .000236         | .0041408        | .0017631        |
| %RSD   | 6.770261        | 4.772750        | 1.966161        | 35.10675        | 8.732207        | 133.7858        | 22.01055        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1466548</b> | <b>-.002670</b> | <b>-.002729</b> | <b>-.004538</b> | <b>-.002588</b> | <b>.0030761</b> | <b>.0097896</b> |
| #2 | <b>.1476324</b> | <b>-.002431</b> | <b>-.002639</b> | <b>-.002225</b> | <b>-.002970</b> | <b>.0072453</b> | <b>.0062639</b> |
| #3 | <b>.1650794</b> | <b>-.002597</b> | <b>-.002637</b> | <b>-.003174</b> | <b>-.002540</b> | <b>-.001036</b> | <b>.0079770</b> |

Sample Name: PB168390TB      Acquired: 6/11/2025 18:42:18      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0493167</b> | <b>-.004868</b> | <b>-.003130</b> |
| Stddev | .0022035        | .001374         | .000022         |
| %RSD   | 4.468119        | 28.22991        | .6962109        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0477970</b> | <b>-.006256</b> | <b>-.003155</b> |
| #2 | <b>.0518438</b> | <b>-.003508</b> | <b>-.003119</b> |
| #3 | <b>.0483091</b> | <b>-.004839</b> | <b>-.003115</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2564.102</b> | <b>60853.67</b> | <b>14638.45</b> | <b>1828.190</b> | <b>3418.873</b> |
| Stddev    | 61.730          | 125.44          | 268.20          | .555            | 53.240          |
| %RSD      | 2.407474        | .2061364        | 1.832192        | .0303332        | 1.557240        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2635.380 | 60709.43 | 14329.43 | 1828.063 | 3480.093 |
| #2 | 2528.145 | 60914.39 | 14775.28 | 1828.798 | 3393.128 |
| #3 | 2528.779 | 60937.21 | 14810.65 | 1827.711 | 3383.400 |

Sample Name: PB168415BL      Acquired: 6/11/2025 18:46:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003988</b> | <b>-.003714</b> | <b>-.003621</b> | <b>-.006435</b> | <b>-.003293</b> | <b>.0060608</b> | <b>-.011114</b> |
| Stddev | .001517         | .000540         | .000779         | .003108         | .001072         | .0016282        | .002360         |
| %RSD   | 38.04133        | 14.55106        | 21.49981        | 48.30456        | 32.54700        | 26.86490        | 21.23552        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005740</b> | <b>-.004267</b> | <b>-.003112</b> | <b>-.003143</b> | <b>-.002069</b> | <b>.0072425</b> | <b>-.012405</b> |
| #2 | <b>-.003148</b> | <b>-.003690</b> | <b>-.004518</b> | <b>-.009319</b> | <b>-.003744</b> | <b>.0042036</b> | <b>-.008390</b> |
| #3 | <b>-.003077</b> | <b>-.003186</b> | <b>-.003234</b> | <b>-.006841</b> | <b>-.004065</b> | <b>.0067364</b> | <b>-.012547</b> |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000171</b> | <b>-.001585</b> | <b>-.005001</b> | <b>-.000695</b> | <b>-.001695</b> | <b>-.000533</b> | <b>.0264030</b> |
| Stddev | .000063         | .000088         | .002038         | .000304         | .000086         | .000304         | .0034079        |
| %RSD   | 36.69747        | 5.559138        | 40.73983        | 43.81902        | 5.077599        | 57.04771        | 12.90739        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000101</b> | <b>-.001683</b> | <b>-.006280</b> | <b>-.000563</b> | <b>-.001604</b> | <b>-.000672</b> | <b>.0279462</b> |
| #2 | <b>-.000222</b> | <b>-.001512</b> | <b>-.002652</b> | <b>-.000478</b> | <b>-.001705</b> | <b>-.000743</b> | <b>.0287663</b> |
| #3 | <b>-.000190</b> | <b>-.001560</b> | <b>-.006073</b> | <b>-.001043</b> | <b>-.001775</b> | <b>-.000184</b> | <b>.0224964</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001376</b> | <b>-.005781</b> | <b>-.001458</b> | <b>-.000532</b> | <b>.2623501</b> | <b>-.000544</b> | <b>-.001501</b> |
| Stddev | .000199         | .006934         | .000035         | .000150         | .0085651        | .000408         | .000369         |
| %RSD   | 14.47492        | 119.9462        | 2.369702        | 28.18984        | 3.264746        | 74.92620        | 24.56932        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001594</b> | <b>-.003247</b> | <b>-.001432</b> | <b>-.000475</b> | <b>.2707068</b> | <b>-.000580</b> | <b>-.001424</b> |
| #2 | <b>-.001204</b> | <b>-.013626</b> | <b>-.001497</b> | <b>-.000702</b> | <b>.2535908</b> | <b>-.000933</b> | <b>-.001903</b> |
| #3 | <b>-.001329</b> | <b>-.000470</b> | <b>-.001444</b> | <b>-.000419</b> | <b>.2627526</b> | <b>-.000120</b> | <b>-.001177</b> |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0991592</b> | <b>-.002963</b> | <b>-.003098</b> | <b>-.003189</b> | <b>-.001258</b> | <b>-.005461</b> | <b>-.002095</b> |
| Stddev | .0032779        | .000481         | .000262         | .000832         | .000094         | .004867         | .001217         |
| %RSD   | 3.305738        | 16.24626        | 8.469819        | 26.08301        | 7.471239        | 89.11455        | 58.09747        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1028215</b> | <b>-.002444</b> | <b>-.002796</b> | <b>-.004145</b> | <b>-.001318</b> | <b>-.004220</b> | <b>-.000704</b> |
| #2 | <b>.0964999</b> | <b>-.003396</b> | <b>-.003232</b> | <b>-.002626</b> | <b>-.001306</b> | <b>-.010829</b> | <b>-.002617</b> |
| #3 | <b>.0981562</b> | <b>-.003049</b> | <b>-.003266</b> | <b>-.002797</b> | <b>-.001150</b> | <b>-.001336</b> | <b>-.002965</b> |

Sample Name: PB168415BL      Acquired: 6/11/2025 18:46:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003285</b> | <b>.0003354</b> | <b>-.003256</b> |
| Stddev | .000294         | .0014264        | .000023         |
| %RSD   | 8.964658        | 425.2909        | .7086029        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003518</b> | <b>.0014864</b> | <b>-.003272</b> |
| #2 | <b>-.003383</b> | <b>-.001260</b> | <b>-.003268</b> |
| #3 | <b>-.002954</b> | <b>.000780</b>  | <b>-.003230</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3009.938</b> | <b>70131.37</b> | <b>15263.24</b> | <b>2156.676</b> | <b>4375.144</b> |
| Stddev    | 47.079          | 193.34          | 194.26          | 21.454          | 39.331          |
| %RSD      | 1.564122        | .2756847        | 1.272711        | .9947907        | .8989715        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2991.736</b> | <b>69944.84</b> | <b>15383.97</b> | <b>2134.883</b> | <b>4360.979</b> |
| #2 | <b>3063.400</b> | <b>70118.39</b> | <b>15039.15</b> | <b>2157.371</b> | <b>4419.595</b> |
| #3 | <b>2974.676</b> | <b>70330.87</b> | <b>15366.58</b> | <b>2177.775</b> | <b>4344.856</b> |

Sample Name: PB168415BS      Acquired: 6/11/2025 18:52:28      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7650892</b> | <b>1.911926</b> | <b>.9574990</b> | <b>1.947279</b> | <b>.7790081</b> | <b>1.960145</b> | <b>.1805779</b> |
| Stddev | .0024868        | .016349         | .0055232        | .008599         | .0047449        | .011604         | .0023946        |
| %RSD   | .3250304        | .8551018        | .5768330        | .4415691        | .6090900        | .5919984        | 1.326049        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7676029 | 1.927360 | .9546914 | 1.951859 | .7844869 | 1.973327 | .1801002 |
| #2 | .7626303 | 1.894795 | .9539436 | 1.937360 | .7762975 | 1.955638 | .1831753 |
| #3 | .7650343 | 1.913624 | .9638620 | 1.952619 | .7762399 | 1.951472 | .1784582 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2023780</b> | <b>.1899353</b> | <b>1.002611</b> | <b>.3880557</b> | <b>.1938437</b> | <b>.3059652</b> | <b>2.881882</b> |
| Stddev | .0042985        | .0011873        | .025726         | .0012555        | .0006786        | .0010749        | .015214         |
| %RSD   | 2.124009        | .6250932        | 2.565944        | .3235287        | .3500779        | .3513261        | .5279114        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2018406 | .1893623 | .993272  | .3870084 | .1933765 | .3068862 | 2.874719 |
| #2 | .2069199 | .1891432 | 1.031702 | .3877113 | .1935324 | .3047840 | 2.899355 |
| #3 | .1983734 | .1913004 | .982858  | .3894474 | .1946221 | .3062253 | 2.871571 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1986200</b> | <b>1.970493</b> | <b>.4886816</b> | <b>.0725355</b> | <b>2.663553</b> | <b>.2943429</b> | <b>.2053131</b> |
| Stddev | .0039558        | .101388         | .0024374        | .0001845        | .058214         | .0040296        | .0016501        |
| %RSD   | 1.991623        | 5.145291        | .4987630        | .2543200        | 2.185573        | 1.369018        | .8036956        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1974362 | 1.935291 | .4866350 | .0724884 | 2.687578 | .2952262 | .2049070 |
| #2 | .2030326 | 2.084790 | .4880318 | .0727390 | 2.597172 | .2978575 | .2039040 |
| #3 | .1953914 | 1.891399 | .4913780 | .0723792 | 2.705909 | .2899449 | .2071283 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.941677</b> | <b>.3022713</b> | <b>.3989127</b> | <b>.6590781</b> | <b>.1900906</b> | <b>.8288715</b> | <b>5.548380</b> |
| Stddev | .124580         | .0075152        | .0007238        | .0047704        | .0013055        | .0061751        | .036123         |
| %RSD   | 1.393249        | 2.486230        | .1814369        | .7238035        | .6867904        | .7450069        | .6510579        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.998441 | .2997983 | .3995088 | .6557802 | .1909752 | .8217411 | 5.546665 |
| #2 | 8.798825 | .3107114 | .3981073 | .6569062 | .1907055 | .8324653 | 5.513145 |
| #3 | 9.027766 | .2963043 | .3991219 | .6645481 | .1885912 | .8324080 | 5.585330 |

Sample Name: PB168415BS      Acquired: 6/11/2025 18:52:28      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>F -.004891</b> | <b>.1669547</b> | <b>.1918904</b> |
| Stddev | .001663           | .0018712        | .0022145        |
| %RSD   | 33.99263          | 1.120780        | 1.154021        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004079</b> | <b>.1673173</b> | <b>.1942154</b> |
| #2 | <b>-.003791</b> | <b>.1649287</b> | <b>.1898061</b> |
| #3 | <b>-.006804</b> | <b>.1686180</b> | <b>.1916497</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2990.271</b> | <b>69811.07</b> | <b>14661.68</b> | <b>2145.042</b> | <b>4266.198</b> |
| Stddev    | 22.849          | 79.39           | 304.53          | 3.669           | 22.354          |
| %RSD      | .7640978        | .1137276        | 2.077053        | .1710630        | .5239813        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2971.546</b> | <b>69899.86</b> | <b>14714.49</b> | <b>2148.869</b> | <b>4248.563</b> |
| #2 | <b>2983.538</b> | <b>69746.89</b> | <b>14334.20</b> | <b>2141.554</b> | <b>4258.692</b> |
| #3 | <b>3015.730</b> | <b>69786.47</b> | <b>14936.35</b> | <b>2144.704</b> | <b>4291.340</b> |

Sample Name: Q2273-01      Acquired: 6/11/2025 18:56:27      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0900271</b> | <b>-.027215</b> | <b>3.457283</b> | <b>.0520253</b> | <b>.0563985</b> | <b>170.6651</b> | <b>2.605335</b> |
| Stddev | .0057063        | .002907         | .098548         | .0041204        | .0022336        | .4715           | .013902         |
| %RSD   | 6.338425        | 10.68131        | 2.850433        | 7.919925        | 3.960436        | .2762812        | .5335978        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0860929 | -.027345 | 3.402451 | .0520484 | .0584796 | 170.2294 | 2.604839 |
| #2 | .0965717 | -.030055 | 3.571052 | .0561341 | .0566774 | 170.6001 | 2.591687 |
| #3 | .0874168 | -.024246 | 3.398347 | .0478935 | .0540385 | 171.1657 | 2.619477 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0135695</b> | <b>.0352084</b> | <b>191.3352</b> | <b>.2649209</b> | <b>.0987092</b> | <b>1.080738</b> | <b>397.6737</b> |
| Stddev | .0003000        | .0005856        | 4.0231          | .0002060        | .0020964        | .009735         | 1.3208          |
| %RSD   | 2.210808        | 1.663259        | 2.102621        | .0777733        | 2.123779        | .9007854        | .3321304        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0133085 | .0348723 | 189.3704 | .2651044 | .0973789 | 1.072134 | 397.9753 |
| #2 | .0138972 | .0358846 | 195.9631 | .2646980 | .1011258 | 1.091305 | 398.8176 |
| #3 | .0135027 | .0348683 | 188.6721 | .2649604 | .0976229 | 1.078774 | 396.2282 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.48784</b> | <b>13.29399</b> | <b>.4839934</b> | <b>-.005624</b> | <b>19.52100</b> | <b>.3433553</b> | <b>2.482265</b> |
| Stddev | .23567          | .35951          | .0109350        | .000743         | .16854          | .0042807        | .019564         |
| %RSD   | 1.747279        | 2.704289        | 2.259319        | 13.21181        | .8633951        | 1.246740        | .7881378        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.38007 | 13.13717 | .4775225 | -.005485 | 19.59066 | .3416582 | 2.504736 |
| #2 | 13.75813 | 13.70526 | .4966187 | -.004960 | 19.32880 | .3482244 | 2.469019 |
| #3 | 13.32533 | 13.03952 | .4778390 | -.006427 | 19.64355 | .3401833 | 2.473040 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.28884</b> | <b>1.024734</b> | <b>.0349497</b> | <b>.3662149</b> | <b>8.489267</b> | <b>6.474092</b> | <b>3.380452</b> |
| Stddev | .06793          | .003016         | .0002604        | .0117734        | .049809         | .063424         | .087419         |
| %RSD   | .6602029        | .2943021        | .7451200        | 3.214880        | .5867257        | .9796577        | 2.586003        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.35231 | 1.023831 | .0346873 | .3600893 | 8.453856 | 6.500744 | 3.335486 |
| #2 | 10.21719 | 1.028099 | .0352081 | .3797882 | 8.546221 | 6.519840 | 3.481201 |
| #3 | 10.29703 | 1.022274 | .0349538 | .3587672 | 8.467723 | 6.401691 | 3.324669 |

Sample Name: Q2273-01      Acquired: 6/11/2025 18:56:27      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>6.500518</b> | <b>.3065233</b> | <b>.1286241</b> |
| Stddev | .180012         | .0006512        | .0031797        |
| %RSD   | 2.769190        | .2124455        | 2.472064        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>6.402231</b> | <b>.3061221</b> | <b>.1272605</b> |
| #2 | <b>6.708278</b> | <b>.3061732</b> | <b>.1263536</b> |
| #3 | <b>6.391046</b> | <b>.3072747</b> | <b>.1322581</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2830.095</b> | <b>70397.96</b> | <b>15420.36</b> | <b>2061.296</b> | <b>3454.634</b> |
| Stddev    | 37.504          | 56.57           | 74.99           | 16.011          | 9.083           |
| %RSD      | 1.325180        | .0803589        | .4862788        | .7767613        | .2629340        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2810.560</b> | <b>70332.64</b> | <b>15475.30</b> | <b>2044.340</b> | <b>3450.247</b> |
| #2 | <b>2873.334</b> | <b>70431.12</b> | <b>15334.93</b> | <b>2076.157</b> | <b>3465.078</b> |
| #3 | <b>2806.391</b> | <b>70430.12</b> | <b>15450.85</b> | <b>2063.389</b> | <b>3448.575</b> |

Sample Name: Q2280-01      Acquired: 6/11/2025 19:00:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0972213</b> | <b>-.025497</b> | <b>1.225235</b> | <b>.0441727</b> | <b>.0048161</b> | <b>191.4476</b> | <b>2.691695</b> |
| Stddev | .0042352        | .004364         | .003382         | .0042567        | .0028386        | 2.1186          | .027357         |
| %RSD   | 4.356288        | 17.11710        | .2760560        | 9.636590        | 58.94092        | 1.106596        | 1.016360        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0982074 | -.020457 | 1.223055 | .0406467 | .0074873 | 190.8859 | 2.705525 |
| #2 | .0925800 | -.027991 | 1.223519 | .0489014 | .0051256 | 189.6665 | 2.709377 |
| #3 | .1008766 | -.028042 | 1.229131 | .0429700 | .0018354 | 193.7904 | 2.660184 |

| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0205449</b> | <b>.0764054</b> | <b>217.9116</b> | <b>.3517116</b> | <b>.3324966</b> | <b>1.823718</b> | <b>474.6318</b> |
| Stddev | .0002278        | .0004999        | 6.4569          | .0017645        | .0008420        | .001291         | .1560           |
| %RSD   | 1.108968        | .6542317        | 2.963093        | .5016765        | .2532437        | .0708165        | .0328766        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203305 | .0759127 | 214.1405 | .3499932 | .3316560 | 1.825144 | 474.5251 |
| #2 | .0205199 | .0769121 | 214.2270 | .3516228 | .3333400 | 1.823385 | 474.5594 |
| #3 | .0207842 | .0763913 | 225.3672 | .3535188 | .3324938 | 1.822626 | 474.8109 |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.37475</b> | <b>120.7226</b> | <b>.6948612</b> | <b>-.013826</b> | <b>5.235651</b> | <b>.5336164</b> | <b>1.776270</b> |
| Stddev | .25427          | 5.3719          | .0022649        | .001010         | .094926         | .0083782        | .002461         |
| %RSD   | 1.383805        | 4.449751        | .3259565        | 7.308845        | 1.813075        | 1.570086        | .1385256        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.20230 | 117.5032 | .6926765 | -.012715 | 5.284662 | .5290212 | 1.775937 |
| #2 | 18.25519 | 117.7406 | .6971987 | -.014070 | 5.296054 | .5285412 | 1.773992 |
| #3 | 18.66677 | 126.9240 | .6947084 | -.014692 | 5.126237 | .5432868 | 1.778879 |

| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>37.55093</b> | <b>1.095923</b> | <b>.0052048</b> | <b>.6179154</b> | <b>5.560008</b> | <b>8.688523</b> | <b>14.94890</b> |
| Stddev | .45499          | .003530         | .0001985        | .0041269        | .014615         | .087285         | .08813          |
| %RSD   | 1.211672        | .3221038        | 3.814424        | .6678821        | .2628555        | 1.004596        | .5895453        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 37.77557 | 1.096752 | .0054164 | .6131677 | 5.553032 | 8.719141 | 14.88056 |
| #2 | 37.84991 | 1.098966 | .0051755 | .6199344 | 5.550189 | 8.590054 | 15.04837 |
| #3 | 37.02730 | 1.092053 | .0050226 | .6206442 | 5.576804 | 8.756373 | 14.91776 |

Sample Name: Q2280-01      Acquired: 6/11/2025 19:00:38      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>2.494489</b> | <b>1.094642</b> | <b>.1345413</b> |
| Stddev | .022385         | .018057         | .0043005        |
| %RSD   | .8973743        | 1.649607        | 3.196423        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.486467 | 1.102747 | .1362096 |
| #2 | 2.519780 | 1.107226 | .1377578 |
| #3 | 2.477221 | 1.073952 | .1296566 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3345.786</b> | <b>84789.56</b> | <b>19387.19</b> | <b>2434.439</b> | <b>3275.097</b> |
| Stddev    | 8.293           | 83.22           | 232.84          | 6.160           | 8.952           |
| %RSD      | .2478750        | .0981482        | 1.200979        | .2530463        | .2733342        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3341.693 | 84843.03 | 19526.11 | 2427.388 | 3278.571 |
| #2 | 3355.330 | 84693.68 | 19517.06 | 2437.152 | 3281.791 |
| #3 | 3340.335 | 84831.97 | 19118.38 | 2438.778 | 3264.929 |

Sample Name: Q2283-01      Acquired: 6/11/2025 19:05:06      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.1173502</b> | <b>-.002720</b> | <b>1.172454</b> | <b>.0378709</b> | <b>-.003244</b> | <b>91.29806</b> | <b>.4723647</b> |
| Stddev | .0033062        | .002138         | .002143         | .0020244        | .003639         | .13216          | .0019872        |
| %RSD   | 2.817356        | 78.61436        | .1827703        | 5.345633        | 112.1837        | .1447602        | .4206992        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1201743 | -.000273 | 1.169992 | .0398894 | .000958  | 91.36987 | .4718100 |
| #2 | .1181629 | -.003660 | 1.173897 | .0378827 | -.005342 | 91.14553 | .4707137 |
| #3 | .1137135 | -.004227 | 1.173473 | .0358405 | -.005347 | 91.37877 | .4745703 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0079493</b> | <b>.0187933</b> | <b>120.9181</b> | <b>.1803462</b> | <b>.0805690</b> | <b>.4251288</b> | <b>265.8299</b> |
| Stddev | .0001419        | .0005735        | .3062           | .0030194        | .0002297        | .0007317        | 2.8321          |
| %RSD   | 1.784870        | 3.051794        | .2532667        | 1.674205        | .2851401        | .1721021        | 1.065399        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078225 | .0189602 | 120.9232 | .1785184 | .0804219 | .4250134 | 266.8598 |
| #2 | .0081026 | .0192649 | 120.6093 | .1838313 | .0804514 | .4259113 | 262.6269 |
| #3 | .0079230 | .0181548 | 121.2217 | .1786890 | .0808337 | .4244617 | 268.0030 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.851741</b> | <b>21.90375</b> | <b>.1418400</b> | <b>-.006049</b> | <b>9.281622</b> | <b>.3022796</b> | <b>1.219446</b> |
| Stddev | .005486         | .02515          | .0005210        | .000893         | .120450         | .0011787        | .005598         |
| %RSD   | .1923713        | .1148199        | .3673241        | 14.75558        | 1.297727        | .3899279        | .4590950        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.851780 | 21.88870 | .1418783 | -.005611 | 9.300222 | .3036352 | 1.225859 |
| #2 | 2.846236 | 21.93278 | .1423407 | -.007076 | 9.152953 | .3017064 | 1.216939 |
| #3 | 2.857208 | 21.88977 | .1413008 | -.005460 | 9.391690 | .3014971 | 1.215539 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.038733</b> | <b>.5785742</b> | <b>.0042588</b> | <b>.0426049</b> | <b>1.338567</b> | <b>7.429601</b> | <b>5.727354</b> |
| Stddev | .079333         | .0104661        | .0001822        | .0003122        | .006273         | .058532         | .015141         |
| %RSD   | 1.127091        | 1.808950        | 4.279159        | .7327008        | .4686338        | .7878157        | .2643706        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.085862 | .5832824 | .0043400 | .0422540 | 1.331367 | 7.373525 | 5.731459 |
| #2 | 6.947140 | .5665808 | .0040501 | .0427091 | 1.341478 | 7.424965 | 5.710583 |
| #3 | 7.083196 | .5858592 | .0043863 | .0428517 | 1.342854 | 7.490312 | 5.740019 |

Sample Name: Q2283-01      Acquired: 6/11/2025 19:05:06      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.291394</b> | <b>.2187957</b> | <b>.2041505</b> |
| Stddev | .002935         | .0019545        | .0012465        |
| %RSD   | .0684006        | .8933076        | .6105919        |
| #1     | 4.288814        | .2170974        | .2035233        |
| #2     | 4.290780        | .2183574        | .2055861        |
| #3     | 4.294588        | .2209321        | .2033422        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2999.923</b> | <b>73495.95</b> | <b>16301.69</b> | <b>2209.076</b> | <b>3703.369</b> |
| Stddev    | 10.158          | 731.13          | 30.74           | 50.233          | 9.773           |
| %RSD      | .3385979        | .9947914        | .1885728        | 2.273927        | .2638929        |
| #1        | 2990.796        | 73116.96        | 16295.81        | 2175.136        | 3697.468        |
| #2        | 2998.107        | 74338.77        | 16334.94        | 2266.782        | 3697.990        |
| #3        | 3010.866        | 73032.13        | 16274.31        | 2185.311        | 3714.650        |

Sample Name: CCV05      Acquired: 6/11/2025 19:09:10      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.814911</b> | <b>4.648768</b> | <b>4.838770</b> | <b>4.842522</b> | <b>4.856827</b> | <b>9.747449</b> | <b>9.924403</b> |
| Stddev | .015815         | .027394         | .043672         | .017125         | .036672         | .009275         | .107781         |
| %RSD   | .3284505        | .5892638        | .9025417        | .3536350        | .7550590        | .0951561        | 1.086021        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.798479 | 4.646099 | 4.889126 | 4.822756 | 4.814732 | 9.756756 | 10.04440 |
| #2 | 4.830025 | 4.677399 | 4.811255 | 4.851917 | 4.873894 | 9.747386 | 9.89298  |
| #3 | 4.816229 | 4.622807 | 4.815931 | 4.852893 | 4.881854 | 9.738206 | 9.83583  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2356850</b> | <b>2.397612</b> | <b>24.44075</b> | <b>.9497640</b> | <b>2.421991</b> | <b>1.217972</b> | <b>5.001065</b> |
| Stddev | .0033665        | .026101         | .83197          | .0052898        | .017698         | .005886         | .095812         |
| %RSD   | 1.428393        | 1.088620        | 3.404035        | .5569578        | .7307109        | .4832845        | 1.915824        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2394585 | 2.427728 | 25.40137 | .9544507 | 2.442409 | 1.211289 | 5.111688 |
| #2 | .2329897 | 2.381559 | 23.95084 | .9440283 | 2.411056 | 1.220245 | 4.947119 |
| #3 | .2346068 | 2.383547 | 23.97005 | .9508129 | 2.412508 | 1.222383 | 4.944389 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.435905</b> | <b>24.55704</b> | <b>2.418813</b> | <b>1.212037</b> | <b>23.96400</b> | <b>2.443015</b> | <b>2.462241</b> |
| Stddev | .060021         | 1.30461         | .018329         | .001667         | .46112          | .037765         | .006132         |
| %RSD   | 2.464016        | 5.312570        | .7577864        | .1375624        | 1.924236        | 1.545832        | .2490379        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.505209 | 26.06297 | 2.439923 | 1.213454 | 23.43284 | 2.486597 | 2.459137 |
| #2 | 2.400770 | 23.77052 | 2.406933 | 1.210200 | 24.26186 | 2.419937 | 2.458282 |
| #3 | 2.401735 | 23.83763 | 2.409583 | 1.212458 | 24.19728 | 2.422511 | 2.469304 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.13198</b> | <b>4.712948</b> | <b>4.916506</b> | <b>4.777460</b> | <b>4.869959</b> | <b>5.095000</b> | <b>4.826908</b> |
| Stddev | .25748          | .068119         | .020863         | .046663         | .028109         | .017175         | .028171         |
| %RSD   | 1.066947        | 1.445353        | .4243561        | .9767410        | .5772019        | .3370944        | .5836220        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.83558 | 4.790504 | 4.892427 | 4.830981 | 4.902408 | 5.113643 | 4.851221 |
| #2 | 24.30032 | 4.662815 | 4.927889 | 4.756090 | 4.853074 | 5.079822 | 4.833467 |
| #3 | 24.26004 | 4.685525 | 4.929201 | 4.745308 | 4.854396 | 5.091533 | 4.796036 |

Sample Name: CCV05      Acquired: 6/11/2025 19:09:10      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 4.651487 | 4.640697 | 4.971937 |
| Stddev | .036149  | .105314  | .066887  |
| %RSD   | .7771530 | 2.269354 | 1.345291 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.690410 | 4.519109 | 5.049171 |
| #2 | 4.645085 | 4.703274 | 4.933073 |
| #3 | 4.618967 | 4.699710 | 4.933567 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2866.150 | 67122.41 | 14933.71 | 2039.479 | 3896.771 |
| Stddev    | 51.669   | 69.75    | 222.03   | 7.689    | 38.093   |
| %RSD      | 1.802724 | .1039118 | 1.486767 | .3770162 | .9775566 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2925.804 | 67041.93 | 14677.49 | 2048.256 | 3940.755 |
| #2 | 2837.146 | 67165.47 | 15069.57 | 2033.930 | 3874.409 |
| #3 | 2835.499 | 67159.81 | 15054.08 | 2036.251 | 3875.148 |

Sample Name: CCB05      Acquired: 6/11/2025 19:14:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003949</b> | <b>-.002890</b> | <b>-.002776</b> | <b>-.003236</b> | <b>-.003769</b> | <b>-.003084</b> | <b>-.011477</b> |
| Stddev | .000997         | .000944         | .000719         | .001012         | .001965         | .002291         | .004011         |
| %RSD   | 25.24488        | 32.66128        | 25.88838        | 31.28643        | 52.14342        | 74.30301        | 34.94774        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004274</b> | <b>-.003084</b> | <b>-.003467</b> | <b>-.002081</b> | <b>-.003842</b> | <b>-.001437</b> | <b>-.013671</b> |
| #2 | <b>-.002830</b> | <b>-.003723</b> | <b>-.002829</b> | <b>-.003660</b> | <b>-.005697</b> | <b>-.005701</b> | <b>-.006848</b> |
| #3 | <b>-.004743</b> | <b>-.001865</b> | <b>-.002032</b> | <b>-.003968</b> | <b>-.001768</b> | <b>-.002114</b> | <b>-.013912</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000197</b> | <b>-.001537</b> | <b>-.030885</b> | <b>-.000805</b> | <b>-.001623</b> | <b>-.000860</b> | <b>-.001339</b> |
| Stddev | .000039         | .000116         | .004025         | .000383         | .000084         | .000077         | .001300         |
| %RSD   | 19.59803        | 7.568267        | 13.03274        | 47.64394        | 5.175096        | 8.993665        | 97.07529        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000189</b> | <b>-.001446</b> | <b>-.034243</b> | <b>-.000374</b> | <b>-.001530</b> | <b>-.000771</b> | <b>.000162</b>  |
| #2 | <b>-.000239</b> | <b>-.001498</b> | <b>-.031990</b> | <b>-.001109</b> | <b>-.001694</b> | <b>-.000907</b> | <b>-.002104</b> |
| #3 | <b>-.000163</b> | <b>-.001668</b> | <b>-.026423</b> | <b>-.000931</b> | <b>-.001644</b> | <b>-.000902</b> | <b>-.002076</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001886</b> | <b>-.040769</b> | <b>-.001997</b> | <b>-.000304</b> | <b>-.025258</b> | <b>-.002186</b> | <b>-.000958</b> |
| Stddev | .000144         | .020034         | .000441         | .000256         | .012682         | .000405         | .000194         |
| %RSD   | 7.625405        | 49.14011        | 22.07248        | 84.10256        | 50.21138        | 18.51025        | 20.27007        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001876</b> | <b>-.058225</b> | <b>-.001493</b> | <b>-.000469</b> | <b>-.019910</b> | <b>-.001973</b> | <b>-.000759</b> |
| #2 | <b>-.001747</b> | <b>-.045187</b> | <b>-.002311</b> | <b>-.000009</b> | <b>-.039739</b> | <b>-.002653</b> | <b>-.000968</b> |
| #3 | <b>-.002034</b> | <b>-.018895</b> | <b>-.002188</b> | <b>-.000435</b> | <b>-.016126</b> | <b>-.001933</b> | <b>-.001147</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0160085</b> | <b>.0012538</b> | <b>-.002926</b> | <b>-.005613</b> | <b>-.002720</b> | <b>-.006127</b> | <b>-.004325</b> |
| Stddev | .0291866        | .0002008        | .000047         | .001114         | .000188         | .005027         | .001125         |
| %RSD   | 182.3195        | 16.01721        | 1.620677        | 19.85320        | 6.908104        | 82.05540        | 26.01866        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0391805</b> | <b>.0014856</b> | <b>-.002964</b> | <b>-.005566</b> | <b>-.002598</b> | <b>-.000712</b> | <b>-.004730</b> |
| #2 | <b>-.016771</b> | <b>.0011446</b> | <b>-.002941</b> | <b>-.004523</b> | <b>-.002627</b> | <b>-.010646</b> | <b>-.003053</b> |
| #3 | <b>.025616</b>  | <b>.0011313</b> | <b>-.002873</b> | <b>-.006750</b> | <b>-.002937</b> | <b>-.007022</b> | <b>-.005191</b> |

Sample Name: CCB05      Acquired: 6/11/2025 19:14:47      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003860</b> | <b>-.003618</b> | <b>-.003182</b> |
| Stddev | .000604         | .001983         | .000021         |
| %RSD   | 15.65294        | 54.81374        | .6716880        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.004513</b> | <b>-.002119</b> | <b>-.003159</b> |
| #2 | <b>-.003320</b> | <b>-.005866</b> | <b>-.003202</b> |
| #3 | <b>-.003749</b> | <b>-.002868</b> | <b>-.003185</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2955.958</b> | <b>71058.62</b> | <b>15423.76</b> | <b>2156.589</b> | <b>4284.849</b> |
| Stddev    | 19.144          | 128.76          | 239.42          | 4.472           | 17.403          |
| %RSD      | .6476533        | .1812090        | 1.552278        | .2073448        | .4061501        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2976.985</b> | <b>70914.19</b> | <b>15580.54</b> | <b>2154.679</b> | <b>4304.851</b> |
| #2 | <b>2951.355</b> | <b>71100.23</b> | <b>15148.17</b> | <b>2153.389</b> | <b>4276.520</b> |
| #3 | <b>2939.535</b> | <b>71161.43</b> | <b>15542.58</b> | <b>2161.698</b> | <b>4273.175</b> |

Sample Name: Q2280-03      Acquired: 6/11/2025 19:19:07      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0981888 | -.016736 | .6125003 | .0631850 | -.004174 | 194.8106 |
| Stddev | .0013870 | .001439  | .0060639 | .0045832 | .002429  | .3194    |
| %RSD   | 1.412560 | 8.597186 | .9900276 | 7.253597 | 58.20906 | .1639657 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0965882 | -.016087 | .6085662 | .0586494 | -.005319 | 194.8899 |
| #2 | .0989412 | -.015736 | .6194837 | .0678144 | -.005818 | 194.4590 |
| #3 | .0990370 | -.018385 | .6094511 | .0630913 | -.001383 | 195.0829 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.973220 | .0193853 | .0488445 | 85.18850 | .3034674 | .2973184 |
| Stddev | .006017  | .0002049 | .0010082 | .10565   | .0005108 | .0012413 |
| %RSD   | .3049096 | 1.056913 | 2.064097 | .1240219 | .1683281 | .4175099 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.979529 | .0195625 | .0490892 | 85.09002 | .3039982 | .2960792 |
| #2 | 1.967547 | .0194325 | .0477365 | 85.17537 | .3034249 | .2985618 |
| #3 | 1.972584 | .0191610 | .0497079 | 85.30010 | .3029792 | .2973142 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2669732 | 460.0190 | 15.77880 | 105.7610 | .5639726 | -.003949 |
| Stddev | .0032127 | 2.6930   | .20949   | .2365    | .0038485 | .000651  |
| %RSD   | 1.203399 | .5854185 | 1.327666 | .2236297 | .6823849 | 16.48608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2687658 | 458.1376 | 15.60770 | 105.5064 | .5606163 | -.004483 |
| #2 | .2632641 | 463.1039 | 16.01244 | 105.9740 | .5681730 | -.003224 |
| #3 | .2688897 | 458.8155 | 15.71625 | 105.8025 | .5631283 | -.004140 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.024614 | .4406181 | 2.554687 | 34.31824 | 1.082467 | .0030792 |
| Stddev | .010618  | .0021235 | .008609  | .02671   | .007663  | .0000789 |
| %RSD   | .2113126 | .4819424 | .3369786 | .0778164 | .7078944 | 2.560818 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.024464 | .4381774 | 2.547381 | 34.33578 | 1.077264 | .0029909 |
| #2 | 5.014072 | .4420427 | 2.564177 | 34.28750 | 1.091267 | .0031424 |
| #3 | 5.035306 | .4416342 | 2.552503 | 34.33142 | 1.078872 | .0031044 |

Sample Name: Q2280-03      Acquired: 6/11/2025 19:19:07      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0294824 | 4.577485 | F 14.20083 | 11.42730 | 1.774277 | .9761356 |
| Stddev | .0012640 | .016392  | .08862     | .04864   | .009353  | .0037231 |
| %RSD   | 4.287132 | .3581063 | .6240643   | .4256143 | .5271683 | .3814087 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0307852 | 4.582489 | 14.23322 | 11.38192 | 1.767711 | .9804003 |
| #2 | .0294009 | 4.559174 | 14.10057 | 11.47865 | 1.784987 | .9735338 |
| #3 | .0282612 | 4.590792 | 14.26870 | 11.42134 | 1.770133 | .9744727 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.066609 |
| Stddev | .003588  |
| %RSD   | 5.386305 |

|    |          |
|----|----------|
| #1 | -.063980 |
| #2 | -.070696 |
| #3 | -.065150 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3240.802 | 78966.30 | 19024.08 | 2312.213 | 3454.743 |
| Stddev    | 63.418   | 132.87   | 35.81    | 11.355   | 45.379   |
| %RSD      | 1.956857 | .1682560 | .1882202 | .4910939 | 1.313538 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3208.647 | 79116.43 | 19062.71 | 2321.173 | 3433.793 |
| #2 | 3313.857 | 78918.58 | 19017.52 | 2299.443 | 3506.813 |
| #3 | 3199.903 | 78863.88 | 18992.00 | 2316.023 | 3423.624 |

Sample Name: Q2280-03DUP      Acquired: 6/11/2025 19:23:36      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.1002819</b> | <b>-.016584</b> | <b>.7559863</b> | <b>.0627736</b> | <b>-.005464</b> | <b>213.9309</b> | <b>1.833647</b> |
| Stddev | .0007324        | .001097         | .0088378        | .0008640        | .003295         | 4.4378          | .046158         |
| %RSD   | .7303635        | 6.614662        | 1.169046        | 1.376431        | 60.30570        | 2.074387        | 2.517269        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1000764 | -.017330 | .7507445 | .0625997 | -.001660 | 211.6351 | 1.805325 |
| #2 | .0996742 | -.015324 | .7661901 | .0637114 | -.007415 | 219.0462 | 1.886910 |
| #3 | .1010951 | -.017098 | .7510243 | .0620098 | -.007317 | 211.1113 | 1.808706 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0201354</b> | <b>.0563604</b> | <b>123.3672</b> | <b>.3234878</b> | <b>.3124412</b> | <b>.2469641</b> | <b>475.8555</b> |
| Stddev | .0004468        | .0008269        | 3.9954          | .0017879        | .0022158        | .0013089        | 1.3731          |
| %RSD   | 2.218841        | 1.467234        | 3.238648        | .5526884        | .7091838        | .5300096        | .2885594        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0200045 | .0565891 | 120.7418 | .3214258 | .3113702 | .2484755 | 474.4518 |
| #2 | .0206330 | .0554432 | 127.9653 | .3246064 | .3149890 | .2462048 | 477.1959 |
| #3 | .0197687 | .0570490 | 121.3945 | .3244313 | .3109644 | .2462120 | 475.9187 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.53728</b> | <b>117.4209</b> | <b>.6019717</b> | <b>-.006552</b> | <b>5.127228</b> | <b>.4709903</b> | <b>2.686366</b> |
| Stddev | .48747          | 3.8365          | .0059386        | .000895         | .010595         | .0120752        | .008118         |
| %RSD   | 3.353207        | 3.267288        | .9865203        | 13.65779        | .2066448        | 2.563792        | .3021752        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.31392 | 115.0721 | .5985752 | -.007190 | 5.139238 | .4619180 | 2.692782 |
| #2 | 15.09640 | 121.8481 | .6088289 | -.005529 | 5.123242 | .4846960 | 2.677240 |
| #3 | 14.20152 | 115.3423 | .5985111 | -.006937 | 5.119204 | .4663569 | 2.689077 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>36.68882</b> | <b>1.111212</b> | <b>.0034975</b> | <b>.0290307</b> | <b>4.845019</b> | <b>12.33928</b> | <b>12.23961</b> |
| Stddev | .08394          | .005150         | .0001897        | .0008868        | .130443         | .36980          | .11152          |
| %RSD   | .2287945        | .4634445        | 5.424184        | 3.054801        | 2.692316        | 2.996954        | .9111112        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 36.69517 | 1.109265 | .0036576 | .0280238 | 4.770342 | 12.66148 | 12.14118 |
| #2 | 36.76941 | 1.107319 | .0035470 | .0293726 | 4.995640 | 12.42086 | 12.36073 |
| #3 | 36.60189 | 1.117051 | .0032880 | .0296957 | 4.769075 | 11.93550 | 12.21693 |

Sample Name: Q2280-03DUP      Acquired: 6/11/2025 19:23:36      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 1.979506 | 1.074440 | -.058139 |
| Stddev | .020120  | .020477  | .008904  |
| %RSD   | 1.016434 | 1.905798 | 15.31530 |
| #1     | 1.963921 | 1.060588 | -.063458 |
| #2     | 2.002220 | 1.097960 | -.047859 |
| #3     | 1.972377 | 1.064770 | -.063100 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3274.649 | 80574.61 | 19025.38 | 2344.050 | 3421.595 |
| Stddev    | 65.043   | 148.51   | 405.03   | 14.083   | 42.454   |
| %RSD      | 1.986247 | .1843159 | 2.128917 | .6007844 | 1.240757 |
| #1        | 3231.703 | 80403.84 | 19279.63 | 2328.288 | 3395.003 |
| #2        | 3349.482 | 80673.51 | 18558.29 | 2355.393 | 3470.556 |
| #3        | 3242.761 | 80646.50 | 19238.20 | 2348.470 | 3399.227 |

Sample Name: Q2280-03LX5      Acquired: 6/11/2025 19:28:00      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0171747</b> | <b>-.006679</b> | <b>.1204519</b> | <b>.0142565</b> | <b>-.003937</b> | <b>42.97696</b> | <b>.4229384</b> |
| Stddev | .0002241        | .001089         | .0019745        | .0012858        | .001064         | .05398          | .0008664        |
| %RSD   | 1.304798        | 16.30216        | 1.639235        | 9.018826        | 27.01153        | .1255992        | .2048465        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0173635 | -.006010 | .1196201 | .0155817 | -.002711 | 43.02916 | .4237652 |
| #2 | .0169270 | -.006091 | .1190294 | .0141735 | -.004611 | 42.98035 | .4230126 |
| #3 | .0172335 | -.007935 | .1227062 | .0130142 | -.004490 | 42.92136 | .4220372 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0047828</b> | <b>.0031032</b> | <b>19.60069</b> | <b>.0724805</b> | <b>.0559011</b> | <b>.0660889</b> | <b>104.0637</b> |
| Stddev | .0000916        | .0000380        | .05373          | .0007091        | .0003792        | .0009313        | .1432           |
| %RSD   | 1.914431        | 1.224747        | .2741337        | .9783060        | .6783630        | 1.409080        | .1376049        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046818 | .0031406 | 19.65337 | .0732798 | .0557848 | .0671438 | 104.0975 |
| #2 | .0048604 | .0030646 | 19.60274 | .0722345 | .0563249 | .0653809 | 103.9066 |
| #3 | .0048063 | .0031043 | 19.54597 | .0719271 | .0555937 | .0657420 | 104.1869 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.807338</b> | <b>24.35309</b> | <b>.1095714</b> | <b>-.001863</b> | <b>.9581687</b> | <b>.1016602</b> | <b>.5857903</b> |
| Stddev | .004787         | .06096          | .0007598        | .000289         | .0061330        | .0012969        | .0015491        |
| %RSD   | .1257280        | .2503034        | .6934103        | 15.49034        | .6400790        | 1.275699        | .2644400        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.803832 | 24.42164 | .1089278 | -.001958 | .9605227 | .1004596 | .5875094 |
| #2 | 3.812792 | 24.33264 | .1104096 | -.001539 | .9627760 | .1030356 | .5845029 |
| #3 | 3.805391 | 24.30498 | .1093769 | -.002093 | .9512074 | .1014854 | .5853584 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>6.458082</b> | <b>.2406832</b> | <b>-.002045</b> | <b>.0022643</b> | <b>1.036580</b> | <b>2.517606</b> | <b>2.186403</b> |
| Stddev | .013459         | .0012604        | .000363         | .0003254        | .005619         | .013927         | .005465         |
| %RSD   | .2084091        | .5236818        | 17.75367        | 14.37256        | .5420737        | .5531730        | .2499675        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.471601 | .2397382 | -.002461 | .0024393 | 1.035278 | 2.502544 | 2.188914 |
| #2 | 6.444683 | .2401971 | -.001883 | .0024648 | 1.031726 | 2.520259 | 2.180133 |
| #3 | 6.457962 | .2421143 | -.001791 | .0018888 | 1.042736 | 2.530015 | 2.190161 |

Sample Name: Q2280-03LX5      Acquired: 6/11/2025 19:28:00      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .3217909 | .2014585 | -.018784 |
| Stddev | .0036437 | .0019582 | .000165  |
| %RSD   | 1.132313 | .9719874 | .8767419 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3256885 | .1999785 | -.018665 |
| #2 | .3212146 | .2007182 | -.018716 |
| #3 | .3184698 | .2036789 | -.018972 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3044.094 | 72366.67 | 15687.34 | 2200.256 | 3988.275 |
| Stddev    | 8.298    | 302.68   | 23.34    | 18.236   | 4.347    |
| %RSD      | .2725918 | .4182585 | .1488092 | .8288102 | .1089884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3041.904 | 72056.17 | 15661.51 | 2180.371 | 3986.726 |
| #2 | 3053.267 | 72660.86 | 15693.59 | 2216.198 | 3993.184 |
| #3 | 3037.110 | 72382.99 | 15706.93 | 2204.198 | 3984.916 |

Sample Name: Q2280-03MS      Acquired: 6/11/2025 19:32:11      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7071210</b> | <b>1.624252</b> | <b>1.584317</b> | <b>1.427734</b> | <b>.3360354</b> | <b>241.1095</b> | <b>2.163165</b> |
| Stddev | .0046945        | .021411         | .032047         | .005431         | .0092289        | 1.0277          | .015731         |
| %RSD   | .6638885        | 1.318188        | 2.022785        | .3803803        | 2.746423        | .4262475        | .7272025        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7029016 | 1.603423 | 1.566038 | 1.423260 | .3448660 | 240.1270 | 2.181083 |
| #2 | .7121779 | 1.623134 | 1.565592 | 1.426165 | .3367861 | 242.1772 | 2.151624 |
| #3 | .7062836 | 1.646201 | 1.621321 | 1.433776 | .3264540 | 241.0244 | 2.156788 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1756819</b> | <b>.2474181</b> | <b>72.55071</b> | <b>.6229690</b> | <b>.5367008</b> | <b>.5004450</b> | <b>452.5335</b> |
| Stddev | .0014735        | .0035592        | .18064          | .0024606        | .0073668        | .0018448        | 1.6869          |
| %RSD   | .8387102        | 1.438515        | .2489910        | .3949773        | 1.372601        | .3686396        | .3727707        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1773546 | .2453620 | 72.72873 | .6244494 | .5325141 | .4983444 | 450.7215 |
| #2 | .1751152 | .2453644 | 72.36755 | .6243289 | .5323815 | .5011889 | 452.8207 |
| #3 | .1745760 | .2515278 | 72.55586 | .6201286 | .5452069 | .5018018 | 454.0584 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>18.62149</b> | <b>120.6134</b> | <b>1.093208</b> | <b>.0420973</b> | <b>7.005577</b> | <b>.7100226</b> | <b>2.802844</b> |
| Stddev | .06287          | .1351           | .018832         | .0008259        | .035509         | .0010447        | .005873         |
| %RSD   | .3376172        | .1120224        | 1.722672        | 1.961904        | .5068700        | .1471366        | .2095435        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.65093 | 120.5438 | 1.083188 | .0411851 | 7.039543 | .7088934 | 2.804290 |
| #2 | 18.54930 | 120.5273 | 1.081504 | .0423126 | 6.968704 | .7109547 | 2.807859 |
| #3 | 18.66423 | 120.7691 | 1.114932 | .0427943 | 7.008485 | .7102197 | 2.796383 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>42.39743</b> | <b>1.175424</b> | <b>.3051973</b> | <b>.6232760</b> | <b>5.095560</b> | <b>12.01125</b> | <b>17.43695</b> |
| Stddev | .07422          | .004087         | .0010799        | .0113063        | .020861         | .29386          | .31597          |
| %RSD   | .1750683        | .3477155        | .3538265        | 1.814017        | .4093881        | 2.446549        | 1.812063        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 42.44347 | 1.171597 | .3052236 | .6160372 | 5.107525 | 11.78942 | 17.27334 |
| #2 | 42.31181 | 1.174945 | .3062637 | .6174861 | 5.071472 | 11.89980 | 17.23634 |
| #3 | 42.43702 | 1.179729 | .3041045 | .6363045 | 5.107682 | 12.34454 | 17.80117 |

Sample Name: Q2280-03MS      Acquired: 6/11/2025 19:32:11      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>1.888057</b> | <b>1.192971</b> | <b>.0555613</b> |
| Stddev | .038157         | .010628         | .0044334        |
| %RSD   | 2.020977        | .8908967        | 7.979262        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.863409</b> | <b>1.205060</b> | <b>.0606806</b> |
| #2 | <b>1.868754</b> | <b>1.185097</b> | <b>.0530118</b> |
| #3 | <b>1.932009</b> | <b>1.188756</b> | <b>.0529917</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3284.403</b> | <b>80192.27</b> | <b>17355.26</b> | <b>2349.255</b> | <b>3437.693</b> |
| Stddev    | 79.269          | 229.22          | 14.77           | 14.384          | 45.697          |
| %RSD      | 2.413502        | .2858347        | .0851012        | .6122675        | 1.329287        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3239.344</b> | <b>80456.91</b> | <b>17338.22</b> | <b>2365.825</b> | <b>3407.699</b> |
| #2 | <b>3237.933</b> | <b>80063.75</b> | <b>17363.26</b> | <b>2341.954</b> | <b>3415.095</b> |
| #3 | <b>3375.931</b> | <b>80056.15</b> | <b>17364.31</b> | <b>2339.986</b> | <b>3490.287</b> |

Sample Name: Q2280-03MSD      Acquired: 6/11/2025 19:36:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.6830540</b> | <b>1.593214</b> | <b>1.566291</b> | <b>1.377931</b> | <b>.3407785</b> | <b>233.3383</b> | <b>2.037999</b> |
| Stddev | .0032298        | .000945         | .022675         | .002582         | .0046212        | 1.5616          | .021568         |
| %RSD   | .4728428        | .0592985        | 1.447698        | .1873706        | 1.356076        | .6692309        | 1.058299        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6825883 | 1.593947 | 1.592343 | 1.376162 | .3355663 | 235.1319 | 2.062614 |
| #2 | .6864913 | 1.593546 | 1.551002 | 1.376737 | .3423947 | 232.2807 | 2.022409 |
| #3 | .6800823 | 1.592148 | 1.555527 | 1.380894 | .3443747 | 232.6024 | 2.028975 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1706455</b> | <b>.2418131</b> | <b>74.74741</b> | <b>.6142852</b> | <b>.5293603</b> | <b>.4758878</b> | <b>449.0094</b> |
| Stddev | .0015316        | .0022564        | .81078          | .0012077        | .0051043        | .0006395        | .1936           |
| %RSD   | .8975162        | .9331260        | 1.084691        | .1965998        | .9642447        | .1343801        | .0431221        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1723451 | .2443278 | 75.67567 | .6140640 | .5352341 | .4766253 | 448.8816 |
| #2 | .1693724 | .2399652 | 74.17785 | .6132034 | .5260018 | .4754884 | 449.2322 |
| #3 | .1702191 | .2411464 | 74.38871 | .6155882 | .5268448 | .4755496 | 448.9146 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>15.54122</b> | <b>124.1658</b> | <b>1.092460</b> | <b>.0419839</b> | <b>7.049196</b> | <b>.6752721</b> | <b>2.866086</b> |
| Stddev | .17593          | 1.3218          | .011447         | .0003616        | .043048         | .0067220        | .004955         |
| %RSD   | 1.132012        | 1.064541        | 1.047788        | .8613185        | .6106742        | .9954553        | .1728718        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.73935 | 125.6598 | 1.105577 | .0415694 | 7.098869 | .6827693 | 2.869692 |
| #2 | 15.40331 | 123.1485 | 1.084492 | .0422351 | 7.022780 | .6697828 | 2.860436 |
| #3 | 15.48100 | 123.6890 | 1.087311 | .0421470 | 7.025938 | .6732643 | 2.868128 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>43.45121</b> | <b>1.174782</b> | <b>.2985327</b> | <b>.6051587</b> | <b>5.044610</b> | <b>12.54818</b> | <b>16.86548</b> |
| Stddev | .11151          | .002549         | .0008446        | .0073434        | .046713         | .18646          | .16363          |
| %RSD   | .2566331        | .2169554        | .2829234        | 1.213473        | .9259952        | 1.485931        | .9702198        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 43.57132 | 1.172195 | .2975757 | .6133402 | 5.098507 | 12.73531 | 17.04210 |
| #2 | 43.35097 | 1.177290 | .2988486 | .5991384 | 5.019517 | 12.36240 | 16.71903 |
| #3 | 43.43134 | 1.174862 | .2991738 | .6029975 | 5.015806 | 12.54684 | 16.83531 |

Sample Name: Q2280-03MSD      Acquired: 6/11/2025 19:36:33      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 1.793455 | 1.207322 | .0672570 |
| Stddev | .019063  | .013192  | .0061054 |
| %RSD   | 1.062941 | 1.092637 | 9.077748 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.815459 | 1.222108 | .0742031 |
| #2 | 1.782979 | 1.196757 | .0627400 |
| #3 | 1.781926 | 1.203101 | .0648278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3286.305 | 80284.50 | 17507.39 | 2366.492 | 3413.162 |
| Stddev    | 67.215   | 97.40    | 171.25   | 7.394    | 44.002   |
| %RSD      | 2.045320 | .1213212 | .9781386 | .3124535 | 1.289184 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3363.910 | 80177.70 | 17314.09 | 2357.954 | 3463.691 |
| #2 | 3248.541 | 80368.44 | 17640.13 | 2370.747 | 3392.518 |
| #3 | 3246.465 | 80307.36 | 17567.95 | 2370.776 | 3383.278 |

Sample Name: Q2280-03A      Acquired: 6/11/2025 19:40:48      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.7045563</b> | <b>1.619472</b> | <b>1.444060</b> | <b>1.540195</b> | <b>.6215957</b> | <b>192.1078</b> | <b>2.075421</b> |
| Stddev | .0044254        | .023684         | .013496         | .006549         | .0059657        | 2.0075          | .020736         |
| %RSD   | .6281155        | 1.462454        | .9346113        | .4251776        | .9597362        | 1.044978        | .9991137        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7052344 | 1.632195 | 1.433917 | 1.545709 | .6284485 | 190.9428 | 2.089071 |
| #2 | .6998309 | 1.634075 | 1.459378 | 1.532957 | .6175621 | 190.9549 | 2.085632 |
| #3 | .7086035 | 1.592146 | 1.438886 | 1.541919 | .6187766 | 194.4259 | 2.051560 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1662879</b> | <b>.2293991</b> | <b>83.55632</b> | <b>.5782814</b> | <b>.4760815</b> | <b>.4878229</b> | <b>429.9362</b> |
| Stddev | .0013237        | .0018511        | 1.39741         | .0023102        | .0022029        | .0001587        | 6.1728          |
| %RSD   | .7960407        | .8069361        | 1.672420        | .3994850        | .4627206        | .0325395        | 1.435738        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1650582 | .2293794 | 82.66682 | .5786431 | .4746317 | .4879972 | 429.0496 |
| #2 | .1661166 | .2312600 | 82.83515 | .5803894 | .4786165 | .4876866 | 424.2546 |
| #3 | .1676889 | .2275579 | 85.16698 | .5758118 | .4749963 | .4877849 | 436.5043 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>16.13380</b> | <b>108.1436</b> | <b>1.002490</b> | <b>.0494270</b> | <b>6.767128</b> | <b>.6576351</b> | <b>2.618738</b> |
| Stddev | .19840          | 2.9598          | .007678         | .0018280        | .082034         | .0056920        | .002239         |
| %RSD   | 1.229719        | 2.736924        | .7658600        | 3.698467        | 1.212243        | .8655308        | .0854951        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.00386 | 106.3090 | .995675  | .0489001 | 6.832603 | .6538366 | 2.618511 |
| #2 | 16.03538 | 106.5636 | 1.010808 | .0479203 | 6.793673 | .6548890 | 2.616621 |
| #3 | 16.36217 | 111.5581 | 1.000987 | .0514606 | 6.675109 | .6641795 | 2.621082 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>38.39376</b> | <b>1.181587</b> | <b>.3161161</b> | <b>.6538247</b> | <b>4.568741</b> | <b>11.38869</b> | <b>16.62740</b> |
| Stddev | .30514          | .018285         | .0005973        | .0081293        | .011162         | .01546          | .14203          |
| %RSD   | .7947670        | 1.547506        | .1889474        | 1.243340        | .2443026        | .1357540        | .8541920        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 38.66516 | 1.180356 | .3167333 | .6490714 | 4.568659 | 11.37778 | 16.59807 |
| #2 | 38.45266 | 1.163949 | .3155409 | .6632113 | 4.557621 | 11.40638 | 16.78180 |
| #3 | 38.06346 | 1.200457 | .3160741 | .6491914 | 4.579944 | 11.38190 | 16.50232 |

Sample Name: Q2280-03A      Acquired: 6/11/2025 19:40:48      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | 1.754242 | 1.075929 | .1079804 |
| Stddev | .020507  | .013178  | .0095400 |
| %RSD   | 1.169016 | 1.224773 | 8.834971 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.753054 | 1.084685 | .1112329 |
| #2 | 1.775318 | 1.082327 | .1154688 |
| #3 | 1.734354 | 1.060773 | .0972394 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3245.339 | 79700.59 | 17740.49 | 2342.603 | 3471.623 |
| Stddev    | 62.845   | 40.54    | 115.14   | 5.039    | 45.849   |
| %RSD      | 1.936470 | .0508619 | .6490187 | .2150899 | 1.320693 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3212.612 | 79668.56 | 17816.92 | 2339.051 | 3447.849 |
| #2 | 3317.793 | 79746.17 | 17796.48 | 2348.370 | 3524.476 |
| #3 | 3205.611 | 79687.04 | 17608.06 | 2340.388 | 3442.543 |

Sample Name: Q2283-03      Acquired: 6/11/2025 19:45:02      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0446046 | -.035485 | .0844213 | -.005964 | .0096203 | 146.9642 |
| Stddev | .0027665 | .004735  | .0006196 | .007049  | .0019687 | .3910    |
| %RSD   | 6.202320 | 13.34264 | .7338936 | 118.1970 | 20.46421 | .2660826 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0461155 | -.031975 | .0842178 | -.008651 | .0088935 | 147.1224 |
| #2 | .0414117 | -.040870 | .0839291 | -.011274 | .0118491 | 146.5189 |
| #3 | .0462867 | -.033610 | .0851170 | .002034  | .0081184 | 147.2514 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7414878 | .0078260 | .0128032 | F 2310.023 | .4014963 | .0479282 |
| Stddev | .0021615 | .0003390 | .0005074 | 8.980      | .0137663 | .0007090 |
| %RSD   | .2915132 | 4.332037 | 3.962806 | .3887254   | 3.428753 | 1.479328 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7433164 | .0078149 | .0129836 | 2320.084 | .3940762 | .0472077 |
| #2 | .7391023 | .0081704 | .0131957 | 2302.821 | .4173809 | .0479517 |
| #3 | .7420446 | .0074926 | .0122303 | 2307.163 | .3930319 | .0486251 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1612275 | 104.9050 | 3.699483 | 402.1927 | .2286902 | -.002585 |
| Stddev | .0013663 | 2.1441   | .019750  | .9563    | .0003561 | .001067  |
| %RSD   | .8474474 | 2.043887 | .5338547 | .2377708 | .1556902 | 41.27185 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1607138 | 106.2528 | 3.720491 | 403.2890 | .2283634 | -.001805 |
| #2 | .1627762 | 102.4325 | 3.681295 | 401.5298 | .2286375 | -.003801 |
| #3 | .1601924 | 106.0297 | 3.696664 | 401.7594 | .2290697 | -.002150 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.590597 | .3880720 | 3.084308 | 13.18961 | .5013401 | .0184055 |
| Stddev | .144889  | .0016739 | .011037  | .29730   | .0024807 | .0006572 |
| %RSD   | 2.591662 | .4313476 | .3578339 | 2.254016 | .4948147 | 3.570490 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.676767 | .3887860 | 3.094757 | 13.36186 | .5011009 | .0189159 |
| #2 | 5.423318 | .3861594 | 3.085403 | 12.84632 | .5039318 | .0186367 |
| #3 | 5.671705 | .3892704 | 3.072765 | 13.36064 | .4989877 | .0176640 |

Sample Name: Q2283-03      Acquired: 6/11/2025 19:45:02      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0128317 | 5.639700 | 2.300246 | 6.647613 | F 101.5132 | 1.079586 |
| Stddev | .0011489 | .022718  | .060031  | .020080  | .3300      | .010027  |
| %RSD   | 8.953499 | .4028189 | 2.609768 | .3020567 | .3250829   | .9287600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0123049 | 5.662764 | 2.333637 | 6.636026 | 101.2512 | 1.069113 |
| #2 | .0141496 | 5.617345 | 2.230944 | 6.636015 | 101.4046 | 1.080548 |
| #3 | .0120407 | 5.638990 | 2.336158 | 6.670799 | 101.8838 | 1.089097 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 10.24266 |
| Stddev | .03909   |
| %RSD   | .3816194 |

|    |          |
|----|----------|
| #1 | 10.21083 |
| #2 | 10.23086 |
| #3 | 10.28629 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2356.909 | 58563.65 | 12921.07 | 1752.183 | 2657.177 |
| Stddev    | 47.773   | 1238.80  | 25.09    | 96.039   | 39.891   |
| %RSD      | 2.026943 | 2.115309 | .1942154 | 5.481089 | 1.501245 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2326.768 | 57930.06 | 12898.96 | 1692.036 | 2631.811 |
| #2 | 2331.967 | 59991.10 | 12948.35 | 1862.943 | 2636.563 |
| #3 | 2411.991 | 57769.79 | 12915.92 | 1701.571 | 2703.157 |

Sample Name: Q2286-01      Acquired: 6/11/2025 19:49:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>2.154335</b> | <b>.0054121</b> | <b>.3945267</b> | <b>.0317297</b> | <b>.4983156</b> | <b>112.6149</b> | <b>2.319941</b> |
| Stddev | .000372         | .0020074        | .0055625        | .0014114        | .0073183        | .2420           | .006058         |
| %RSD   | .0172479        | 37.09161        | 1.409913        | 4.448253        | 1.468609        | .2149205        | .2611379        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.154322 | .0071555 | .4007173 | .0333079 | .4905911 | 112.8164 | 2.315450 |
| #2 | 2.154713 | .0058634 | .3899486 | .0312928 | .5051455 | 112.6819 | 2.326831 |
| #3 | 2.153970 | .0032174 | .3929142 | .0305884 | .4992102 | 112.3465 | 2.317541 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0079250</b> | <b>.0143476</b> | <b>74.19789</b> | <b>.0810048</b> | <b>.1452147</b> | <b>.3349815</b> | <b>189.1626</b> |
| Stddev | .0000842        | .0003402        | .18492          | .0010599        | .0008695        | .0021200        | 1.3191          |
| %RSD   | 1.062670        | 2.370985        | .2492201        | 1.308373        | .5987557        | .6328661        | .6973214        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079872 | .0141493 | 73.99749 | .0811619 | .1462027 | .3326026 | 188.0840 |
| #2 | .0079586 | .0141531 | 74.36191 | .0819774 | .1448749 | .3356713 | 190.6333 |
| #3 | .0078292 | .0147404 | 74.23427 | .0798752 | .1445664 | .3366708 | 188.7705 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>7.354106</b> | <b>24.33000</b> | <b>.1528415</b> | <b>-.001991</b> | <b>30.01148</b> | <b>.6416866</b> | <b>.6637881</b> |
| Stddev | .030444         | .08340          | .0018047        | .000225         | .22784          | .0021487        | .0036572        |
| %RSD   | .4139727        | .3427937        | 1.180760        | 11.30835        | .7591782        | .3348583        | .5509609        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.321479 | 24.24227 | .1548641 | -.002110 | 29.90711 | .6440156 | .6611208 |
| #2 | 7.381753 | 24.40826 | .1513959 | -.002132 | 30.27281 | .6412632 | .6679571 |
| #3 | 7.359087 | 24.33947 | .1522646 | -.001732 | 29.85452 | .6397811 | .6622864 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.97476</b> | <b>.4653092</b> | <b>.0799843</b> | <b>.0132916</b> | <b>1.556173</b> | <b>4.791533</b> | <b>6.503495</b> |
| Stddev | .17343          | .0029127        | .0005412        | .0004762        | .005520         | .065758         | .065962         |
| %RSD   | .7233657        | .6259785        | .6766029        | 3.582323        | .3546851        | 1.372373        | 1.014253        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.91051 | .4642718 | .0796716 | .0138344 | 1.551390 | 4.863848 | 6.574076 |
| #2 | 24.17114 | .4685987 | .0796722 | .0129443 | 1.562212 | 4.775428 | 6.443411 |
| #3 | 23.84263 | .4630572 | .0806092 | .0130962 | 1.554916 | 4.735325 | 6.492999 |

Sample Name: Q2286-01      Acquired: 6/11/2025 19:49:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>5.483402</b> | <b>.1283164</b> | <b>1.475107</b> |
| Stddev | .039744         | .0017433        | .003091         |
| %RSD   | .7248071        | 1.358611        | .2095475        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.527877</b> | <b>.1279705</b> | <b>1.478670</b> |
| #2 | <b>5.451362</b> | <b>.1302067</b> | <b>1.473151</b> |
| #3 | <b>5.470966</b> | <b>.1267719</b> | <b>1.473499</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3188.418</b> | <b>76768.79</b> | <b>17224.28</b> | <b>2306.448</b> | <b>3643.104</b> |
| Stddev    | 64.016          | 495.58          | 46.81           | 14.771          | 45.220          |
| %RSD      | 2.007762        | .6455537        | .2717601        | .6404397        | 1.241250        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3262.334</b> | <b>77064.48</b> | <b>17271.96</b> | <b>2321.121</b> | <b>3695.247</b> |
| #2 | <b>3152.067</b> | <b>76196.65</b> | <b>17178.39</b> | <b>2291.580</b> | <b>3619.407</b> |
| #3 | <b>3150.853</b> | <b>77045.25</b> | <b>17222.49</b> | <b>2306.643</b> | <b>3614.656</b> |

Sample Name: Q2282-04      Acquired: 6/11/2025 19:55:32      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>.0878055</b> | <b>.0053802</b> | <b>1.053150</b> | <b>.0711068</b> | <b>-.013856</b> | <b>94.26690</b> |
| Stddev | .0029825        | .0023883        | .024687         | .0020971        | .002189         | .23376          |
| %RSD   | 3.396707        | 44.39073        | 2.344117        | 2.949297        | 15.79515        | .2479810        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0848599 | .0080973 | 1.039453 | .0689563 | -.011334 | 94.53144 |
| #2 | .0877331 | .0036124 | 1.081649 | .0712178 | -.014988 | 94.08814 |
| #3 | .0908236 | .0044311 | 1.038348 | .0731462 | -.015248 | 94.18114 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8954709</b> | <b>.0139795</b> | <b>.1078739</b> | <b>216.8353</b> | <b>.4104600</b> | <b>.1099100</b> |
| Stddev | .0022818        | .0000927        | .0022001        | .9478           | .0022727        | .0010946        |
| %RSD   | .2548121        | .6633606        | 2.039532        | .4370850        | .5536882        | .9959026        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8980259 | .0140367 | .1086308 | 217.4450 | .4112282 | .1090784 |
| #2 | .8936363 | .0138726 | .1095957 | 217.3176 | .4122490 | .1111501 |
| #3 | .8947504 | .0140294 | .1053953 | 215.7434 | .4079028 | .1095014 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.804357</b> | <b>628.8444</b> | <b>5.595546</b> | <b>64.66758</b> | <b>.6778939</b> | <b>-.013191</b> |
| Stddev | .004437         | 14.2166         | .006521         | .22310          | .0106342        | .004404         |
| %RSD   | .2459114        | 2.260747        | .1165446        | .3449988        | 1.568710        | 33.38655        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.801656 | 620.5957 | 5.600754 | 64.76041 | .6731918 | -.015542 |
| #2 | 1.809478 | 620.6773 | 5.597652 | 64.82928 | .6900686 | -.015922 |
| #3 | 1.801937 | 645.2603 | 5.588232 | 64.41305 | .6704213 | -.008111 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>401.9086</b> | <b>.6105485</b> | <b>2.414816</b> | <b>49.48054</b> | <b>1.599890</b> | <b>.0197694</b> |
| Stddev | 2.2769          | .0018103        | .006759         | .15450          | .041877         | .0001301        |
| %RSD   | .5665149        | .2965080        | .2799053        | .3122405        | 2.617464        | .6582484        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 401.4050 | .6111022 | 2.418989 | 49.36185 | 1.574810 | .0198843 |
| #2 | 404.3951 | .6085261 | 2.418441 | 49.42454 | 1.576627 | .0196281 |
| #3 | 399.9257 | .6120174 | 2.407018 | 49.65523 | 1.648234 | .0197957 |

Sample Name: Q2282-04      Acquired: 6/11/2025 19:55:32      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | .0166390 | 1.801895 | F 122.3810 | 6.410087 | F 38.34122 | .3743852 |
| Stddev | .0012989 | .005539  | .2524      | .101733  | .59122     | .0080064 |
| %RSD   | 7.806212 | .3074178 | .2062041   | 1.587078 | 1.542007   | 2.138544 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0175066 | 1.808209 | 122.2270 | 6.393286 | 38.12927 | .3701635 |
| #2 | .0172647 | 1.797853 | 122.6722 | 6.519175 | 39.00921 | .3693732 |
| #3 | .0151457 | 1.799623 | 122.2438 | 6.317800 | 37.88519 | .3836189 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .6048178 |
| Stddev | .0227118 |
| %RSD   | 3.755156 |

|    |          |
|----|----------|
| #1 | .6212065 |
| #2 | .6143544 |
| #3 | .5788925 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2578.536 | 64988.68 | 15122.07 | 1845.582 | 3183.310 |
| Stddev    | 62.007   | 104.11   | 45.03    | 2.211    | 44.214   |
| %RSD      | 2.404747 | .1601926 | .2977463 | .1197770 | 1.388936 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2553.856 | 65065.58 | 15077.82 | 1843.139 | 3163.979 |
| #2 | 2649.083 | 64870.21 | 15120.56 | 1847.444 | 3233.898 |
| #3 | 2532.669 | 65030.26 | 15167.84 | 1846.164 | 3152.054 |

Sample Name: Q2276-01DLX5      Acquired: 6/11/2025 19:59:59      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.003692</b> | <b>-.003059</b> | <b>-.002377</b> | <b>.0002212</b> | <b>-.000740</b> | <b>.2598241</b> | <b>-.007407</b> |
| Stddev | .001747         | .001284         | .001287         | .0011516        | .002044         | .0117155        | .000700         |
| %RSD   | 47.32235        | 41.97548        | 54.15516        | 520.6836        | 276.3748        | 4.509013        | 9.444083        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004238</b> | <b>-.002357</b> | <b>-.000891</b> | <b>.0015036</b> | <b>-.002335</b> | <b>.2471364</b> | <b>-.006645</b> |
| #2 | <b>-.005101</b> | <b>-.002279</b> | <b>-.003080</b> | <b>-.000725</b> | <b>.001565</b>  | <b>.2621035</b> | <b>-.008021</b> |
| #3 | <b>-.001737</b> | <b>-.004541</b> | <b>-.003159</b> | <b>-.000115</b> | <b>-.001449</b> | <b>.2702324</b> | <b>-.007556</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000219</b> | <b>-.001518</b> | <b>1.073660</b> | <b>.0164798</b> | <b>-.001475</b> | <b>.0222736</b> | <b>.3624407</b> |
| Stddev | .000026         | .000041         | .047521         | .0005458        | .000097         | .0006260        | .0368756        |
| %RSD   | 11.97465        | 2.691605        | 4.426103        | 3.311927        | 6.560134        | 2.810588        | 10.17424        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000225</b> | <b>-.001560</b> | <b>1.027136</b> | <b>.0160086</b> | <b>-.001585</b> | <b>.0217496</b> | <b>.3336115</b> |
| #2 | <b>-.000190</b> | <b>-.001517</b> | <b>1.071725</b> | <b>.0170779</b> | <b>-.001405</b> | <b>.0221045</b> | <b>.3497174</b> |
| #3 | <b>-.000241</b> | <b>-.001478</b> | <b>1.122120</b> | <b>.0163529</b> | <b>-.001435</b> | <b>.0229669</b> | <b>.4039933</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0097233</b> | <b>.2426606</b> | <b>.0020065</b> | <b>-.000213</b> | <b>1.594000</b> | <b>-.002107</b> | <b>.0292319</b> |
| Stddev | .0009601        | .0124419        | .0003672        | .000429         | .088221         | .001686         | .0009336        |
| %RSD   | 9.874432        | 5.127268        | 18.30213        | 201.3016        | 5.534563        | 80.00852        | 3.193901        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0087845</b> | <b>.2289349</b> | <b>.0017867</b> | <b>-.000194</b> | <b>1.527605</b> | <b>-.001776</b> | <b>.0282313</b> |
| #2 | <b>.0096821</b> | <b>.2458485</b> | <b>.0018023</b> | <b>-.000651</b> | <b>1.560289</b> | <b>-.000611</b> | <b>.0293844</b> |
| #3 | <b>.0107034</b> | <b>.2531983</b> | <b>.0024305</b> | <b>.000206</b>  | <b>1.694106</b> | <b>-.003934</b> | <b>.0300798</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6460934</b> | <b>.0003625</b> | <b>-.001040</b> | <b>-.001593</b> | <b>.0035395</b> | <b>.5254505</b> | <b>1.928055</b> |
| Stddev | .0462665        | .0004681        | .000071         | .000273         | .0002461        | .0199059        | .065572         |
| %RSD   | 7.160965        | 129.1315        | 6.786859        | 17.17038        | 6.953906        | 3.788352        | 3.400953        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.6168472</b> | <b>-.000178</b> | <b>-.001021</b> | <b>-.001692</b> | <b>.0032673</b> | <b>.5126776</b> | <b>1.870803</b> |
| #2 | <b>.6219985</b> | <b>.000646</b>  | <b>-.000981</b> | <b>-.001803</b> | <b>.0036049</b> | <b>.5152876</b> | <b>1.913771</b> |
| #3 | <b>.6994345</b> | <b>.000619</b>  | <b>-.001118</b> | <b>-.001283</b> | <b>.0037464</b> | <b>.5483865</b> | <b>1.999592</b> |

Sample Name: Q2276-01DLX5      Acquired: 6/11/2025 19:59:59      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>4.674888</b> | <b>-.000746</b> | <b>.0010043</b> |
| Stddev | .139445         | .000685         | .0002428        |
| %RSD   | 2.982853        | 91.89448        | 24.17906        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>4.544316</b> | <b>-.001433</b> | <b>.0007559</b> |
| #2 | <b>4.658577</b> | <b>-.000062</b> | <b>.0010159</b> |
| #3 | <b>4.821772</b> | <b>-.000742</b> | <b>.0012411</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2956.103</b> | <b>70798.47</b> | <b>14619.87</b> | <b>2188.842</b> | <b>4305.574</b> |
| Stddev    | 57.157          | 1201.35         | 43.40           | 125.987         | 55.488          |
| %RSD      | 1.933525        | 1.696862        | .2968823        | 5.755872        | 1.288744        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2947.554</b> | <b>70358.24</b> | <b>14569.84</b> | <b>2124.591</b> | <b>4283.548</b> |
| #2 | <b>2903.702</b> | <b>72157.83</b> | <b>14647.39</b> | <b>2334.001</b> | <b>4264.481</b> |
| #3 | <b>3017.053</b> | <b>69879.33</b> | <b>14642.39</b> | <b>2107.934</b> | <b>4368.693</b> |

Sample Name: CCV06      Acquired: 6/11/2025 20:06:31      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.806997</b> | <b>4.705658</b> | <b>4.927502</b> | <b>4.813356</b> | <b>4.770179</b> | <b>9.668626</b> |
| Stddev | .017629         | .042880         | .014699         | .011217         | .028061         | .014693         |
| %RSD   | .3667325        | .9112392        | .2983094        | .2330476        | .5882584        | .1519683        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.800765 | 4.738275 | 4.918089 | 4.810426 | 4.756060 | 9.684384 |
| #2 | 4.793330 | 4.721611 | 4.944440 | 4.803895 | 4.751981 | 9.655301 |
| #3 | 4.826895 | 4.657089 | 4.919976 | 4.825748 | 4.802495 | 9.666194 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.790340</b> | <b>.2416930</b> | <b>2.453181</b> | <b>24.99122</b> | <b>.9668111</b> | <b>2.458719</b> |
| Stddev | .023454         | .0018828        | .010222         | .06344          | .0036658        | .005345         |
| %RSD   | .2395673        | .7790164        | .4166775        | .2538306        | .3791599        | .2173814        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.771416 | .2416635 | 2.445170 | 25.05325 | .9641036 | 2.453726 |
| #2 | 9.783022 | .2398251 | 2.464694 | 24.99395 | .9653470 | 2.464357 |
| #3 | 9.816581 | .2435904 | 2.449680 | 24.92646 | .9709826 | 2.458073 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.194702</b> | <b>5.054359</b> | <b>2.487135</b> | <b>24.92484</b> | <b>2.460395</b> | <b>1.211513</b> |
| Stddev | .006716         | .036829         | .012025         | .02930          | .004732         | .001376         |
| %RSD   | .5621381        | .7286635        | .4834732        | .1175439        | .1923212        | .1135407        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.191791 | 5.075810 | 2.500132 | 24.95857 | 2.455613 | 1.210422 |
| #2 | 1.189933 | 5.075435 | 2.484866 | 24.90571 | 2.465075 | 1.213058 |
| #3 | 1.202382 | 5.011833 | 2.476406 | 24.91025 | 2.460498 | 1.211058 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>23.24553</b> | <b>2.479014</b> | <b>2.434031</b> | <b>23.39773</b> | <b>4.790255</b> | <b>4.849105</b> |
| Stddev | .16599          | .009050         | .007545         | .15295          | .025624         | .020945         |
| %RSD   | .7140904        | .3650845        | .3099718        | .6536760        | .5349160        | .4319370        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.32976 | 2.488943 | 2.442232 | 23.45056 | 4.804106 | 4.841525 |
| #2 | 23.35252 | 2.476874 | 2.432478 | 23.51727 | 4.760687 | 4.833005 |
| #3 | 23.05431 | 2.471225 | 2.427384 | 23.22538 | 4.805972 | 4.872785 |

Sample Name: CCV06      Acquired: 6/11/2025 20:06:31      Type: Unk  
Method: 6010-200.7 NEW(v5)      Mode: CONC      Corr. Factor: 1.000000  
User: Jaswal      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>4.876661</b> | <b>4.919135</b> | <b>5.108580</b> | <b>4.956795</b> | <b>4.737026</b> | <b>F 4.495773</b> |
| Stddev | .025527         | .027839         | .021942         | .015174         | .012746         | .036637           |
| %RSD   | .5234432        | .5659342        | .4295073        | .3061181        | .2690738        | .8149253          |
| #1     | 4.866919        | 4.947744        | 5.094992        | 4.963440        | 4.736946        | 4.535982          |
| #2     | 4.905624        | 4.917525        | 5.133893        | 4.967513        | 4.749813        | 4.487058          |
| #3     | 4.857441        | 4.892136        | 5.096855        | 4.939433        | 4.724321        | 4.464280          |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>4.942746</b> |
| Stddev | .043540         |
| %RSD   | .8808807        |
| #1     | 4.993015        |
| #2     | 4.918317        |
| #3     | 4.916906        |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3019.358</b> | <b>68739.18</b> | <b>15145.71</b> | <b>2150.738</b> | <b>4021.208</b> |
| Stddev    | 35.263          | 404.74          | 67.48           | 22.581          | 28.176          |
| %RSD      | 1.167909        | .5888070        | .4455480        | 1.049929        | .7006952        |
| #1        | 3018.513        | 68637.07        | 15069.99        | 2139.878        | 4015.865        |
| #2        | 3055.036        | 68395.28        | 15167.62        | 2135.638        | 4051.673        |
| #3        | 2984.524        | 69185.20        | 15199.51        | 2176.697        | 3996.086        |

Sample Name: CCB06      Acquired: 6/11/2025 20:11:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002017</b> | <b>-.003268</b> | <b>-.002495</b> | <b>-.005448</b> | <b>-.003440</b> | <b>-.006296</b> | <b>-.011698</b> |
| Stddev | .000924         | .000419         | .000327         | .001526         | .001784         | .003371         | .000135         |
| %RSD   | 45.82985        | 12.83260        | 13.11922        | 28.00883        | 51.87062        | 53.53299        | 1.152960        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001033</b> | <b>-.002945</b> | <b>-.002211</b> | <b>-.003860</b> | <b>-.005402</b> | <b>-.007258</b> | <b>-.011852</b> |
| #2 | <b>-.002867</b> | <b>-.003116</b> | <b>-.002853</b> | <b>-.005581</b> | <b>-.001913</b> | <b>-.009082</b> | <b>-.011639</b> |
| #3 | <b>-.002151</b> | <b>-.003742</b> | <b>-.002420</b> | <b>-.006903</b> | <b>-.003006</b> | <b>-.002549</b> | <b>-.011602</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000180</b> | <b>-.001440</b> | <b>-.026599</b> | <b>-.000969</b> | <b>-.001731</b> | <b>-.000518</b> | <b>-.004563</b> |
| Stddev | .000020         | .000040         | .007744         | .000258         | .000125         | .000332         | .003066         |
| %RSD   | 11.15436        | 2.763341        | 29.11455        | 26.64458        | 7.247026        | 64.02495        | 67.20279        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000157</b> | <b>-.001468</b> | <b>-.032005</b> | <b>-.000978</b> | <b>-.001744</b> | <b>-.000894</b> | <b>-.001645</b> |
| #2 | <b>-.000189</b> | <b>-.001456</b> | <b>-.017727</b> | <b>-.001222</b> | <b>-.001600</b> | <b>-.000394</b> | <b>-.004284</b> |
| #3 | <b>-.000194</b> | <b>-.001394</b> | <b>-.030065</b> | <b>-.000706</b> | <b>-.001850</b> | <b>-.000266</b> | <b>-.007759</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001876</b> | <b>-.038398</b> | <b>-.001723</b> | <b>-.000311</b> | <b>-.015830</b> | <b>-.001968</b> | <b>-.001088</b> |
| Stddev | .000104         | .008544         | .000322         | .000121         | .003024         | .001257         | .000122         |
| %RSD   | 5.530963        | 22.25078        | 18.67058        | 38.80349        | 19.10116        | 63.88983        | 11.19308        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001814</b> | <b>-.048258</b> | <b>-.001807</b> | <b>-.000202</b> | <b>-.012339</b> | <b>-.000693</b> | <b>-.001021</b> |
| #2 | <b>-.001996</b> | <b>-.033184</b> | <b>-.001994</b> | <b>-.000291</b> | <b>-.017638</b> | <b>-.002004</b> | <b>-.001015</b> |
| #3 | <b>-.001819</b> | <b>-.033751</b> | <b>-.001367</b> | <b>-.000441</b> | <b>-.017513</b> | <b>-.003207</b> | <b>-.001229</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000005</b> | <b>.0011866</b> | <b>-.002754</b> | <b>-.005366</b> | <b>-.002671</b> | <b>-.008040</b> | <b>-.004234</b> |
| Stddev | .003763         | .0004218        | .000108         | .000896         | .000263         | .002093         | .002739         |
| %RSD   | 68679.93        | 35.55203        | 3.912634        | 16.69158        | 9.828718        | 26.03514        | 64.68853        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.002510</b>  | <b>.0008771</b> | <b>-.002782</b> | <b>-.004439</b> | <b>-.002932</b> | <b>-.007222</b> | <b>-.007378</b> |
| #2 | <b>-.004331</b> | <b>.0010155</b> | <b>-.002635</b> | <b>-.006227</b> | <b>-.002407</b> | <b>-.010418</b> | <b>-.002958</b> |
| #3 | <b>.001805</b>  | <b>.0016671</b> | <b>-.002845</b> | <b>-.005431</b> | <b>-.002675</b> | <b>-.006479</b> | <b>-.002366</b> |

Sample Name: CCB06      Acquired: 6/11/2025 20:11:26      Type: Unk  
Method: 6010-200.7 NEW(v5)      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    | <b>-.002521</b> | <b>-.003375</b> | <b>-.003182</b> |
| Stddev | .002035         | .001259         | .000036         |
| %RSD   | 80.73199        | 37.31454        | 1.135096        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003689</b> | <b>-.001980</b> | <b>-.003143</b> |
| #2 | <b>-.003703</b> | <b>-.004428</b> | <b>-.003189</b> |
| #3 | <b>-.000171</b> | <b>-.003717</b> | <b>-.003214</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3216.835</b> | <b>73450.92</b> | <b>15440.00</b> | <b>2316.401</b> | <b>4585.607</b> |
| Stddev    | 30.238          | 242.70          | 10.99           | 14.429          | 25.449          |
| %RSD      | .9399932        | .3304309        | .0711506        | .6228978        | .5549700        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3198.323 | 73183.67 | 15435.63 | 2304.151 | 4570.809 |
| #2 | 3200.452 | 73657.61 | 15452.50 | 2312.746 | 4571.019 |
| #3 | 3251.729 | 73511.48 | 15431.87 | 2332.306 | 4614.993 |

LB136124

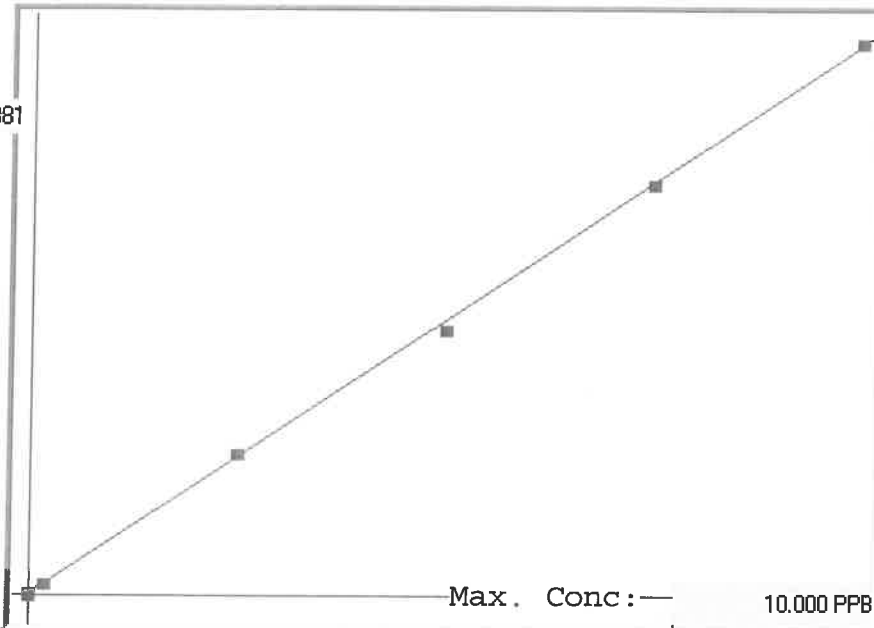
7470A

INSTRUMENT ID: CV1

Linear

$\mu$  Abs.:

42381



A= 0.0000e+000

B= 2.3760e-004

C= -1.6936e-002

Rho= 0.9997880

Accept=Accepted

| Std ID | Conc.  | Calc.  | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | 0/10 |
|--------|--------|--------|--------|-------|------------|-------|-------|-------|-------|-------|------|
| 0.0    | 0.000  | 0.002  | 0.002  | 80    | 0.000      | 80    | 0     |       |       |       | 12   |
| 0.2    | 0.200  | 0.224  | 0.024  | 1016  | 0.0 %      | 1016  |       |       |       |       | 3    |
| 2.5    | 2.500  | 2.575  | 0.075  | 10907 | 0.0 %      | 10907 |       |       |       |       | 2    |
| 5.0    | 5.000  | 4.840  | -0.160 | 20441 | 0.0 %      | 20441 |       |       |       |       | 0    |
| 7.5    | 7.500  | 7.506  | 0.006  | 31662 | 0.0 %      | 31662 |       |       |       |       | 1    |
| 10.0   | 10.000 | 10.053 | 0.053  | 42381 | 0.0 %      | 42381 |       |       |       |       |      |

# LB136124 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 12 Jun 2025 09:14:22

| Sample ID       | Extended ID             | µ Abs | Conc.   | Std Conc | Method | Units | Date                 | Type | Type |
|-----------------|-------------------------|-------|---------|----------|--------|-------|----------------------|------|------|
| 0.0 - 1         | 50                      | 80    | -       | 0.0000   | 7470A  | PPB   | 12 Jun 2025 09:52:49 | S    | Std  |
| 0.2 - 1         | 50-2                    | 1016  | -       | 0.2000   | 7470A  | PPB   | 12 Jun 2025 09:55:06 | S    | Std  |
| 2.5 - 1         | 52-5                    | 10907 | -       | 2.5000   | 7470A  | PPB   | 12 Jun 2025 09:57:23 | S    | Std  |
| 5.0 - 1         | 55                      | 20441 | -       | 5.0000   | 7470A  | PPB   | 12 Jun 2025 09:59:40 | S    | Std  |
| 7.5 - 1         | 57-5                    | 31662 | -       | 7.5000   | 7470A  | PPB   | 12 Jun 2025 10:01:58 | S    | Std  |
| 10.0 - 1        | 59-5                    | 42381 | -       | 10.0000  | 7470A  | PPB   | 12 Jun 2025 10:04:16 | S    | Std  |
| ICV35 - 1       | ICV35                   | 16958 | 4.0123  | -        | 7470A  | PPB   | 12 Jun 2025 10:12:22 | U    | SMPL |
| ICB35 - 1       | ICB35                   | -249  | -0.0761 | -        | 7470A  | PPB   | 12 Jun 2025 10:14:38 | U    | SMPL |
| CCV30 - 1       | CCV30                   | 19587 | 4.6370  | -        | 7470A  | PPB   | 12 Jun 2025 10:16:55 | U    | SMPL |
| CCB30 - 1       | CCB30                   | -294  | -0.0868 | -        | 7470A  | PPB   | 12 Jun 2025 10:19:10 | U    | SMPL |
| CRA - 1         | CRA                     | 852   | 0.1855  | -        | 7470A  | PPB   | 12 Jun 2025 10:21:27 | U    | SMPL |
| HighStd - 1     | HighStd                 | 40841 | 9.6870  | -        | 7470A  | PPB   | 12 Jun 2025 10:23:42 | U    | SMPL |
| ChkStd - 1      | ChkStd                  | 26316 | 6.2358  | -        | 7470A  | PPB   | 12 Jun 2025 10:25:57 | U    | SMPL |
| PB168424BL - 1  | PBW                     | -336  | -0.0968 | -        | 7470A  | PPB   | 12 Jun 2025 10:28:16 | U    | SMPL |
| PB168424BS - 1  | LCSW                    | 15010 | 3.5495  | -        | 7470A  | PPB   | 12 Jun 2025 10:30:35 | U    | SMPL |
| Q2259-02 - 1    | OU4-PCS-TC-36-060525    | 1016  | 0.2245  | -        | 7470A  | PPB   | 12 Jun 2025 10:32:52 | U    | SMPL |
| Q2259-04 - 1    | OU4-PCS-TC-37-060525    | -15   | -0.0205 | -        | 7470A  | PPB   | 12 Jun 2025 10:35:10 | U    | SMPL |
| Q2259-04DUP - 1 | OU4-PCS-TC-37-060525DUP | 166   | 0.0225  | -        | 7470A  | PPB   | 12 Jun 2025 10:37:29 | U    | SMPL |
| Q2259-04MS - 1  | OU4-PCS-TC-37-060525MS  | 14410 | 3.4069  | -        | 7470A  | PPB   | 12 Jun 2025 10:39:46 | U    | SMPL |
| Q2259-04MSD - 1 | OU4-PCS-TC-37-060525MSD | 13557 | 3.2042  | -        | 7470A  | PPB   | 12 Jun 2025 10:42:07 | U    | SMPL |
| CCV31 - 1       | CCV31                   | 21296 | 5.0431  | -        | 7470A  | PPB   | 12 Jun 2025 10:50:22 | U    | SMPL |
| CCB31 - 1       | CCB31                   | -306  | -0.0896 | -        | 7470A  | PPB   | 12 Jun 2025 10:52:37 | U    | SMPL |
| PB168425BL - 1  | PBW                     | -30   | -0.0241 | -        | 7470A  | PPB   | 12 Jun 2025 10:54:55 | U    | SMPL |
| PB168425BS - 1  | LCSW                    | 15541 | 3.6757  | -        | 7470A  | PPB   | 12 Jun 2025 10:57:10 | U    | SMPL |
| Q2267-01 - 1    | WC-20250605             | -144  | -0.0512 | -        | 7470A  | PPB   | 12 Jun 2025 10:59:26 | U    | SMPL |
| Q2271-04 - 1    | TP12-MHK-WC             | -17   | -0.0210 | -        | 7470A  | PPB   | 12 Jun 2025 11:01:45 | U    | SMPL |
| Q2272-04 - 1    | TP-6                    | 16    | -0.0131 | -        | 7470A  | PPB   | 12 Jun 2025 11:04:02 | U    | SMPL |
| Q2273-04 - 1    | WC-4                    | -12   | -0.0198 | -        | 7470A  | PPB   | 12 Jun 2025 11:06:19 | U    | SMPL |
| Q2273-08 - 1    | WC-6                    | -9    | -0.0191 | -        | 7470A  | PPB   | 12 Jun 2025 11:08:35 | U    | SMPL |
| Q2274-04 - 1    | TP-13-MHP-WC            | 1     | -0.0167 | -        | 7470A  | PPB   | 12 Jun 2025 11:10:52 | U    | SMPL |
| Q2278-04 - 1    | TP-2                    | 15    | -0.0134 | -        | 7470A  | PPB   | 12 Jun 2025 11:13:14 | U    | SMPL |
| Q2280-02 - 1    | VNJ-210                 | 14    | -0.0136 | -        | 7470A  | PPB   | 12 Jun 2025 11:15:35 | U    | SMPL |
| CCV32 - 1       | CCV32                   | 19895 | 4.7102  | -        | 7470A  | PPB   | 12 Jun 2025 11:17:50 | U    | SMPL |
| CCB32 - 1       | CCB32                   | -248  | -0.0759 | -        | 7470A  | PPB   | 12 Jun 2025 11:20:06 | U    | SMPL |
| Q2280-04 - 1    | RT-4643                 | 6     | -0.0155 | -        | 7470A  | PPB   | 12 Jun 2025 11:22:24 | U    | SMPL |
| Q2285-05 - 1    | HAM-CONCRETE            | -2    | -0.0174 | -        | 7470A  | PPB   | 12 Jun 2025 11:24:39 | U    | SMPL |
| Q2285-05DUP - 1 | HAM-CONCRETEDUP         | 0     | -0.0169 | -        | 7470A  | PPB   | 12 Jun 2025 11:26:55 | U    | SMPL |
| Q2285-05MS - 1  | HAM-CONCRETEMS          | 12543 | 2.9633  | -        | 7470A  | PPB   | 12 Jun 2025 11:29:10 | U    | SMPL |
| Q2285-05MSD - 1 | HAM-CONCRETEMSD         | 12080 | 2.8533  | -        | 7470A  | PPB   | 12 Jun 2025 11:31:26 | U    | SMPL |
| CCV33 - 1       | CCV33                   | 20231 | 4.7900  | -        | 7470A  | PPB   | 12 Jun 2025 11:38:21 | U    | SMPL |
| CCB33 - 1       | CCB33                   | -252  | -0.0768 | -        | 7470A  | PPB   | 12 Jun 2025 11:40:37 | U    | SMPL |
| PB168362TB - 1  | PB168362TB              | 5     | -0.0157 | -        | 7470A  | PPB   | 12 Jun 2025 11:42:57 | U    | SMPL |
| PB168369TB - 1  | PB168369TB              | 1     | -0.0167 | -        | 7470A  | PPB   | 12 Jun 2025 11:45:14 | U    | SMPL |
| PB168390TB - 1  | PB168390TB              | 6     | -0.0155 | -        | 7470A  | PPB   | 12 Jun 2025 11:47:29 | U    | SMPL |
| Q2259-04LX5 - 1 |                         | 300   | 0.0543  | -        | 7470A  | PPB   | 12 Jun 2025 11:49:45 | U    | SMPL |
| Q2259-04A - 1   |                         | 13340 | 3.1527  | -        | 7470A  | PPB   | 12 Jun 2025 11:52:00 | U    | SMPL |
| Q2285-05LX5 - 1 |                         | -217  | -0.0685 | -        | 7470A  | PPB   | 12 Jun 2025 11:54:17 | U    | SMPL |
| Q2285-05A - 1   |                         | 13696 | 3.2373  | -        | 7470A  | PPB   | 12 Jun 2025 11:56:35 | U    | SMPL |
| CCV34 - 1       | CCV34                   | 20632 | 4.8853  | -        | 7470A  | PPB   | 12 Jun 2025 11:58:51 | U    | SMPL |
| CCB34 - 1       | CCB34                   | -321  | -0.0932 | -        | 7470A  | PPB   | 12 Jun 2025 12:01:09 | U    | SMPL |

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 06/11/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 06/11/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLB*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LFS-1             | 0.25     | M6007               |
| LFS-2             | 0.25     | M6016               |
| 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    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK#1 CELL#50 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location           |
|----------------|-----------------------------------------|--------------------------------|
| 06/17/25 16:40 | <i>SLB met dig</i>                      | <i>[Signature] (D. K. Lab)</i> |
|                | Preparation Group                       | Analysis Group                 |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB168369TB    | PB168369TB       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 12       |
| PB168390TB    | PB168390TB       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 13       |
| PB168423BL    | PBW423           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 14       |
| PB168423BS    | LCS423           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6016 | 15       |
| Q2214-04      | RBR251425        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 16       |
| Q2267-01      | WC-20250605      | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 17       |
| Q2267-01MS    | WC-20250605MS    | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6016 | 19       |
| Q2267-01MSD   | WC-20250605MSD   | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6007,M6016 | 20       |
| Q2267-01DUP   | WC-20250605DUP   | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 18       |
| Q2271-04      | TP12-MHK-WC      | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 21       |
| Q2272-04      | TP-6             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 22       |
| Q2273-04      | WC-4             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 23       |
| Q2273-08      | WC-6             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 24       |
| Q2274-04      | TP-13-MHP-WC     | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 25       |
| Q2278-04      | TP-2             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 26       |
| Q2280-02      | VNJ-210          | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 27       |
| Q2280-04      | RT-4643          | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 28       |
| Q2285-05      | HAM-CONCRETE     | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 29       |

| Sample ID  | ClientID     | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|--------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB168369TB | LEB369       | 11             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.93              | 1.0                     | T-2      |
| Q2214-04   | RBR251425    | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.5                     | T-1      |
| Q2271-04   | TP12-MHK-WC  | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1      |
| Q2272-04   | TP-6         | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| Q2273-04   | WC-4         | 04             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-1      |
| Q2273-08   | WC-6         | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.5                     | T-1      |
| Q2274-04   | TP-13-MHP-WC | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 3.0               | 1.0                     | T-1      |
| Q2278-04   | TP-2         | 07             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| Q2280-02   | VNJ-210      | 08             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.2               | 1.0                     | T-1      |
| Q2280-04   | RT-4643      | 09             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| Q2285-05   | HAM-CONCRETE | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 9.3               | 1.0                     | T-1      |

TCLP EXTRACTION LOGPAGE

PB168390

| Sample ID  | ClientID    | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB168390TB | LEB390      | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 4.93              | 1.5                     | N/A      |
| Q2267-01   | WC-20250605 | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 7.2               | 1.0                     | N/A      |

**Instrument ID:** P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136119**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 6/12/2025 2:20:51 PM |
| Supervise By     | jaswal                                          | Supervise On | 6/12/2025 5:41:36 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85867,MP85897,MP85871,MP85870,MP85869,MP85868 |              |                      |
| ICV Standard     | MP85934                                         |              |                      |
| CCV Standard     | MP85875                                         |              |                      |
| ICSA Standard    | MP85873,MP85874                                 |              |                      |
| CRI Standard     | MP85897                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85876,MP85877                                 |              |                      |

| Sr# | SampleId    | ClientID | QcType | Date           | Comment | Operator | Status |
|-----|-------------|----------|--------|----------------|---------|----------|--------|
| 1   | S0          | S0       | CAL1   | 06/11/25 12:36 |         | Jaswal   | OK     |
| 2   | S1          | S1       | CAL2   | 06/11/25 12:41 |         | Jaswal   | OK     |
| 3   | S2          | S2       | CAL3   | 06/11/25 12:45 |         | Jaswal   | OK     |
| 4   | S3          | S3       | CAL4   | 06/11/25 12:49 |         | Jaswal   | OK     |
| 5   | S4          | S4       | CAL5   | 06/11/25 12:53 |         | Jaswal   | OK     |
| 6   | S5          | S5       | CAL6   | 06/11/25 12:58 |         | Jaswal   | OK     |
| 7   | ICV01       | ICV01    | ICV    | 06/11/25 13:53 |         | Jaswal   | OK     |
| 8   | LLICV01     | LLICV01  | LLICV  | 06/11/25 13:57 |         | Jaswal   | OK     |
| 9   | ICB01       | ICB01    | ICB    | 06/11/25 14:03 |         | Jaswal   | OK     |
| 10  | CRI01       | CRI01    | CRDL   | 06/11/25 14:07 |         | Jaswal   | OK     |
| 11  | ICSA01      | ICSA01   | ICSA   | 06/11/25 14:14 |         | Jaswal   | OK     |
| 12  | ICSAB01     | ICSAB01  | ICSAB  | 06/11/25 14:27 |         | Jaswal   | OK     |
| 13  | ICSADL      | ICSADL   | ICSA   | 06/11/25 14:32 |         | Jaswal   | OK     |
| 14  | ICSABDL     | ICSABDL  | ICSAB  | 06/11/25 14:37 |         | Jaswal   | OK     |
| 15  | CCV01       | CCV01    | CCV    | 06/11/25 14:42 |         | Jaswal   | OK     |
| 16  | CCB01       | CCB01    | CCB    | 06/11/25 14:46 |         | Jaswal   | OK     |
| 17  | Q2238-01    | 0528     | SAM    | 06/11/25 14:51 |         | Jaswal   | OK     |
| 18  | Q2238-01DUP | 0528DUP  | DUP    | 06/11/25 14:55 |         | Jaswal   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136119**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 6/12/2025 2:20:51 PM |
| Supervise By     | jaswal                                          | Supervise On | 6/12/2025 5:41:36 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85867,MP85897,MP85871,MP85870,MP85869,MP85868 |              |                      |
| ICV Standard     | MP85934                                         |              |                      |
| CCV Standard     | MP85875                                         |              |                      |
| ICSA Standard    | MP85873,MP85874                                 |              |                      |
| CRI Standard     | MP85897                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85876,MP85877                                 |              |                      |

|    |             |                   |     |                |  |        |    |
|----|-------------|-------------------|-----|----------------|--|--------|----|
| 19 | Q2238-01L   | 0528L             | SD  | 06/11/25 14:59 |  | Jaswal | OK |
| 20 | Q2238-01MS  | 0528MS            | MS  | 06/11/25 15:04 |  | Jaswal | OK |
| 21 | Q2238-01MSD | 0528MSD           | MSD | 06/11/25 15:08 |  | Jaswal | OK |
| 22 | Q2238-01A   | 0528A             | PS  | 06/11/25 15:13 |  | Jaswal | OK |
| 23 | Q2279-01    | 301-469-5TH-AVE   | SAM | 06/11/25 15:57 |  | Jaswal | OK |
| 24 | Q2279-01DUP | 301-469-5TH-AVEDU | DUP | 06/11/25 16:07 |  | Jaswal | OK |
| 25 | Q2279-01L   | 301-469-5TH-AVEL  | SD  | 06/11/25 16:11 |  | Jaswal | OK |
| 26 | CCV02       | CCV02             | CCV | 06/11/25 16:33 |  | Jaswal | OK |
| 27 | CCB02       | CCB02             | CCB | 06/11/25 16:44 |  | Jaswal | OK |
| 28 | Q2279-01MS  | 301-469-5TH-AVEMS | MS  | 06/11/25 16:49 |  | Jaswal | OK |
| 29 | Q2279-01MSD | 301-469-5TH-AVEMS | MSD | 06/11/25 16:53 |  | Jaswal | OK |
| 30 | Q2279-01A   | 301-469-5TH-AVEA  | PS  | 06/11/25 16:57 |  | Jaswal | OK |
| 31 | PB168369TB  | PB168369TB        | MB  | 06/11/25 17:01 |  | Jaswal | OK |
| 32 | Q2214-04    | RBR251425         | SAM | 06/11/25 17:05 |  | Jaswal | OK |
| 33 | Q2271-04    | TP12-MHK-WC       | SAM | 06/11/25 17:10 |  | Jaswal | OK |
| 34 | Q2272-04    | TP-6              | SAM | 06/11/25 17:14 |  | Jaswal | OK |
| 35 | Q2273-04    | WC-4              | SAM | 06/11/25 17:19 |  | Jaswal | OK |
| 36 | Q2273-08    | WC-6              | SAM | 06/11/25 17:23 |  | Jaswal | OK |
| 37 | CCV03       | CCV03             | CCV | 06/11/25 17:27 |  | Jaswal | OK |
| 38 | CCB03       | CCB03             | CCB | 06/11/25 17:34 |  | Jaswal | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136119**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 6/12/2025 2:20:51 PM |
| Supervise By     | jaswal                                          | Supervise On | 6/12/2025 5:41:36 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85867,MP85897,MP85871,MP85870,MP85869,MP85868 |              |                      |
| ICV Standard     | MP85934                                         |              |                      |
| CCV Standard     | MP85875                                         |              |                      |
| ICSA Standard    | MP85873,MP85874                                 |              |                      |
| CRI Standard     | MP85897                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85876,MP85877                                 |              |                      |

|    |             |                |     |                |  |        |    |
|----|-------------|----------------|-----|----------------|--|--------|----|
| 39 | Q2274-04    | TP-13-MHP-WC   | SAM | 06/11/25 17:38 |  | Jaswal | OK |
| 40 | Q2278-04    | TP-2           | SAM | 06/11/25 17:43 |  | Jaswal | OK |
| 41 | Q2280-02    | VNJ-210        | SAM | 06/11/25 17:47 |  | Jaswal | OK |
| 42 | Q2280-04    | RT-4643        | SAM | 06/11/25 17:51 |  | Jaswal | OK |
| 43 | Q2285-05    | HAM-CONCRETE   | SAM | 06/11/25 17:56 |  | Jaswal | OK |
| 44 | Q2267-01    | WC-20250605    | SAM | 06/11/25 18:00 |  | Jaswal | OK |
| 45 | Q2267-01DUP | WC-20250605DUP | DUP | 06/11/25 18:04 |  | Jaswal | OK |
| 46 | Q2267-01L   | WC-20250605L   | SD  | 06/11/25 18:09 |  | Jaswal | OK |
| 47 | Q2267-01MS  | WC-20250605MS  | MS  | 06/11/25 18:13 |  | Jaswal | OK |
| 48 | Q2267-01MSD | WC-20250605MSD | MSD | 06/11/25 18:17 |  | Jaswal | OK |
| 49 | CCV04       | CCV04          | CCV | 06/11/25 18:21 |  | Jaswal | OK |
| 50 | CCB04       | CCB04          | CCB | 06/11/25 18:25 |  | Jaswal | OK |
| 51 | Q2267-01A   | WC-20250605A   | PS  | 06/11/25 18:29 |  | Jaswal | OK |
| 52 | PB168423BL  | PB168423BL     | MB  | 06/11/25 18:33 |  | Jaswal | OK |
| 53 | PB168423BS  | PB168423BS     | LCS | 06/11/25 18:38 |  | Jaswal | OK |
| 54 | PB168390TB  | PB168390TB     | MB  | 06/11/25 18:42 |  | Jaswal | OK |
| 55 | PB168415BL  | PB168415BL     | MB  | 06/11/25 18:46 |  | Jaswal | OK |
| 56 | PB168415BS  | PB168415BS     | LCS | 06/11/25 18:52 |  | Jaswal | OK |
| 57 | Q2278-01    | TP-2           | SAM | 06/11/25 18:56 |  | Jaswal | OK |
| 58 | Q2280-01    | VNJ-210        | SAM | 06/11/25 19:00 |  | Jaswal | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136119**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | Janvi                                           | Review On    | 6/12/2025 2:20:51 PM |
| Supervise By     | jaswal                                          | Supervise On | 6/12/2025 5:41:36 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP85867,MP85897,MP85871,MP85870,MP85869,MP85868 |              |                      |
| ICV Standard     | MP85934                                         |              |                      |
| CCV Standard     | MP85875                                         |              |                      |
| ICSA Standard    | MP85873,MP85874                                 |              |                      |
| CRI Standard     | MP85897                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP85876,MP85877                                 |              |                      |

|    |             |                   |     |                |                                       |        |    |
|----|-------------|-------------------|-----|----------------|---------------------------------------|--------|----|
| 59 | Q2283-01    | MOO-25-0166-MOO-2 | SAM | 06/11/25 19:05 |                                       | Jaswal | OK |
| 60 | CCV05       | CCV05             | CCV | 06/11/25 19:09 |                                       | Jaswal | OK |
| 61 | CCB05       | CCB05             | CCB | 06/11/25 19:14 |                                       | Jaswal | OK |
| 62 | Q2280-03    | RT-4643           | SAM | 06/11/25 19:19 |                                       | Jaswal | OK |
| 63 | Q2280-03DUP | RT-4643DUP        | DUP | 06/11/25 19:23 |                                       | Jaswal | OK |
| 64 | Q2280-03L   | RT-4643L          | SD  | 06/11/25 19:28 |                                       | Jaswal | OK |
| 65 | Q2280-03MS  | RT-4643MS         | MS  | 06/11/25 19:32 |                                       | Jaswal | OK |
| 66 | Q2280-03MSD | RT-4643MSD        | MSD | 06/11/25 19:36 |                                       | Jaswal | OK |
| 67 | Q2280-03A   | RT-4643A          | PS  | 06/11/25 19:40 |                                       | Jaswal | OK |
| 68 | Q2283-03    | PAD-061025        | SAM | 06/11/25 19:45 |                                       | Jaswal | OK |
| 69 | Q2286-01    | LAW-25-0082-LAW-2 | SAM | 06/11/25 19:49 |                                       | Jaswal | OK |
| 70 | Q2282-04    | 251233            | SAM | 06/11/25 19:55 |                                       | Jaswal | OK |
| 71 | Q2276-01DL  | MH-6-10-2025DL    | SAM | 06/11/25 19:59 | Straight 5x Dilution for All elements | Jaswal | OK |
| 72 | CCV06       | CCV06             | CCV | 06/11/25 20:06 |                                       | Jaswal | OK |
| 73 | CCB06       | CCB06             | CCB | 06/11/25 20:11 |                                       | Jaswal | OK |

**Instrument ID:** CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136124**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | MOHAN                                           | Review On    | 6/13/2025 3:23:20 PM  |
| Supervise By     | jaswal                                          | Supervise On | 6/13/2025 10:17:23 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85936,MP85938,MP85940,MP85941,MP85943,MP85944 |              |                       |
| ICV Standard     | MP85945                                         |              |                       |
| CCV Standard     | MP85947                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85949                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85946,MP85948,MP85950,MP85954                 |              |                       |

| Sr# | SampleId    | ClientID          | QcType   | Date           | Comment | Operator | Status |
|-----|-------------|-------------------|----------|----------------|---------|----------|--------|
| 1   | S0          | S0                | CAL1     | 06/12/25 09:52 |         | Ketan    | OK     |
| 2   | S0.2        | S0.2              | CAL2     | 06/12/25 09:55 |         | Ketan    | OK     |
| 3   | S2.5        | S2.5              | CAL3     | 06/12/25 09:57 |         | Ketan    | OK     |
| 4   | S5          | S5                | CAL4     | 06/12/25 09:59 |         | Ketan    | OK     |
| 5   | S7.5        | S7.5              | CAL5     | 06/12/25 10:01 |         | Ketan    | OK     |
| 6   | S10         | S10               | CAL6     | 06/12/25 10:04 |         | Ketan    | OK     |
| 7   | ICV35       | ICV35             | ICV      | 06/12/25 10:12 |         | Ketan    | OK     |
| 8   | ICB35       | ICB35             | ICB      | 06/12/25 10:14 |         | Ketan    | OK     |
| 9   | CCV30       | CCV30             | CCV      | 06/12/25 10:16 |         | Ketan    | OK     |
| 10  | CCB30       | CCB30             | CCB      | 06/12/25 10:19 |         | Ketan    | OK     |
| 11  | CRA         | CRA               | CRDL     | 06/12/25 10:21 |         | Ketan    | OK     |
| 12  | HighStd     | HighStd           | HIGH STD | 06/12/25 10:23 |         | Ketan    | OK     |
| 13  | ChkStd      | ChkStd            | SAM      | 06/12/25 10:25 |         | Ketan    | OK     |
| 14  | PB168424BL  | PB168424BL        | MB       | 06/12/25 10:28 |         | Ketan    | OK     |
| 15  | PB168424BS  | PB168424BS        | LCS      | 06/12/25 10:30 |         | Ketan    | OK     |
| 16  | Q2259-02    | OU4-PCS-TC-36-060 | SAM      | 06/12/25 10:32 |         | Ketan    | OK     |
| 17  | Q2259-04    | OU4-PCS-TC-37-060 | SAM      | 06/12/25 10:35 |         | Ketan    | OK     |
| 18  | Q2259-04DUP | OU4-PCS-TC-37-060 | DUP      | 06/12/25 10:37 |         | Ketan    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136124**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | MOHAN                                           | Review On    | 6/13/2025 3:23:20 PM  |
| Supervise By     | jaswal                                          | Supervise On | 6/13/2025 10:17:23 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85936,MP85938,MP85940,MP85941,MP85943,MP85944 |              |                       |
| ICV Standard     | MP85945                                         |              |                       |
| CCV Standard     | MP85947                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85949                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85946,MP85948,MP85950,MP85954                 |              |                       |

|    |             |                   |     |                |  |       |    |
|----|-------------|-------------------|-----|----------------|--|-------|----|
| 19 | Q2259-04MS  | OU4-PCS-TC-37-060 | MS  | 06/12/25 10:39 |  | Ketan | OK |
| 20 | Q2259-04MSD | OU4-PCS-TC-37-060 | MSD | 06/12/25 10:42 |  | Ketan | OK |
| 21 | CCV31       | CCV31             | CCV | 06/12/25 10:50 |  | Ketan | OK |
| 22 | CCB31       | CCB31             | CCB | 06/12/25 10:52 |  | Ketan | OK |
| 23 | PB168425BL  | PB168425BL        | MB  | 06/12/25 10:54 |  | Ketan | OK |
| 24 | PB168425BS  | PB168425BS        | LCS | 06/12/25 10:57 |  | Ketan | OK |
| 25 | Q2267-01    | WC-20250605       | SAM | 06/12/25 10:59 |  | Ketan | OK |
| 26 | Q2271-04    | TP12-MHK-WC       | SAM | 06/12/25 11:01 |  | Ketan | OK |
| 27 | Q2272-04    | TP-6              | SAM | 06/12/25 11:04 |  | Ketan | OK |
| 28 | Q2273-04    | WC-4              | SAM | 06/12/25 11:06 |  | Ketan | OK |
| 29 | Q2273-08    | WC-6              | SAM | 06/12/25 11:08 |  | Ketan | OK |
| 30 | Q2274-04    | TP-13-MHP-WC      | SAM | 06/12/25 11:10 |  | Ketan | OK |
| 31 | Q2278-04    | TP-2              | SAM | 06/12/25 11:13 |  | Ketan | OK |
| 32 | Q2280-02    | VNJ-210           | SAM | 06/12/25 11:15 |  | Ketan | OK |
| 33 | CCV32       | CCV32             | CCV | 06/12/25 11:17 |  | Ketan | OK |
| 34 | CCB32       | CCB32             | CCB | 06/12/25 11:20 |  | Ketan | OK |
| 35 | Q2280-04    | RT-4643           | SAM | 06/12/25 11:22 |  | Ketan | OK |
| 36 | Q2285-05    | HAM-CONCRETE      | SAM | 06/12/25 11:24 |  | Ketan | OK |
| 37 | Q2285-05DUP | HAM-CONCRETEDU    | DUP | 06/12/25 11:26 |  | Ketan | OK |
| 38 | Q2285-05MS  | HAM-CONCRETEMS    | MS  | 06/12/25 11:29 |  | Ketan | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136124**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | MOHAN                                           | Review On    | 6/13/2025 3:23:20 PM  |
| Supervise By     | jaswal                                          | Supervise On | 6/13/2025 10:17:23 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP85936,MP85938,MP85940,MP85941,MP85943,MP85944 |              |                       |
| ICV Standard     | MP85945                                         |              |                       |
| CCV Standard     | MP85947                                         |              |                       |
| ICSA Standard    |                                                 |              |                       |
| CRI Standard     | MP85949                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP85946,MP85948,MP85950,MP85954                 |              |                       |

|    |             |                   |     |                |  |       |    |
|----|-------------|-------------------|-----|----------------|--|-------|----|
| 39 | Q2285-05MSD | HAM-CONCRETEMS    | MSD | 06/12/25 11:31 |  | Ketan | OK |
| 40 | CCV33       | CCV33             | CCV | 06/12/25 11:38 |  | Ketan | OK |
| 41 | CCB33       | CCB33             | CCB | 06/12/25 11:40 |  | Ketan | OK |
| 42 | PB168424TB  | PB168424TB        | MB  | 06/12/25 11:42 |  | Ketan | OK |
| 43 | PB168369TB  | PB168369TB        | MB  | 06/12/25 11:45 |  | Ketan | OK |
| 44 | PB168390TB  | PB168390TB        | MB  | 06/12/25 11:47 |  | Ketan | OK |
| 45 | Q2259-04L   | OU4-PCS-TC-37-060 | SD  | 06/12/25 11:49 |  | Ketan | OK |
| 46 | Q2259-04A   | OU4-PCS-TC-37-060 | PS  | 06/12/25 11:52 |  | Ketan | OK |
| 47 | Q2285-05L   | HAM-CONCRETEL     | SD  | 06/12/25 11:54 |  | Ketan | OK |
| 48 | Q2285-05A   | HAM-CONCRETEA     | PS  | 06/12/25 11:56 |  | Ketan | OK |
| 49 | CCV34       | CCV34             | CCV | 06/12/25 11:58 |  | Ketan | OK |
| 50 | CCB34       | CCB34             | CCB | 06/12/25 12:01 |  | Ketan | OK |

SOP ID : M1311-TCLP-16  
SDG No : N/A  
Weigh By : N/A  
Balance ID : N/A  
pH Meter ID : WC PH METER-1  
Extraction By : JP  
Filter By : JP  
Pipette ID : N/A  
Tumbler ID : N/A  
TCLP Filter ID : 115525

Start Prep Date : N/A Time : N/A  
End Prep Date : N/A Time : N/A  
Combination Ratio : N/A  
ZHE Cleaning Batch : N/A  
Initial Room Temperature: N/A  
Final Room Temperature: N/A  
TCLP Technician Signature : *JP*  
Supervisor By : *12*

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| 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                 |

| Chemical Used        | ML/SAMPLE U       | Lot Number              |
|----------------------|-------------------|-------------------------|
| N/A                  | N/A               | N/A                     |
| N/A                  | N/A               | N/A                     |
| HNO3-TCLP,1N         | N/A               | WP112799                |
| pH Strips            | N/A               | W1931,W1934,W3171,W3172 |
| pH Strips            | W1940,W1941,W1942 | W3166,W1938,W1939,      |
| 1 Liter Amber        | N/A               | 90924-08                |
| 120ml Plastic bottle | N/A               | 2738                    |
| 1:1 HNO3             | N/A               | MP84041                 |

**Extraction Conformance/Non-Conformance Comments:**

Matrix spikes are added after foftation and before preservation. Q2267-01 IS USED FOR MS-MSD.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location          |
|----------------|-----------------------------------------|-------------------------------|
| 06-11-25 12:00 | <i>JP</i> <i>ICED Duom</i>              | <i>SPS.</i> <i>1681</i>       |
|                | Preparation Group                       | Analysis Group <i>met nrg</i> |

TCLP EXTRACTION LOGPAGE

PB168390

| Sample ID  | ClientID    | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB168390TB | LEB390      | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 4.93              | 1.5                     | N/A      |
| Q2267-01   | WC-20250605 | N/A            | N/A           | N/A                             | N/A          | N/A            | N/A             | 7.2               | 1.0                     | N/A      |

| SampleID   | ClientID    | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|-------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| PB168390TB | LEB390      | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |
| Q2267-01   | WC-20250605 | N/A               | N/A               | N/A           | N/A                          | <0.5     | N/A          |



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Parsons

ADDRESS: 301 Plainfield Rd

CITY Syracuse

STATE: NY

ZIP: 13212

ATTENTION: Stephen Liberatore

PHONE: 315-418-8767

FAX: NA

CLIENT PROJECT INFORMATION

PROJECT NAME: Con Ed Atlantic Ave

PROJECT NO.: 453457-01000 LOCATION: Brooklyn, NY

PROJECT MANAGER: Stephen Liberatore

e-mail: Stephen.Liberatore@parsons.com

PHONE: 315-418-8767 FAX: NA

CLIENT BILLING INFORMATION

BILL TO: Parsons

PO#:

ADDRESS: 301 Plainfield Rd

CITY Syracuse

STATE: NY

ZIP: 13212

ATTENTION: Stephen Liberatore PHONE: 315-418-8767

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 Day TAT 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) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data) ☐ Other

☐ EDD FORMAT

TCLP VOCs  
TCLP SVOCs  
PCB  
Flash point  
TCLP Extraction  
TCLP metals/mercury  
PH reactive solids  
reactive solids

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   | COMMENTS                                                                   |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|----------------------------------------------------------------------------|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | E             | E | E | E | E | E | E | ← Specify Preservatives<br>A-HCl D-NaOH<br>B-HNO3 E-ICE<br>C-H2SO4 F-OTHER |  |
| 1.                       | WC-20250605                      | W                |                | X    | 6/5/25               | 1520 | 8            | X             | X | X | X | X | X | X |                                                                            |  |
| 2.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 3.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |                                                                            |  |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                    |                                   |                                                                                                                                                             |
|--------------------------|--------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME:         | RECEIVED BY:                      | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP |
| 1. <u>Ym M</u>           | <u>6-5-25/1330</u> | 1. <u>[Signature]</u> <u>1330</u> | <u>3.0</u> °C                                                                                                                                               |
| RELINQUISHED BY SAMPLER: | DATE/TIME:         | RECEIVED BY:                      | Comments: <u>Please CC kirsten.valentini@parsons.com</u>                                                                                                    |
| 2. <u>[Signature]</u>    |                    | 2. <u>[Signature]</u>             |                                                                                                                                                             |
| RELINQUISHED BY SAMPLER: | DATE/TIME:         | RECEIVED BY:                      |                                                                                                                                                             |
| 3. <u>[Signature]</u>    | <u>6-6-25</u>      | 3. <u>[Signature]</u>             |                                                                                                                                                             |

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

### 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                | T104704488       |