

## Cover Page

**Order ID :** Q2392

**Project ID :** Thomas McGoven

**Client :** Earth Engineering Inc.

**Lab Sample Number**

Q2392-01  
Q2392-02

**Client Sample Number**

S-1  
S-1A

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: 7/2/2025

## DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|           |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>J</b>  | 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).                                                                                                                                                                                  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.                                                                                                                                                                                                                                                                                                                     |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                      |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference                                                                                                                                                                                                                                                                                             |
| <b>M</b>  | Indicates Duplicate injection precision not met.                                                                                                                                                                                                                                                                                                                              |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.                                                                                                                                                                                                                                                                                                            |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).                                                                                                                                                                                                                                                                                         |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.                                                                                                                                                                                                                                                                                                           |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.                                                                                                                                                                                                                                                                                                         |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.                                                                                                                                                                                                                                       |
| <b>M</b>  | 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 |
| <b>OR</b> | Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                              |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                |
| <b>H</b>  | Sample Analysis Out Of Hold Time                                                                                                                                                                                                                                                                                                                                              |

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2392

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 Custody

✓

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: 07/02/2025

## LAB CHRONICLE

**OrderID:** Q2392  
**Client:** Earth Engineering Inc.  
**Contact:** Frank Dougherty, LSRP

**OrderDate:** 6/23/2025 10:03:33 AM  
**Project:** Thomas McGoven  
**Location:** A41

| LabID    | ClientID | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q2392-01 | S-1      | SOIL   |                |        | 06/23/25    |           |           | 06/23/25 |
|          |          |        | Mercury        | 7471B  |             | 06/24/25  | 06/26/25  |          |
|          |          |        | Metals ICP-TAL | 6010D  |             | 06/24/25  | 06/25/25  |          |

### Hit Summary Sheet SW-846

**SDG No.:** Q2392

**Order ID:** Q2392

**Client:** Earth Engineering Inc.

**Project ID:** Thomas McGoven

| Sample ID              | Client ID | Matrix | Parameter | Concentration | C | MDL    | RDL   | Units |
|------------------------|-----------|--------|-----------|---------------|---|--------|-------|-------|
| <b>Client ID : S-1</b> |           |        |           |               |   |        |       |       |
| Q2392-01               | S-1       | SOIL   | Aluminum  | 1280          |   | 0.85   | 5.04  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Antimony  | 0.61          | J | 0.22   | 2.52  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Arsenic   | 2.52          |   | 0.19   | 1.01  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Barium    | 26.7          |   | 0.74   | 5.04  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Beryllium | 0.49          |   | 0.025  | 0.30  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Calcium   | 1970          |   | 11.2   | 101   | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Chromium  | 3.24          |   | 0.047  | 0.50  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Cobalt    | 3.77          |   | 0.10   | 1.51  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Copper    | 21.1          |   | 0.22   | 1.01  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Iron      | 4040          |   | 4.03   | 5.04  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Lead      | 9.27          |   | 0.13   | 0.61  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Magnesium | 187           |   | 12.1   | 101   | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Manganese | 23.9          |   | 0.14   | 1.01  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Mercury   | 0.015         |   | 0.0080 | 0.014 | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Nickel    | 5.55          |   | 0.13   | 2.02  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Potassium | 294           |   | 27.9   | 101   | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Selenium  | 0.92          | J | 0.26   | 1.01  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Sodium    | 126           |   | 18.0   | 101   | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Vanadium  | 11.0          |   | 0.25   | 2.02  | mg/Kg |
| Q2392-01               | S-1       | SOIL   | Zinc      | 9.38          |   | 0.11   | 2.02  | mg/Kg |



# SAMPLE DATA

## Report of Analysis

|                   |                        |                 |          |
|-------------------|------------------------|-----------------|----------|
| Client:           | Earth Engineering Inc. | Date Collected: | 06/23/25 |
| Project:          | Thomas McGoven         | Date Received:  | 06/23/25 |
| Client Sample ID: | S-1                    | SDG No.:        | Q2392    |
| Lab Sample ID:    | Q2392-01               | Matrix:         | SOIL     |
| Level (low/med):  | low                    | % Solid:        | 92.2     |

| Cas       | Parameter | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 1280  |      | 1  | 0.85   | 5.04       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-36-0 | Antimony  | 0.61  | JN*  | 1  | 0.22   | 2.52       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-38-2 | Arsenic   | 2.52  | *    | 1  | 0.19   | 1.01       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-39-3 | Barium    | 26.7  |      | 1  | 0.74   | 5.04       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-41-7 | Beryllium | 0.49  | N    | 1  | 0.025  | 0.30       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-43-9 | Cadmium   | 0.024 | U    | 1  | 0.024  | 0.30       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-70-2 | Calcium   | 1970  | *    | 1  | 11.2   | 101        | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-47-3 | Chromium  | 3.24  | N*   | 1  | 0.047  | 0.50       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-48-4 | Cobalt    | 3.77  | N    | 1  | 0.10   | 1.51       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-50-8 | Copper    | 21.1  | N*   | 1  | 0.22   | 1.01       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7439-89-6 | Iron      | 4040  | *    | 1  | 4.03   | 5.04       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7439-92-1 | Lead      | 9.27  |      | 1  | 0.13   | 0.61       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7439-95-4 | Magnesium | 187   |      | 1  | 12.1   | 101        | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7439-96-5 | Manganese | 23.9  | *    | 1  | 0.14   | 1.01       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7439-97-6 | Mercury   | 0.015 |      | 1  | 0.0080 | 0.014      | mg/Kg             | 06/24/25 15:35 | 06/26/25 10:25 | 7471B    |           |
| 7440-02-0 | Nickel    | 5.55  | N*   | 1  | 0.13   | 2.02       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-09-7 | Potassium | 294   | N    | 1  | 27.9   | 101        | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7782-49-2 | Selenium  | 0.92  | JN*  | 1  | 0.26   | 1.01       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-22-4 | Silver    | 0.12  | UN*  | 1  | 0.12   | 0.50       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-23-5 | Sodium    | 126   | N    | 1  | 18.0   | 101        | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-28-0 | Thallium  | 0.23  | U    | 1  | 0.23   | 2.02       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-62-2 | Vanadium  | 11.0  | N    | 1  | 0.25   | 2.02       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |
| 7440-66-6 | Zinc      | 9.38  | N    | 1  | 0.11   | 2.02       | mg/Kg             | 06/24/25 13:15 | 06/25/25 18:21 | 6010D    | SW3050    |

|               |            |                 |            |        |
|---------------|------------|-----------------|------------|--------|
| Color Before: | Brown      | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow     | Clarity After:  | Artifacts: |        |
| Comments:     | TCL+30/TAL |                 |            |        |

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

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



# METAL CALIBRATION DATA

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

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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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV06     | Mercury | 3.93           | 4.0        | 98            | 90 - 110                  | CV | 06/26/2025       | 10:05            | LB136362      |

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**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

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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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV16     | Mercury | 5.16           | 5.0        | 103           | 90 - 110                  | CV | 06/26/2025       | 10:09            | LB136362      |
| CCV17     | Mercury | 5.46           | 5.0        | 109           | 90 - 110                  | CV | 06/26/2025       | 10:37            | LB136362      |
| CCV18     | Mercury | 5.19           | 5.0        | 104           | 90 - 110                  | CV | 06/26/2025       | 11:07            | LB136362      |
| CCV19     | Mercury | 4.98           | 5.0        | 100           | 90 - 110                  | CV | 06/26/2025       | 11:27            | LB136362      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392  
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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 8070           | 8000       | 101           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Antimony  | 4210           | 4000       | 105           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Arsenic   | 3960           | 4000       | 99            | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Barium    | 8170           | 8000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Beryllium | 207            | 200        | 104           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Cadmium   | 2020           | 2000       | 101           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Calcium   | 20100          | 20000      | 101           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Chromium  | 831            | 800        | 104           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Cobalt    | 2050           | 2000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Copper    | 1060           | 1000       | 106           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Iron      | 4100           | 4000       | 103           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Lead      | 3990           | 4000       | 100           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Magnesium | 20300          | 20000      | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Manganese | 2030           | 2000       | 101           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Nickel    | 2040           | 2000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Potassium | 19500          | 20000      | 98            | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Selenium  | 4090           | 4000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Silver    | 1020           | 1000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Sodium    | 20100          | 20000      | 100           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Thallium  | 3950           | 4000       | 99            | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Vanadium  | 2040           | 2000       | 102           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |
|           | Zinc      | 2060           | 2000       | 103           | 95 - 105                  | P | 06/25/2025       | 13:08            | LB136273      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 99.0           | 100        | 99            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Antimony  | 55.5           | 50.0       | 111           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Arsenic   | 20.3           | 20.0       | 102           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Barium    | 106            | 100        | 106           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Beryllium | 6.62           | 6.0        | 110           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Cadmium   | 5.93           | 6.0        | 99            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Calcium   | 2100           | 2000       | 105           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Chromium  | 10.1           | 10.0       | 101           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Cobalt    | 31.1           | 30.0       | 104           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Copper    | 22.0           | 20.0       | 110           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Iron      | 92.0           | 100        | 92            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Lead      | 13.2           | 12.0       | 110           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Magnesium | 2340           | 2000       | 117           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Manganese | 24.0           | 20.0       | 120           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Nickel    | 41.4           | 40.0       | 103           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Potassium | 1700           | 2000       | 85            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Selenium  | 22.8           | 20.0       | 114           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Silver    | 10.6           | 10.0       | 106           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Sodium    | 1920           | 2000       | 96            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Thallium  | 41.7           | 40.0       | 104           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Vanadium  | 36.5           | 40.0       | 91            | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |
|           | Zinc      | 42.1           | 40.0       | 105           | 80 - 120                  | P | 06/25/2025       | 13:20            | LB136273      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Antimony  | 5110           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Arsenic   | 5030           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Barium    | 10100          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Beryllium | 266            | 250        | 106           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Cadmium   | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Calcium   | 25500          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Cobalt    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Copper    | 1310           | 1250       | 105           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Iron      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Lead      | 5060           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Magnesium | 25400          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Manganese | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Selenium  | 5090           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Silver    | 1280           | 1250       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Sodium    | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Thallium  | 5070           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Vanadium  | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 16:04            | LB136273      |
| CCV02     | Aluminum  | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Antimony  | 5100           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Arsenic   | 5030           | 5000       | 100           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Beryllium | 267            | 250        | 107           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Cadmium   | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Calcium   | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Cobalt    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Copper    | 1320           | 1250       | 106           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Iron      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Lead      | 5050           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 25500          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Manganese | 2570           | 2500       | 103           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Nickel    | 2510           | 2500       | 100           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Selenium  | 5090           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Silver    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Sodium    | 25700          | 25000      | 103           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Thallium  | 5050           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Vanadium  | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 16:57            | LB136273      |
| CCV03     | Aluminum  | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Antimony  | 5150           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Arsenic   | 5110           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Beryllium | 258            | 250        | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Cadmium   | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Calcium   | 25700          | 25000      | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Cobalt    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Copper    | 1270           | 1250       | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Iron      | 5130           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Lead      | 5070           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Magnesium | 25600          | 25000      | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Manganese | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Nickel    | 2520           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Potassium | 26900          | 25000      | 108           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Selenium  | 5180           | 5000       | 104           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Silver    | 1300           | 1250       | 104           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Sodium    | 25500          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Thallium  | 5070           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Vanadium  | 2570           | 2500       | 103           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
|           | Zinc      | 2600           | 2500       | 104           | 90 - 110                  | P | 06/25/2025       | 18:00            | LB136273      |
| CCV04     | Aluminum  | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Antimony  | 5090           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 5010           | 5000       | 100           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Beryllium | 269            | 250        | 108           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Cadmium   | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Calcium   | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Cobalt    | 2520           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Copper    | 1330           | 1250       | 106           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Iron      | 5150           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Lead      | 5030           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Magnesium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Manganese | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Nickel    | 2510           | 2500       | 100           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Selenium  | 5060           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Silver    | 1280           | 1250       | 103           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Thallium  | 5020           | 5000       | 100           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Vanadium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 18:55            | LB136273      |
| CCV05     | Aluminum  | 10300          | 10000      | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Antimony  | 5150           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Arsenic   | 5070           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Barium    | 10300          | 10000      | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Beryllium | 271            | 250        | 108           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Cadmium   | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Calcium   | 25800          | 25000      | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Chromium  | 1050           | 1000       | 105           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Cobalt    | 2540           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Copper    | 1340           | 1250       | 107           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Iron      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Lead      | 5080           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Magnesium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Manganese | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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     | Nickel    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Selenium  | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Silver    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Sodium    | 26100          | 25000      | 104           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Thallium  | 5060           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Vanadium  | 2570           | 2500       | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
|           | Zinc      | 2570           | 2500       | 103           | 90 - 110                  | P | 06/25/2025       | 19:52            | LB136273      |
| CCV06     | Aluminum  | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Antimony  | 5170           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Arsenic   | 5080           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Beryllium | 267            | 250        | 107           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Cadmium   | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Calcium   | 25400          | 25000      | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Chromium  | 1030           | 1000       | 103           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Cobalt    | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Copper    | 1330           | 1250       | 106           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Iron      | 5040           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Lead      | 5100           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Magnesium | 25200          | 25000      | 101           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Manganese | 2510           | 2500       | 100           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Nickel    | 2550           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Potassium | 25200          | 25000      | 101           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Selenium  | 5160           | 5000       | 103           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Silver    | 1270           | 1250       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Sodium    | 25600          | 25000      | 103           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Thallium  | 5110           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Vanadium  | 2540           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
|           | Zinc      | 2570           | 2500       | 103           | 90 - 110                  | P | 06/25/2025       | 20:46            | LB136273      |
| CCV07     | Aluminum  | 10100          | 10000      | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Antimony  | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Arsenic   | 5040           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Barium    | 10100          | 10000      | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392  
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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 259            | 250        | 104           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Cadmium   | 2540           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Calcium   | 25000          | 25000      | 100           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Chromium  | 1020           | 1000       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Cobalt    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Iron      | 5050           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Lead      | 5060           | 5000       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Magnesium | 24800          | 25000      | 99            | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Manganese | 2480           | 2500       | 99            | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Nickel    | 2540           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Potassium | 24900          | 25000      | 100           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Selenium  | 5120           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Silver    | 1250           | 1250       | 100           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Sodium    | 25200          | 25000      | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Thallium  | 5080           | 5000       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Vanadium  | 2520           | 2500       | 101           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/25/2025       | 21:12            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum  | 7840           | 8000       | 98            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Antimony  | 4280           | 4000       | 107           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Arsenic   | 3910           | 4000       | 98            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Barium    | 8020           | 8000       | 100           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Beryllium | 204            | 200        | 102           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Cadmium   | 1990           | 2000       | 100           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Calcium   | 19600          | 20000      | 98            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Chromium  | 757            | 800        | 95            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Cobalt    | 1970           | 2000       | 99            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Copper    | 1040           | 1000       | 104           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Iron      | 3850           | 4000       | 96            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Lead      | 3950           | 4000       | 99            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Magnesium | 20200          | 20000      | 101           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Manganese | 1990           | 2000       | 100           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Nickel    | 1950           | 2000       | 98            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Potassium | 19500          | 20000      | 97            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Selenium  | 4050           | 4000       | 101           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Silver    | 941            | 1000       | 94            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Sodium    | 20500          | 20000      | 102           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Thallium  | 3950           | 4000       | 99            | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Vanadium  | 2020           | 2000       | 101           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |
|           | Zinc      | 2030           | 2000       | 101           | 95 - 105                  | P | 06/27/2025       | 11:45            | LB136319      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum  | 94.7           | 100        | 95            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Antimony  | 57.4           | 50.0       | 115           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Arsenic   | 16.7           | 20.0       | 84            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Barium    | 99.9           | 100        | 100           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Beryllium | 6.43           | 6.0        | 107           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Cadmium   | 5.74           | 6.0        | 96            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Calcium   | 2080           | 2000       | 104           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Chromium  | 11.1           | 10.0       | 112           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Cobalt    | 30.3           | 30.0       | 101           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Copper    | 22.3           | 20.0       | 112           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Iron      | 111            | 100        | 111           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Lead      | 10.3           | 12.0       | 86            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Magnesium | 2270           | 2000       | 114           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Manganese | 22.8           | 20.0       | 114           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Nickel    | 39.8           | 40.0       | 100           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Potassium | 1800           | 2000       | 90            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Selenium  | 19.5           | 20.0       | 98            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Silver    | 10.7           | 10.0       | 107           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Sodium    | 1900           | 2000       | 95            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Thallium  | 40.7           | 40.0       | 102           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Vanadium  | 47.8           | 40.0       | 119           | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |
|           | Zinc      | 34.2           | 40.0       | 85            | 80 - 120                  | P | 06/27/2025       | 12:03            | LB136319      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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     | Aluminum  | 9460           | 10000      | 95            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Antimony  | 5000           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Arsenic   | 4830           | 5000       | 97            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Barium    | 10100          | 10000      | 101           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Beryllium | 250            | 250        | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Cadmium   | 2460           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Calcium   | 24700          | 25000      | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Chromium  | 1030           | 1000       | 103           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Cobalt    | 2470           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Copper    | 1250           | 1250       | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Iron      | 5370           | 5000       | 108           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Lead      | 4980           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Magnesium | 25700          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Manganese | 2520           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Nickel    | 2510           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Potassium | 24900          | 25000      | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Selenium  | 5040           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Silver    | 1230           | 1250       | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Sodium    | 25000          | 25000      | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Thallium  | 5000           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Vanadium  | 2480           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
|           | Zinc      | 2510           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 13:22            | LB136319      |
| CCV02     | Aluminum  | 9650           | 10000      | 96            | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Antimony  | 5050           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Arsenic   | 4900           | 5000       | 98            | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Beryllium | 256            | 250        | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Cadmium   | 2500           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Calcium   | 25000          | 25000      | 100           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Cobalt    | 2510           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Iron      | 5250           | 5000       | 105           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Lead      | 5070           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Magnesium | 26100          | 25000      | 104           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Manganese | 2540           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Nickel    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Potassium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Selenium  | 5100           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Sodium    | 25800          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Thallium  | 5080           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Vanadium  | 2500           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
|           | Zinc      | 2550           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 14:19            | LB136319      |
| CCV03     | Aluminum  | 9690           | 10000      | 97            | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Antimony  | 5100           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Arsenic   | 4930           | 5000       | 99            | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Barium    | 10300          | 10000      | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Beryllium | 257            | 250        | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Cadmium   | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Calcium   | 25400          | 25000      | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Cobalt    | 2540           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Iron      | 5340           | 5000       | 107           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Lead      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Magnesium | 26300          | 25000      | 105           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Manganese | 2560           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Nickel    | 2560           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Potassium | 25800          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Selenium  | 5170           | 5000       | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Silver    | 1270           | 1250       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Sodium    | 26000          | 25000      | 104           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Thallium  | 5140           | 5000       | 103           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Vanadium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 15:12            | LB136319      |
| CCV04     | Aluminum  | 10300          | 10000      | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Antimony  | 5110           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392  
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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Arsenic   | 4940           | 5000       | 99            | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Barium    | 10300          | 10000      | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Beryllium | 256            | 250        | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Cadmium   | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Calcium   | 25400          | 25000      | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Chromium  | 1010           | 1000       | 101           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Cobalt    | 2540           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Copper    | 1290           | 1250       | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Iron      | 5250           | 5000       | 105           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Lead      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Magnesium | 26100          | 25000      | 105           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Manganese | 2580           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Nickel    | 2550           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Potassium | 25800          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Selenium  | 5160           | 5000       | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Silver    | 1260           | 1250       | 101           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Sodium    | 26000          | 25000      | 104           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Thallium  | 5130           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Vanadium  | 2550           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
|           | Zinc      | 2570           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 16:04            | LB136319      |
| CCV05     | Aluminum  | 9590           | 10000      | 96            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Antimony  | 4950           | 5000       | 99            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Arsenic   | 4820           | 5000       | 96            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Barium    | 10200          | 10000      | 102           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Beryllium | 255            | 250        | 102           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Cadmium   | 2460           | 2500       | 98            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Calcium   | 24800          | 25000      | 99            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Chromium  | 1040           | 1000       | 104           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Cobalt    | 2460           | 2500       | 98            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Copper    | 1280           | 1250       | 102           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Iron      | 5380           | 5000       | 108           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Lead      | 4960           | 5000       | 99            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Magnesium | 25300          | 25000      | 101           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Manganese | 2490           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392  
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     | Nickel    | 2500           | 2500       | 100           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Potassium | 25700          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Selenium  | 4980           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Silver    | 1230           | 1250       | 98            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Sodium    | 25900          | 25000      | 104           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Thallium  | 4980           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Vanadium  | 2470           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
|           | Zinc      | 2480           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 16:56            | LB136319      |
| CCV06     | Aluminum  | 9580           | 10000      | 96            | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Antimony  | 5020           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Arsenic   | 4880           | 5000       | 98            | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Barium    | 10400          | 10000      | 104           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Beryllium | 254            | 250        | 102           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Cadmium   | 2480           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Calcium   | 24900          | 25000      | 100           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Chromium  | 1030           | 1000       | 103           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Cobalt    | 2480           | 2500       | 99            | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Copper    | 1280           | 1250       | 102           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Iron      | 5430           | 5000       | 109           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Lead      | 5000           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Magnesium | 25800          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Manganese | 2540           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Nickel    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Potassium | 25700          | 25000      | 103           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Selenium  | 5030           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Silver    | 1220           | 1250       | 97            | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Sodium    | 26100          | 25000      | 105           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Thallium  | 5060           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Vanadium  | 2520           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
|           | Zinc      | 2560           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 17:49            | LB136319      |
| CCV07     | Aluminum  | 9940           | 10000      | 99            | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Antimony  | 5140           | 5000       | 103           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Arsenic   | 5050           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Barium    | 10600          | 10000      | 106           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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 |
|-----------|-----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV07     | Beryllium | 260            | 250        | 104           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Cadmium   | 2550           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Calcium   | 25300          | 25000      | 101           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Chromium  | 1030           | 1000       | 103           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Cobalt    | 2540           | 2500       | 102           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Copper    | 1310           | 1250       | 105           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Iron      | 5380           | 5000       | 108           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Lead      | 5120           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Magnesium | 26100          | 25000      | 104           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Manganese | 2590           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Nickel    | 2570           | 2500       | 103           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Potassium | 26400          | 25000      | 106           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Selenium  | 5140           | 5000       | 103           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Silver    | 1240           | 1250       | 99            | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Sodium    | 26800          | 25000      | 107           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Thallium  | 5190           | 5000       | 104           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Vanadium  | 2610           | 2500       | 104           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
|           | Zinc      | 2630           | 2500       | 105           | 90 - 110                  | P | 06/27/2025       | 18:41            | LB136319      |
| CCV08     | Aluminum  | 9930           | 10000      | 99            | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Antimony  | 5100           | 5000       | 102           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Arsenic   | 5000           | 5000       | 100           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Barium    | 10500          | 10000      | 105           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Beryllium | 256            | 250        | 102           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Cadmium   | 2520           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Calcium   | 25100          | 25000      | 100           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Chromium  | 1010           | 1000       | 100           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Cobalt    | 2520           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Copper    | 1290           | 1250       | 104           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Iron      | 5200           | 5000       | 104           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Lead      | 5040           | 5000       | 101           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Magnesium | 25600          | 25000      | 102           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Manganese | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Nickel    | 2530           | 2500       | 101           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |
|           | Potassium | 26300          | 25000      | 105           | 90 - 110                  | P | 06/27/2025       | 19:29            | LB136319      |



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|                                       |                               |                  |              |                  |              |                 |              |
|---------------------------------------|-------------------------------|------------------|--------------|------------------|--------------|-----------------|--------------|
| <b>Client:</b>                        | <u>Earth Engineering Inc.</u> | <b>SDG No.:</b>  | <u>Q2392</u> |                  |              |                 |              |
| <b>Contract:</b>                      | <u>EARTH03</u>                | <b>Lab Code:</b> | <u>CHEM</u>  | <b>Case No.:</b> | <u>Q2392</u> | <b>SAS No.:</b> | <u>Q2392</u> |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>                    |                  |              |                  |              |                 |              |
| <b>Continuing Calibration Source:</b> | <u>Inorganic Ventures</u>     |                  |              |                  |              |                 |              |

| Sample ID | Analyte  | Result | True Value | %        | Acceptance  | M | Analysis Date | Analysis Time | Run Number |
|-----------|----------|--------|------------|----------|-------------|---|---------------|---------------|------------|
|           |          | ug/L   |            | Recovery | Window (%R) |   |               |               |            |
| CCV08     | Selenium | 5060   | 5000       | 101      | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |
|           | Silver   | 1220   | 1250       | 98       | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |
|           | Sodium   | 26500  | 25000      | 106      | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |
|           | Thallium | 5130   | 5000       | 103      | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |
|           | Vanadium | 2550   | 2500       | 102      | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |
|           | Zinc     | 2610   | 2500       | 104      | 90 - 110    | P | 06/27/2025    | 19:29         | LB136319   |

**Metals**

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**CRDL STANDARD FOR AA & ICP**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**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> | Aluminum  | 103            | 100                | 103           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Antimony  | 49.6           | 50.0               | 99            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Arsenic   | 16.5           | 20.0               | 82            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Barium    | 99.4           | 100                | 99            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Beryllium | 6.43           | 6.0                | 107           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Cadmium   | 5.59           | 6.0                | 93            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Calcium   | 2000           | 2000               | 100           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Chromium  | 8.98           | 10.0               | 90            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Cobalt    | 29.9           | 30.0               | 100           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Copper    | 22.1           | 20.0               | 110           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Iron      | 107            | 100                | 107           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Lead      | 13.2           | 12.0               | 110           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Magnesium | 2150           | 2000               | 108           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Manganese | 24.3           | 20.0               | 122           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Nickel    | 38.6           | 40.0               | 96            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Potassium | 1940           | 2000               | 97            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Selenium  | 20.3           | 20.0               | 102           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Silver    | 9.71           | 10.0               | 97            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Sodium    | 1870           | 2000               | 94            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Thallium  | 36.8           | 40.0               | 92            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Vanadium  | 42.8           | 40.0               | 107           | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
|              | Zinc      | 39.7           | 40.0               | 99            | 65 - 135                  | P  | 06/25/2025       | 15:24            | LB136273      |
| <b>CRA</b>   | Mercury   | 0.22           | 0.2                | 110           | 70 - 130                  | CV | 06/26/2025       | 10:14            | LB136362      |
| <b>CRI01</b> | Aluminum  | 92.6           | 100                | 93            | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Antimony  | 56.3           | 50.0               | 113           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Arsenic   | 16.9           | 20.0               | 84            | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Barium    | 106            | 100                | 106           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Beryllium | 6.39           | 6.0                | 106           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Cadmium   | 5.61           | 6.0                | 94            | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Calcium   | 2090           | 2000               | 104           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Chromium  | 12.6           | 10.0               | 126           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Cobalt    | 30.4           | 30.0               | 101           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Copper    | 23.3           | 20.0               | 116           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Iron      | 109            | 100                | 108           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |
|              | Lead      | 12.2           | 12.0               | 101           | 65 - 135                  | P  | 06/27/2025       | 12:58            | LB136319      |

**Metals**

**- 2b -**

**CRDL STANDARD FOR AA & ICP**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392

**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

**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> | Magnesium | 2330           | 2000               | 117           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Manganese | 22.7           | 20.0               | 114           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Nickel    | 40.0           | 40.0               | 100           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Potassium | 1640           | 2000               | 82            | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Selenium  | 20.1           | 20.0               | 100           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Silver    | 11.2           | 10.0               | 112           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Sodium    | 1900           | 2000               | 95            | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Thallium  | 40.8           | 40.0               | 102           | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Vanadium  | 39.3           | 40.0               | 98            | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |
|              | Zinc      | 34.2           | 40.0               | 86            | 65 - 135                  | P | 06/27/2025       | 12:58            | LB136319      |



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

### Metals

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#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b>   | Earth Engineering Inc. |                  |                     |              | <b>SDG No.:</b>  | Q2392 |                  |                  |               |
|------------------|------------------------|------------------|---------------------|--------------|------------------|-------|------------------|------------------|---------------|
| <b>Contract:</b> | EARTH03                | <b>Lab Code:</b> | CHEM                |              | <b>Case No.:</b> | Q2392 | <b>SAS No.:</b>  | Q2392            |               |
| Sample ID        | Analyte                | Result<br>ug/L   | Acceptance<br>Limit | Conc<br>Qual | CRQL             | M     | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| ICB06            | Mercury                | 0.076            | +/-0.2              | U            | 0.20             | CV    | 06/26/2025       | 10:07            | LB136362      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB16     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/26/2025       | 10:11            | LB136362      |
| CCB17     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/26/2025       | 10:39            | LB136362      |
| CCB18     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/26/2025       | 11:09            | LB136362      |
| CCB19     | Mercury | 0.076          | +/-0.2              | U            | 0.20 | CV | 06/26/2025       | 11:30            | LB136362      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392

| 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     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 14:53            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 14:53            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/25/2025       | 14:53            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 14:53            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 14:53            | LB136273      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2392

Contract: EARTH03

Lab Code: CHEM

Case No.: Q2392

SAS No.: Q2392

| 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     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 16:09            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 16:09            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/25/2025       | 16:09            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 16:09            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 16:09            | LB136273      |
| CCB02     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 17:09            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 17:09            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/25/2025       | 17:09            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 17:09            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 17:09            | LB136273      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> <u>Earth Engineering Inc.</u> |                              | <b>SDG No.:</b> <u>Q2392</u>  |                              |              |      |   |                  |                  |               |
|----------------------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>EARTH03</u>              | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q2392</u> | <b>SAS No.:</b> <u>Q2392</u> |              |      |   |                  |                  |               |
| Sample ID                                    | Analyte                      | Result<br>ug/L                | Acceptance<br>Limit          | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| <b>CCB02</b>                                 | Silver                       | 1.62                          | +/-5                         | U            | 10.0 | P | 06/25/2025       | 17:09            | LB136273      |
|                                              | Sodium                       | 868                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 17:09            | LB136273      |
|                                              | Thallium                     | 4.38                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 17:09            | LB136273      |
|                                              | Vanadium                     | 6.26                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 17:09            | LB136273      |
|                                              | Zinc                         | 3.50                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 17:09            | LB136273      |
| <b>CCB03</b>                                 | Aluminum                     | 22.1                          | +/-50                        | J            | 100  | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Magnesium                    | 244                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Manganese                    | 5.94                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Nickel                       | 3.06                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Potassium                    | 918                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Selenium                     | 9.64                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Silver                       | 1.62                          | +/-5                         | U            | 10.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Sodium                       | 868                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Thallium                     | 4.38                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Vanadium                     | 6.26                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 18:07            | LB136273      |
|                                              | Zinc                         | 3.50                          | +/-20                        | U            | 40.0 | P | 06/25/2025       | 18:07            | LB136273      |
| <b>CCB04</b>                                 | Aluminum                     | 11.3                          | +/-50                        | U            | 100  | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/25/2025       | 18:59            | LB136273      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/25/2025       | 18:59            | LB136273      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2392

Contract: EARTH03

Lab Code: CHEM

Case No.: Q2392

SAS No.: Q2392

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 18:59            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 18:59            | LB136273      |
| CCB05     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 19:57            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 19:57            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/25/2025       | 19:57            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 19:57            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 19:57            | LB136273      |
| CCB06     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 20:50            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 20:50            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 20:50            | LB136273      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2392

Contract: EARTH03

Lab Code: CHEM

Case No.: Q2392

SAS No.: Q2392

| 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     | Chromium  | 9.17           | +/-5                | J*           | 10.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Iron      | 33.2           | +/-50               | J            | 100  | P | 06/25/2025       | 20:50            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 20:50            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 20:50            | LB136273      |
| CCB07     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/25/2025       | 21:16            | LB136273      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/25/2025       | 21:16            | LB136273      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/25/2025       | 21:16            | LB136273      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/25/2025       | 21:16            | LB136273      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/25/2025       | 21:16            | LB136273      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392

| 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     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/27/2025       | 12:54            | LB136319      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/27/2025       | 12:54            | LB136319      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/27/2025       | 12:54            | LB136319      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 12:54            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 12:54            | LB136319      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> <u>Earth Engineering Inc.</u> |                              | <b>SDG No.:</b> <u>Q2392</u>  |                              |              |      |   |                  |                  |               |
|----------------------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>EARTH03</u>              | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q2392</u> | <b>SAS No.:</b> <u>Q2392</u> |              |      |   |                  |                  |               |
| 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                                        | Aluminum                     | 11.3                          | +/-50                        | U            | 100  | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Magnesium                    | 244                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Manganese                    | 5.94                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Nickel                       | 3.06                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Potassium                    | 918                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Selenium                     | 9.64                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Silver                       | 1.62                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Sodium                       | 868                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Thallium                     | 4.38                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Vanadium                     | 6.26                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 13:31            | LB136319      |
|                                              | Zinc                         | 3.50                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 13:31            | LB136319      |
| CCB02                                        | Aluminum                     | 11.3                          | +/-50                        | U            | 100  | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Magnesium                    | 244                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Manganese                    | 5.94                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Nickel                       | 3.06                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Potassium                    | 918                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Selenium                     | 9.64                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 14:24            | LB136319      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> <u>Earth Engineering Inc.</u> |                              | <b>SDG No.:</b> <u>Q2392</u>  |                              |              |      |   |                  |                  |               |
|----------------------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>EARTH03</u>              | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q2392</u> | <b>SAS No.:</b> <u>Q2392</u> |              |      |   |                  |                  |               |
| Sample ID                                    | Analyte                      | Result<br>ug/L                | Acceptance<br>Limit          | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB02                                        | Silver                       | 1.62                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Sodium                       | 868                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Thallium                     | 4.38                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Vanadium                     | 6.26                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 14:24            | LB136319      |
|                                              | Zinc                         | 3.50                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 14:24            | LB136319      |
| CCB03                                        | Aluminum                     | 11.3                          | +/-50                        | U            | 100  | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Magnesium                    | 244                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Manganese                    | 5.94                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Nickel                       | 3.06                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Potassium                    | 918                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Selenium                     | 9.64                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Silver                       | 1.62                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Sodium                       | 868                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Thallium                     | 4.38                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Vanadium                     | 6.26                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 15:16            | LB136319      |
|                                              | Zinc                         | 3.50                          | +/-20                        | U            | 40.0 | P | 06/27/2025       | 15:16            | LB136319      |
| CCB04                                        | Aluminum                     | 11.3                          | +/-50                        | U            | 100  | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Antimony                     | 6.76                          | +/-25                        | U            | 50.0 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Arsenic                      | 5.12                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Barium                       | 14.6                          | +/-50                        | U            | 100  | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Beryllium                    | 0.56                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Cadmium                      | 0.50                          | +/-3                         | U            | 6.00 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Calcium                      | 234                           | +/-1000                      | U            | 2000 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Chromium                     | 2.12                          | +/-5                         | U            | 10.0 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Cobalt                       | 2.26                          | +/-15                        | U            | 30.0 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Copper                       | 4.60                          | +/-10                        | U            | 20.0 | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Iron                         | 23.4                          | +/-50                        | U            | 100  | P | 06/27/2025       | 16:09            | LB136319      |
|                                              | Lead                         | 2.30                          | +/-6                         | U            | 12.0 | P | 06/27/2025       | 16:09            | LB136319      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2392

Contract: EARTH03

Lab Code: CHEM

Case No.: Q2392

SAS No.: Q2392

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB04     | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 16:09            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 16:09            | LB136319      |
| CCB05     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/27/2025       | 17:01            | LB136319      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/27/2025       | 17:01            | LB136319      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/27/2025       | 17:01            | LB136319      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:01            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:01            | LB136319      |
| CCB06     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/27/2025       | 17:53            | LB136319      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/27/2025       | 17:53            | LB136319      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:53            | LB136319      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc.

SDG No.: Q2392

Contract: EARTH03

Lab Code: CHEM

Case No.: Q2392

SAS No.: Q2392

| 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     | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/27/2025       | 17:53            | LB136319      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:53            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 17:53            | LB136319      |
| CCB07     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/27/2025       | 18:46            | LB136319      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/27/2025       | 18:46            | LB136319      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/27/2025       | 18:46            | LB136319      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 18:46            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 18:46            | LB136319      |
| CCB08     | Aluminum  | 11.3           | +/-50               | U            | 100  | P | 06/27/2025       | 19:33            | LB136319      |
|           | Antimony  | 6.76           | +/-25               | U            | 50.0 | P | 06/27/2025       | 19:33            | LB136319      |

# Metals

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Earth Engineering Inc. SDG No.: Q2392  
Contract: EARTH03 Lab Code: CHEM Case No.: Q2392 SAS No.: Q2392

| Sample ID | Analyte   | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|-----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| CCB08     | Arsenic   | 5.12           | +/-10               | U            | 20.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Barium    | 14.6           | +/-50               | U            | 100  | P | 06/27/2025       | 19:33            | LB136319      |
|           | Beryllium | 0.56           | +/-3                | U            | 6.00 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Cadmium   | 0.50           | +/-3                | U            | 6.00 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Calcium   | 234            | +/-1000             | U            | 2000 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Chromium  | 2.12           | +/-5                | U            | 10.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Cobalt    | 2.26           | +/-15               | U            | 30.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Copper    | 4.60           | +/-10               | U            | 20.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Iron      | 23.4           | +/-50               | U            | 100  | P | 06/27/2025       | 19:33            | LB136319      |
|           | Lead      | 2.30           | +/-6                | U            | 12.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Magnesium | 244            | +/-1000             | U            | 2000 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Manganese | 5.94           | +/-10               | U            | 20.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Nickel    | 3.06           | +/-20               | U            | 40.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Potassium | 918            | +/-1000             | U            | 2000 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Selenium  | 9.64           | +/-10               | U            | 20.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Silver    | 1.62           | +/-5                | U            | 10.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Sodium    | 868            | +/-1000             | U            | 2000 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Thallium  | 4.38           | +/-20               | U            | 40.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Vanadium  | 6.26           | +/-20               | U            | 40.0 | P | 06/27/2025       | 19:33            | LB136319      |
|           | Zinc      | 3.50           | +/-20               | U            | 40.0 | P | 06/27/2025       | 19:33            | LB136319      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

| 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:** Earth Engineering Inc.

**SDG No.:** Q2392

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB168616BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB168616</b> |    | <b>Prep Date:</b> | <b>06/24/2025</b> |          |
|                   | Mercury | 0.0080            | <0.014              | U                    | 0.014           | CV | 06/26/2025        | 10:21             | LB136362 |

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

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Instrument:** P5

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB168598BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB168598</b> |   | <b>Prep Date:</b> | <b>06/24/2025</b> |          |
|                   | Aluminum     | 0.84              | <2.5                | U                    | 5.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Antimony     | 0.22              | <1.25               | U                    | 2.50            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Arsenic      | 0.19              | <0.5                | U                    | 1.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Barium       | 0.73              | <2.5                | U                    | 5.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Beryllium    | 0.025             | <0.15               | U                    | 0.30            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Cadmium      | 0.024             | <0.15               | U                    | 0.30            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Calcium      | 11.1              | <50                 | U                    | 100             | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Chromium     | 0.047             | <0.25               | U                    | 0.50            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Cobalt       | 0.10              | <0.75               | U                    | 1.50            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Copper       | 0.22              | <0.5                | U                    | 1.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Iron         | 3.99              | <2.5                | U                    | 5.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Lead         | 0.13              | <0.3                | U                    | 0.60            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Magnesium    | 12.0              | <50                 | U                    | 100             | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Manganese    | 0.14              | <0.5                | U                    | 1.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Nickel       | 0.13              | <1                  | U                    | 2.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Potassium    | 27.7              | <50                 | U                    | 100             | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Selenium     | 0.26              | <0.5                | U                    | 1.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Silver       | 0.12              | <0.25               | U                    | 0.50            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Sodium       | 17.8              | <50                 | U                    | 100             | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Thallium     | 0.23              | <1                  | U                    | 2.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Vanadium     | 0.25              | <1                  | U                    | 2.00            | P | 06/27/2025        | 15:55             | LB136319 |
|                   | Zinc         | 0.11              | <1                  | U                    | 2.00            | P | 06/27/2025        | 15:55             | LB136319 |

**Metals**  
**- 4 -**  
**INTERFERENCE CHECK SAMPLE**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**ICS Source:** EPA **Instrument ID:** P5

| 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>  | Aluminum  | 261000         | 250000             | 104           | 216000                 | 294000                  | 06/25/2025       | 15:29            | LB136273      |
|                | Antimony  | 23.7           |                    |               | -50                    | 50                      | 06/25/2025       | 15:29            | LB136273      |
|                | Arsenic   | -0.86          |                    |               | -20                    | 20                      | 06/25/2025       | 15:29            | LB136273      |
|                | Barium    | 5.64           | 6.0                | 94            | -94                    | 106                     | 06/25/2025       | 15:29            | LB136273      |
|                | Beryllium | 1.13           |                    |               | -6                     | 6                       | 06/25/2025       | 15:29            | LB136273      |
|                | Cadmium   | -2.31          | 1.0                | 231           | -5                     | 7                       | 06/25/2025       | 15:29            | LB136273      |
|                | Calcium   | 248000         | 240000             | 103           | 208000                 | 282000                  | 06/25/2025       | 15:29            | LB136273      |
|                | Chromium  | 52.4           | 52.0               | 101           | 42                     | 62                      | 06/25/2025       | 15:29            | LB136273      |
|                | Cobalt    | 22.6           |                    |               | -30                    | 30                      | 06/25/2025       | 15:29            | LB136273      |
|                | Copper    | -9.16          | 2.0                | 458           | -18                    | 22                      | 06/25/2025       | 15:29            | LB136273      |
|                | Iron      | 104000         | 100000             | 104           | 85600                  | 116500                  | 06/25/2025       | 15:29            | LB136273      |
|                | Lead      | 0.032          |                    |               | -12                    | 12                      | 06/25/2025       | 15:29            | LB136273      |
|                | Magnesium | 259000         | 260000             | 100           | 216000                 | 294000                  | 06/25/2025       | 15:29            | LB136273      |
|                | Manganese | 7.58           | 7.0                | 108           | -13                    | 27                      | 06/25/2025       | 15:29            | LB136273      |
|                | Nickel    | 4.65           | 2.0                | 232           | -38                    | 42                      | 06/25/2025       | 15:29            | LB136273      |
|                | Potassium | 6.15           |                    |               | 0                      | 0                       | 06/25/2025       | 15:29            | LB136273      |
|                | Selenium  | 1.93           |                    |               | -20                    | 20                      | 06/25/2025       | 15:29            | LB136273      |
|                | Silver    | -7.28          |                    |               | -10                    | 10                      | 06/25/2025       | 15:29            | LB136273      |
|                | Sodium    | 207            |                    |               | 0                      | 0                       | 06/25/2025       | 15:29            | LB136273      |
|                | Thallium  | 3.18           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
|                | Vanadium  | 3.48           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
|                | Zinc      | 12.9           |                    |               | -40                    | 40                      | 06/25/2025       | 15:29            | LB136273      |
| <b>ICSAB01</b> | Aluminum  | 249000         | 250000             | 100           | 209000                 | 285000                  | 06/25/2025       | 15:51            | LB136273      |
|                | Antimony  | 617            | 620                | 100           | 525                    | 711                     | 06/25/2025       | 15:51            | LB136273      |
|                | Arsenic   | 92.4           | 100                | 92            | 88.4                   | 120                     | 06/25/2025       | 15:51            | LB136273      |
|                | Barium    | 501            | 540                | 93            | 437                    | 637                     | 06/25/2025       | 15:51            | LB136273      |
|                | Beryllium | 523            | 500                | 105           | 420                    | 570                     | 06/25/2025       | 15:51            | LB136273      |
|                | Cadmium   | 985            | 970                | 102           | 826                    | 1120                    | 06/25/2025       | 15:51            | LB136273      |
|                | Calcium   | 239000         | 230000             | 104           | 199000                 | 271000                  | 06/25/2025       | 15:51            | LB136273      |
|                | Chromium  | 555            | 540                | 103           | 460                    | 624                     | 06/25/2025       | 15:51            | LB136273      |
|                | Cobalt    | 507            | 480                | 106           | 404                    | 548                     | 06/25/2025       | 15:51            | LB136273      |
|                | Copper    | 483            | 510                | 95            | 434                    | 588                     | 06/25/2025       | 15:51            | LB136273      |
|                | Iron      | 101000         | 99000              | 102           | 84400                  | 114500                  | 06/25/2025       | 15:51            | LB136273      |
|                | Lead      | 49.4           | 49.0               | 101           | 37                     | 61                      | 06/25/2025       | 15:51            | LB136273      |
|                | Magnesium | 249000         | 250000             | 100           | 210000                 | 286000                  | 06/25/2025       | 15:51            | LB136273      |
|                | Manganese | 498            | 510                | 98            | 430                    | 584                     | 06/25/2025       | 15:51            | LB136273      |
|                | Nickel    | 968            | 950                | 102           | 810                    | 1100                    | 06/25/2025       | 15:51            | LB136273      |
|                | Potassium | 4.79           |                    |               | 0                      | 0                       | 06/25/2025       | 15:51            | LB136273      |
|                | Selenium  | 48.1           | 46.0               | 105           | 26                     | 66                      | 06/25/2025       | 15:51            | LB136273      |
|                | Silver    | 206            | 200                | 103           | 170                    | 232                     | 06/25/2025       | 15:51            | LB136273      |
|                | Sodium    | 209            |                    |               | 0                      | 0                       | 06/25/2025       | 15:51            | LB136273      |
|                | Thallium  | 96.1           | 110                | 87            | 68                     | 148                     | 06/25/2025       | 15:51            | LB136273      |

**Metals**  
- 4 -  
**INTERFERENCE CHECK SAMPLE**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**ICS Source:** EPA **Instrument ID:** P5

| 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 |
|-----------|-----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Vanadium  | 488            | 490                | 100           | 417                    | 565                     | 06/25/2025       | 15:51            | LB136273      |
|           | Zinc      | 1020           | 950                | 107           | 809                    | 1095                    | 06/25/2025       | 15:51            | LB136273      |
| ICSA01    | Aluminum  | 240000         | 250000             | 96            | 216000                 | 294000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Antimony  | 21.2           |                    |               | -50                    | 50                      | 06/27/2025       | 13:04            | LB136319      |
|           | Arsenic   | 1.80           |                    |               | -20                    | 20                      | 06/27/2025       | 13:04            | LB136319      |
|           | Barium    | 5.72           | 6.0                | 95            | -94                    | 106                     | 06/27/2025       | 13:04            | LB136319      |
|           | Beryllium | 1.16           |                    |               | -6                     | 6                       | 06/27/2025       | 13:04            | LB136319      |
|           | Cadmium   | -1.37          | 1.0                | 137           | -5                     | 7                       | 06/27/2025       | 13:04            | LB136319      |
|           | Calcium   | 237000         | 240000             | 99            | 208000                 | 282000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Chromium  | 49.2           | 52.0               | 95            | 42                     | 62                      | 06/27/2025       | 13:04            | LB136319      |
|           | Cobalt    | 29.0           |                    |               | -30                    | 30                      | 06/27/2025       | 13:04            | LB136319      |
|           | Copper    | -5.04          | 2.0                | 252           | -18                    | 22                      | 06/27/2025       | 13:04            | LB136319      |
|           | Iron      | 101000         | 100000             | 101           | 85600                  | 116500                  | 06/27/2025       | 13:04            | LB136319      |
|           | Lead      | -0.17          |                    |               | -12                    | 12                      | 06/27/2025       | 13:04            | LB136319      |
|           | Magnesium | 257000         | 260000             | 99            | 216000                 | 294000                  | 06/27/2025       | 13:04            | LB136319      |
|           | Manganese | 5.41           | 7.0                | 77            | -13                    | 27                      | 06/27/2025       | 13:04            | LB136319      |
|           | Nickel    | 6.13           | 2.0                | 306           | -38                    | 42                      | 06/27/2025       | 13:04            | LB136319      |
|           | Potassium | 10.4           |                    |               | 0                      | 0                       | 06/27/2025       | 13:04            | LB136319      |
|           | Selenium  | 4.19           |                    |               | -20                    | 20                      | 06/27/2025       | 13:04            | LB136319      |
|           | Silver    | 4.58           |                    |               | -10                    | 10                      | 06/27/2025       | 13:04            | LB136319      |
|           | Sodium    | 137            |                    |               | 0                      | 0                       | 06/27/2025       | 13:04            | LB136319      |
|           | Thallium  | 17.3           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
|           | Vanadium  | 5.71           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
|           | Zinc      | 3.40           |                    |               | -40                    | 40                      | 06/27/2025       | 13:04            | LB136319      |
| ICSAB01   | Aluminum  | 236000         | 250000             | 94            | 209000                 | 285000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Antimony  | 633            | 620                | 102           | 525                    | 711                     | 06/27/2025       | 13:09            | LB136319      |
|           | Arsenic   | 100            | 100                | 100           | 88.4                   | 120                     | 06/27/2025       | 13:09            | LB136319      |
|           | Barium    | 518            | 540                | 96            | 437                    | 637                     | 06/27/2025       | 13:09            | LB136319      |
|           | Beryllium | 504            | 500                | 101           | 420                    | 570                     | 06/27/2025       | 13:09            | LB136319      |
|           | Cadmium   | 994            | 970                | 102           | 826                    | 1120                    | 06/27/2025       | 13:09            | LB136319      |
|           | Calcium   | 233000         | 230000             | 101           | 199000                 | 271000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Chromium  | 521            | 540                | 96            | 460                    | 624                     | 06/27/2025       | 13:09            | LB136319      |
|           | Cobalt    | 519            | 480                | 108           | 404                    | 548                     | 06/27/2025       | 13:09            | LB136319      |
|           | Copper    | 479            | 510                | 94            | 434                    | 588                     | 06/27/2025       | 13:09            | LB136319      |
|           | Iron      | 99300          | 99000              | 100           | 84400                  | 114500                  | 06/27/2025       | 13:09            | LB136319      |
|           | Lead      | 47.5           | 49.0               | 97            | 37                     | 61                      | 06/27/2025       | 13:09            | LB136319      |
|           | Magnesium | 252000         | 250000             | 101           | 210000                 | 286000                  | 06/27/2025       | 13:09            | LB136319      |
|           | Manganese | 502            | 510                | 98            | 430                    | 584                     | 06/27/2025       | 13:09            | LB136319      |
|           | Nickel    | 975            | 950                | 103           | 810                    | 1100                    | 06/27/2025       | 13:09            | LB136319      |
|           | Potassium | 6.48           |                    |               | 0                      | 0                       | 06/27/2025       | 13:09            | LB136319      |
|           | Selenium  | 55.8           | 46.0               | 121           | 26                     | 66                      | 06/27/2025       | 13:09            | LB136319      |
|           | Silver    | 195            | 200                | 98            | 170                    | 232                     | 06/27/2025       | 13:09            | LB136319      |

**Metals**

- 4 -

**INTERFERENCE CHECK SAMPLE**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**ICS Source:** EPA **Instrument ID:** P5

| 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 |
|-----------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| ICSAB01   | Sodium   | 135            |                    |               | 0                      | 0                       | 06/27/2025       | 13:09            | LB136319      |
|           | Thallium | 102            | 110                | 93            | 68                     | 148                     | 06/27/2025       | 13:09            | LB136319      |
|           | Vanadium | 487            | 490                | 99            | 417                    | 565                     | 06/27/2025       | 13:09            | LB136319      |
|           | Zinc     | 1030           | 950                | 108           | 809                    | 1095                    | 06/27/2025       | 13:09            | LB136319      |



# METAL

## QC

### DATA

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

**client:** Earth Engineering Inc. **level:** low **sdg no.:** Q2392  
**contract:** EARTH03 **lab code:** CHEM **case no.:** Q2392 **sas no.:** Q2392  
**matrix:** Solid **sample id:** Q2393-11 **client id:** PARK AVE -6MS  
**Percent Solids for Sample:** 86.8 **Spiked ID:** Q2393-11MS **Percent Solids for Spike Sample:** 86.8

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | mg/Kg | 75 - 125               | 9700             |   | 8830             |   | 100            | 857           |      | P |
| Antimony  | mg/Kg | 75 - 125               | 12.5             |   | 2.40             | J | 40.6           | 25            | N    | P |
| Arsenic   | mg/Kg | 75 - 125               | 41.0             |   | 4.93             |   | 40.6           | 89            |      | P |
| Barium    | mg/Kg | 75 - 125               | 57.6             |   | 49.4             |   | 10.2           | 81            |      | P |
| Beryllium | mg/Kg | 75 - 125               | 8.36             |   | 0.96             |   | 10.2           | 73            | N    | P |
| Cadmium   | mg/Kg | 75 - 125               | 9.50             |   | 0.31             | U | 10.2           | 94            |      | P |
| Calcium   | mg/Kg | 75 - 125               | 4960             |   | 6090             |   | 50.8           | -2234         |      | P |
| Chromium  | mg/Kg | 75 - 125               | 25.8             |   | 17.9             |   | 20.3           | 39            | N    | P |
| Cobalt    | mg/Kg | 75 - 125               | 20.9             |   | 12.7             |   | 10.2           | 80            |      | P |
| Copper    | mg/Kg | 75 - 125               | 27.9             |   | 29.5             |   | 15.2           | -11           | N    | P |
| Iron      | mg/Kg | 75 - 125               | 18500            |   | 37800            |   | 150            | -12673        |      | P |
| Lead      | mg/Kg | 75 - 125               | 60.9             |   | 15.5             |   | 50.8           | 90            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 2490             |   | 2600             |   | 100            | -105          |      | P |
| Manganese | mg/Kg | 75 - 125               | 342              |   | 575              |   | 10.2           | -2292         |      | P |
| Nickel    | mg/Kg | 75 - 125               | 37.3             |   | 21.3             |   | 25.4           | 63            | N    | P |
| Potassium | mg/Kg | 75 - 125               | 1110             |   | 692              |   | 510            | 82            |      | P |
| Selenium  | mg/Kg | 75 - 125               | 74.2             |   | 11.5             |   | 100            | 62            | N    | P |
| Silver    | mg/Kg | 75 - 125               | 3.24             |   | 1.34             |   | 3.8            | 50            | N    | P |
| Sodium    | mg/Kg | 75 - 125               | 404              |   | 363              |   | 150            | 27            | N    | P |
| Thallium  | mg/Kg | 75 - 125               | 93.4             |   | 2.06             | U | 100            | 92            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 43.5             |   | 34.8             |   | 15.2           | 58            | N    | P |
| Zinc      | mg/Kg | 75 - 125               | 39.2             |   | 38.0             |   | 10.2           | 13            | N    | P |

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

**client:** Earth Engineering Inc. **level:** low **sdg no.:** Q2392  
**contract:** EARTH03 **lab code:** CHEM **case no.:** Q2392 **sas no.:** Q2392  
**matrix:** Solid **sample id:** Q2393-11 **client id:** PARK AVE -6MSD  
**Percent Solids for Sample:** 86.8 **Spiked ID:** Q2393-11MSD **Percent Solids for Spike Sample:** 86.8

| Analyte   | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum  | mg/Kg | 75 - 125               | 8190          |   | 8830             |   | 100            | -621          |      | P |
| Antimony  | mg/Kg | 75 - 125               | 14.0          |   | 2.40             | J | 41.5           | 28            | N    | P |
| Arsenic   | mg/Kg | 75 - 125               | 44.0          |   | 4.93             |   | 41.5           | 94            |      | P |
| Barium    | mg/Kg | 75 - 125               | 48.5          |   | 49.4             |   | 10.4           | -9            |      | P |
| Beryllium | mg/Kg | 75 - 125               | 9.06          |   | 0.96             |   | 10.4           | 78            |      | P |
| Cadmium   | mg/Kg | 75 - 125               | 10.4          |   | 0.31             | U | 10.4           | 100           |      | P |
| Calcium   | mg/Kg | 75 - 125               | 6420          |   | 6090             |   | 51.9           | 633           |      | P |
| Chromium  | mg/Kg | 75 - 125               | 25.4          |   | 17.9             |   | 20.8           | 36            | N    | P |
| Cobalt    | mg/Kg | 75 - 125               | 19.5          |   | 12.7             |   | 10.4           | 66            | N    | P |
| Copper    | mg/Kg | 75 - 125               | 27.6          |   | 29.5             |   | 15.6           | -12           | N    | P |
| Iron      | mg/Kg | 75 - 125               | 15300         |   | 37800            |   | 160            | -14476        |      | P |
| Lead      | mg/Kg | 75 - 125               | 62.6          |   | 15.5             |   | 51.9           | 91            |      | P |
| Magnesium | mg/Kg | 75 - 125               | 2220          |   | 2600             |   | 100            | -362          |      | P |
| Manganese | mg/Kg | 75 - 125               | 267           |   | 575              |   | 10.4           | -2963         |      | P |
| Nickel    | mg/Kg | 75 - 125               | 36.6          |   | 21.3             |   | 25.9           | 59            | N    | P |
| Potassium | mg/Kg | 75 - 125               | 1070          |   | 692              |   | 520            | 72            | N    | P |
| Selenium  | mg/Kg | 75 - 125               | 82.2          |   | 11.5             |   | 100            | 68            | N    | P |
| Silver    | mg/Kg | 75 - 125               | 3.43          |   | 1.34             |   | 3.9            | 54            | N    | P |
| Sodium    | mg/Kg | 75 - 125               | 412           |   | 363              |   | 160            | 32            | N    | P |
| Thallium  | mg/Kg | 75 - 125               | 102           |   | 2.06             | U | 100            | 98            |      | P |
| Vanadium  | mg/Kg | 75 - 125               | 37.2          |   | 34.8             |   | 15.6           | 16            | N    | P |
| Zinc      | mg/Kg | 75 - 125               | 36.0          |   | 38.0             |   | 10.4           | -19           | N    | P |

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

**client:** Earth Engineering Inc. **level:** low **sdg no.:** Q2392  
**contract:** EARTH03 **lab code:** CHEM **case no.:** Q2392 **sas no.:** Q2392  
**matrix:** Solid **sample id:** Q2403-07 **client id:** ARS 20-0006MS  
**Percent Solids for Sample:** 95.2 **Spiked ID:** Q2403-07MS **Percent Solids for Spike Sample:** 95.2

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.29             |   | 0.037            |   | 0.26           | 96            |      | CV |

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

|                                   |                               |                   |                    |                                         |                       |                 |              |
|-----------------------------------|-------------------------------|-------------------|--------------------|-----------------------------------------|-----------------------|-----------------|--------------|
| <b>client:</b>                    | <u>Earth Engineering Inc.</u> | <b>level:</b>     | <u>low</u>         | <b>sdg no.:</b>                         | <u>Q2392</u>          |                 |              |
| <b>contract:</b>                  | <u>EARTH03</u>                | <b>lab code:</b>  | <u>CHEM</u>        | <b>case no.:</b>                        | <u>Q2392</u>          | <b>sas no.:</b> | <u>Q2392</u> |
| <b>matrix:</b>                    | <u>Solid</u>                  | <b>sample id:</b> | <u>Q2403-07</u>    | <b>client id:</b>                       | <u>ARS 20-0006MSD</u> |                 |              |
| <b>Percent Solids for Sample:</b> | 95.2                          | <b>Spiked ID:</b> | <u>Q2403-07MSD</u> | <b>Percent Solids for Spike Sample:</b> | 95.2                  |                 |              |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.29          |   | 0.037            |   | 0.28           | 89            |      | CV |

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

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Matrix:** Solid **Level:** LOW **Client ID:** PARK AVE -6A  
**Sample ID:** Q2393-11 **Spiked ID:** Q2393-11A

| Analyte   | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|-----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Antimony  | mg/Kg | 75 - 125               | 31.9             |   | 2.40             | J | 41.1           | 72            | N    | P |
| Beryllium | mg/Kg | 75 - 125               | 8.54             |   | 0.96             |   | 10.3           | 74            | N    | P |
| Chromium  | mg/Kg | 75 - 125               | 31.4             |   | 17.9             |   | 20.6           | 66            | N    | P |
| Cobalt    | mg/Kg | 75 - 125               | 21.9             |   | 12.7             |   | 10.3           | 89            |      | P |
| Copper    | mg/Kg | 75 - 125               | 40.5             |   | 29.5             |   | 15.4           | 71            | N    | P |
| Nickel    | mg/Kg | 75 - 125               | 44.4             |   | 21.3             |   | 25.7           | 90            |      | P |
| Potassium | mg/Kg | 75 - 125               | 1120             |   | 692              |   | 510            | 83            |      | P |
| Selenium  | mg/Kg | 75 - 125               | 83.8             |   | 11.5             |   | 100            | 72            | N    | P |
| Silver    | mg/Kg | 75 - 125               | 3.87             |   | 1.34             |   | 3.90           | 65            | N    | P |
| Sodium    | mg/Kg | 75 - 125               | 466              |   | 363              |   | 150            | 69            | N    | P |
| Vanadium  | mg/Kg | 75 - 125               | 44.4             |   | 34.8             |   | 15.4           | 62            | N    | P |
| Zinc      | mg/Kg | 75 - 125               | 44.0             |   | 38.0             |   | 10.3           | 58            | N    | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** Earth Engineering Inc. **Level:** LOW **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Matrix:** Solid **Sample ID:** Q2393-11 **Client ID:** PARK AVE -6DUP  
**Percent Solids for Sample:** 86.8 **Duplicate ID** Q2393-11DUP **Percent Solids for Spike Sample:** 86.8

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 8830          |   | 9470             |   | 7   |      | P |
| Antimony  | mg/Kg | 20               | 2.40          | J | 1.60             | J | 40  | *    | P |
| Arsenic   | mg/Kg | 20               | 4.93          |   | 3.59             |   | 31  | *    | P |
| Barium    | mg/Kg | 20               | 49.4          |   | 48.2             |   | 2   |      | P |
| Beryllium | mg/Kg | 20               | 0.96          |   | 0.79             |   | 20  |      | P |
| Cadmium   | mg/Kg | 20               | 0.31          | U | 0.28             | U |     |      | P |
| Calcium   | mg/Kg | 20               | 6090          |   | 7650             |   | 23  | *    | P |
| Chromium  | mg/Kg | 20               | 17.9          |   | 11.9             |   | 40  | *    | P |
| Cobalt    | mg/Kg | 20               | 12.7          |   | 11.9             |   | 7   |      | P |
| Copper    | mg/Kg | 20               | 29.5          |   | 19.0             |   | 43  | *    | P |
| Iron      | mg/Kg | 20               | 37800         |   | 17800            |   | 72  | *    | P |
| Lead      | mg/Kg | 20               | 15.5          |   | 16.1             |   | 4   |      | P |
| Magnesium | mg/Kg | 20               | 2600          |   | 2890             |   | 11  |      | P |
| Manganese | mg/Kg | 20               | 575           |   | 343              |   | 51  | *    | P |
| Nickel    | mg/Kg | 20               | 21.3          |   | 13.2             |   | 47  | *    | P |
| Potassium | mg/Kg | 20               | 692           |   | 685              |   | 1   |      | P |
| Selenium  | mg/Kg | 20               | 11.5          |   | 4.99             |   | 79  | *    | P |
| Silver    | mg/Kg | 20               | 1.34          |   | 0.52             |   | 88  | *    | P |
| Sodium    | mg/Kg | 20               | 363           |   | 304              |   | 18  |      | P |
| Thallium  | mg/Kg | 20               | 2.06          | U | 1.89             | U |     |      | P |
| Vanadium  | mg/Kg | 20               | 34.8          |   | 31.9             |   | 9   |      | P |
| Zinc      | mg/Kg | 20               | 38.0          |   | 31.5             |   | 19  |      | P |

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Earth Engineering Inc. **Level:** LOW **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Matrix:** Solid **Sample ID:** Q2393-11MS **Client ID:** PARK AVE -6MSD  
**Percent Solids for Sample:** 86.8 **Duplicate ID** Q2393-11MSD **Percent Solids for Spike Sample:** 86.8

| Analyte   | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|-----------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum  | mg/Kg | 20               | 9700          |   | 8190             |   | 17  |      | P |
| Antimony  | mg/Kg | 20               | 12.5          |   | 14.0             |   | 11  |      | P |
| Arsenic   | mg/Kg | 20               | 41.0          |   | 44.0             |   | 7   |      | P |
| Barium    | mg/Kg | 20               | 57.6          |   | 48.5             |   | 17  |      | P |
| Beryllium | mg/Kg | 20               | 8.36          |   | 9.06             |   | 8   |      | P |
| Cadmium   | mg/Kg | 20               | 9.50          |   | 10.4             |   | 9   |      | P |
| Calcium   | mg/Kg | 20               | 4960          |   | 6420             |   | 26  | *    | P |
| Chromium  | mg/Kg | 20               | 25.8          |   | 25.4             |   | 2   |      | P |
| Cobalt    | mg/Kg | 20               | 20.9          |   | 19.5             |   | 7   |      | P |
| Copper    | mg/Kg | 20               | 27.9          |   | 27.6             |   | 1   |      | P |
| Iron      | mg/Kg | 20               | 18500         |   | 15300            |   | 19  |      | P |
| Lead      | mg/Kg | 20               | 60.9          |   | 62.6             |   | 3   |      | P |
| Magnesium | mg/Kg | 20               | 2490          |   | 2220             |   | 11  |      | P |
| Manganese | mg/Kg | 20               | 342           |   | 267              |   | 25  | *    | P |
| Nickel    | mg/Kg | 20               | 37.3          |   | 36.6             |   | 2   |      | P |
| Potassium | mg/Kg | 20               | 1110          |   | 1070             |   | 4   |      | P |
| Selenium  | mg/Kg | 20               | 74.2          |   | 82.2             |   | 10  |      | P |
| Silver    | mg/Kg | 20               | 3.24          |   | 3.43             |   | 6   |      | P |
| Sodium    | mg/Kg | 20               | 404           |   | 412              |   | 2   |      | P |
| Thallium  | mg/Kg | 20               | 93.4          |   | 102              |   | 9   |      | P |
| Vanadium  | mg/Kg | 20               | 43.5          |   | 37.2             |   | 16  |      | P |
| Zinc      | mg/Kg | 20               | 39.2          |   | 36.0             |   | 9   |      | P |

# Metals

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## DUPLICATE SAMPLE SUMMARY

|                                   |                               |                     |                 |                                         |                       |                 |              |
|-----------------------------------|-------------------------------|---------------------|-----------------|-----------------------------------------|-----------------------|-----------------|--------------|
| <b>Client:</b>                    | <u>Earth Engineering Inc.</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q2392</u>          |                 |              |
| <b>Contract:</b>                  | <u>EARTH03</u>                | <b>Lab Code:</b>    | <u>CHEM</u>     | <b>Case No.:</b>                        | <u>Q2392</u>          | <b>SAS No.:</b> | <u>Q2392</u> |
| <b>Matrix:</b>                    | <u>Solid</u>                  | <b>Sample ID:</b>   | <u>Q2403-07</u> | <b>Client ID:</b>                       | <u>ARS 20-0006DUP</u> |                 |              |
| <b>Percent Solids for Sample:</b> | 95.2                          | <b>Duplicate ID</b> | Q2403-07DUP     | <b>Percent Solids for Spike Sample:</b> | 95.2                  |                 |              |

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.037            |   | 0.032               |   | 14  |      | CV |

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Earth Engineering Inc. **Level:** LOW **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392  
**Matrix:** Solid **Sample ID:** Q2403-07MS **Client ID:** ARS 20-0006MSD  
**Percent Solids for Sample:** 95.2 **Duplicate ID** Q2403-07MSD **Percent Solids for Spike Sample:** 95.2

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M  |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|----|
| Mercury | mg/Kg | 20                  | 0.29             |   | 0.29                |   | 1   |      | CV |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Case No.:** Q2392 **SAS No.:** Q2392

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB168598BS |       |            |        |   |               |                      |   |
| Aluminum   | mg/Kg | 100        | 100    | J | 100           | 80 - 120             | P |
| Antimony   | mg/Kg | 40.0       | 40.2   |   | 100           | 80 - 120             | P |
| Arsenic    | mg/Kg | 40.0       | 35.2   |   | 88            | 80 - 120             | P |
| Barium     | mg/Kg | 10.0       | 10.2   |   | 102           | 80 - 120             | P |
| Beryllium  | mg/Kg | 10.0       | 10.3   |   | 103           | 80 - 120             | P |
| Cadmium    | mg/Kg | 10.0       | 9.46   |   | 95            | 80 - 120             | P |
| Calcium    | mg/Kg | 50.0       | 50.1   |   | 100           | 80 - 120             | P |
| Chromium   | mg/Kg | 20.0       | 19.2   |   | 96            | 80 - 120             | P |
| Cobalt     | mg/Kg | 10.0       | 9.72   |   | 97            | 80 - 120             | P |
| Copper     | mg/Kg | 15.0       | 16.1   |   | 107           | 80 - 120             | P |
| Iron       | mg/Kg | 150        | 157    |   | 105           | 80 - 120             | P |
| Lead       | mg/Kg | 50.0       | 48.0   |   | 96            | 80 - 120             | P |
| Magnesium  | mg/Kg | 100        | 104    |   | 104           | 80 - 120             | P |
| Manganese  | mg/Kg | 10.0       | 10.4   |   | 104           | 80 - 120             | P |
| Nickel     | mg/Kg | 25.0       | 24.3   |   | 97            | 80 - 120             | P |
| Potassium  | mg/Kg | 500        | 440    |   | 88            | 80 - 120             | P |
| Selenium   | mg/Kg | 100        | 99.8   |   | 100           | 80 - 120             | P |
| Silver     | mg/Kg | 3.8        | 3.63   |   | 96            | 80 - 120             | P |
| Sodium     | mg/Kg | 150        | 146    |   | 97            | 80 - 120             | P |
| Thallium   | mg/Kg | 100        | 101    |   | 101           | 80 - 120             | P |
| Vanadium   | mg/Kg | 15.0       | 14.7   |   | 98            | 80 - 120             | P |
| Zinc       | mg/Kg | 10.0       | 9.93   |   | 99            | 80 - 120             | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB168616BS<br>Mercury | mg/Kg | 0.26       | 0.26   |   | 99            | 80 - 120             | CV |

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

**SAMPLE NO.**

PARK AVE -6L

**Lab Name:** Chemtech Consulting Group

**Contract:** EARTH03

**Lab Code:** CHEM **Lb No.:** lb136319 **Lab Sample ID :** Q2393-11L **SDG No.:** Q2392

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

**Concentration Units:** mg/Kg

| Analyte   | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Differ-<br>ence | Q | M |
|-----------|---------------------------|---|----------------------------|---|-------------------|---|---|
| Aluminum  | 8830                      |   | 10800                      |   | 23                |   | P |
| Antimony  | 2.40                      | J | 3.27                       | J | 36                |   | P |
| Arsenic   | 4.93                      |   | 4.68                       | J | 5                 |   | P |
| Barium    | 49.4                      |   | 61.6                       |   | 25                |   | P |
| Beryllium | 0.96                      |   | 1.30                       | J | 35                |   | P |
| Cadmium   | 0.31                      | U | 1.54                       | U |                   |   | P |
| Calcium   | 6090                      |   | 7610                       |   | 25                |   | P |
| Chromium  | 17.9                      |   | 21.7                       |   | 21                |   | P |
| Cobalt    | 12.7                      |   | 14.4                       |   | 13                |   | P |
| Copper    | 29.5                      |   | 38.6                       |   | 31                |   | P |
| Iron      | 37800                     |   | 47300                      |   | 25                |   | P |
| Lead      | 15.5                      |   | 16.8                       |   | 9                 |   | P |
| Magnesium | 2600                      |   | 3320                       |   | 28                |   | P |
| Manganese | 575                       |   | 722                        |   | 26                |   | P |
| Nickel    | 21.3                      |   | 20.4                       |   | 4                 |   | P |
| Potassium | 692                       |   | 701                        |   | 1                 |   | P |
| Selenium  | 11.5                      |   | 12.8                       |   | 11                |   | P |
| Silver    | 1.34                      |   | 1.99                       | J | 49                |   | P |
| Sodium    | 363                       |   | 459                        | J | 27                |   | P |
| Thallium  | 2.06                      | U | 10.3                       | U |                   |   | P |
| Vanadium  | 34.8                      |   | 41.7                       |   | 20                |   | P |
| Zinc      | 38.0                      |   | 44.7                       |   | 18                |   | P |

**Metals**

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**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

ARS 20-0006L

**Lab Name:** Chemtech Consulting Group

**Contract:** EARTH03

**Lab Code:** CHEM **Lb No.:** lb136362 **Lab Sample ID :** Q2403-07L **SDG No.:** Q2392

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

**Concentration Units:** mg/Kg

| Analyte | Initial Sample<br>Result (I)<br>C | Serial Dilution<br>Result (S)<br>C | % Differ-<br>ence | Q | M  |
|---------|-----------------------------------|------------------------------------|-------------------|---|----|
| Mercury | 0.037                             | 0.045 J                            | 23                |   | CV |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

**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        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | -0.0000720 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

**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        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

**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        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0001020 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

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

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

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

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

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Earth Engineering Inc.

**SDG No.:** Q2392

**Contract:** EARTH03

**Lab Code:** CHEM

**Case No.:** Q2392

**SAS No.:** Q2392

**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         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0004810 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Calcium   | 373.690                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Lead      | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Magnesium | 279.079                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Potassium | 766.490                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Sodium    | 589.592                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

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**SAMPLE PREPARATION SUMMARY**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Method:**                       
**Case No.:** Q2392 **SAS No.:** Q2392

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB168598</b> |                |             |        |            |                        |                          |                |
| PB168598BL                    | PB168598BL     | MB          | SOLID  | 06/24/2025 | 2.00                   | 100.0                    | 100.00         |
| PB168598BS                    | PB168598BS     | LCS         | SOLID  | 06/24/2025 | 2.00                   | 100.0                    | 100.00         |
| Q2392-01                      | S-1            | SAM         | SOLID  | 06/24/2025 | 2.15                   | 100.0                    | 92.20          |
| Q2393-11DUP                   | PARK AVE -6DUP | DUP         | SOLID  | 06/24/2025 | 2.44                   | 100.0                    | 86.80          |
| Q2393-11MS                    | PARK AVE -6MS  | MS          | SOLID  | 06/24/2025 | 2.27                   | 100.0                    | 86.80          |
| Q2393-11MSD                   | PARK AVE -6MSD | MSD         | SOLID  | 06/24/2025 | 2.22                   | 100.0                    | 86.80          |

**Metals**

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**SAMPLE PREPARATION SUMMARY**

**Client:** Earth Engineering Inc. **SDG No.:** Q2392  
**Contract:** EARTH03 **Lab Code:** CHEM **Method:**                       
**Case No.:** Q2392 **SAS No.:** Q2392

| Sample ID                     | Client ID      | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|----------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB168616</b> |                |             |        |            |                        |                          |                |
| PB168616BL                    | PB168616BL     | MB          | SOLID  | 06/24/2025 | 0.51                   | 35.0                     | 100.00         |
| PB168616BS                    | PB168616BS     | LCS         | SOLID  | 06/24/2025 | 0.53                   | 35.0                     | 100.00         |
| Q2392-01                      | S-1            | SAM         | SOLID  | 06/24/2025 | 0.54                   | 35.0                     | 92.20          |
| Q2403-07DUP                   | ARS 20-0006DUP | DUP         | SOLID  | 06/24/2025 | 0.56                   | 35.0                     | 95.20          |
| Q2403-07MS                    | ARS 20-0006MS  | MS          | SOLID  | 06/24/2025 | 0.57                   | 35.0                     | 95.20          |
| Q2403-07MSD                   | ARS 20-0006MSD | MSD         | SOLID  | 06/24/2025 | 0.53                   | 35.0                     | 95.20          |

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

**Client:** Earth Engineering Inc. **Contract:** EARTH03

**Lab code:** CHEM **Case no.:** Q2392 **Sas no.:** Q2392 **Sdg no.:** Q2392

**Instrument id number:**                      **Method:**                      **Run number:** LB136273

**Start date:** 06/25/2025 **End date:** 06/25/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1223 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1227 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1232 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1236 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1240 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1244 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1308 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1320 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1453 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1524 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1529 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1551 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1604 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1609 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1657 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1709 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03          | CCV03            | 1   | 1800 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1807 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2392-01       | S-1              | 1   | 1821 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04          | CCV04            | 1   | 1855 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1859 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05            | 1   | 1952 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05            | 1   | 1957 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV06          | CCV06            | 1   | 2046 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06          | CCB06            | 1   | 2050 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07          | CCV07            | 1   | 2112 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07          | CCB07            | 1   | 2116 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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

**Client:** Earth Engineering Inc. **Contract:** EARTH03

**Lab code:** CHEM **Case no.:** Q2392 **Sas no.:** Q2392 **Sdg no.:** Q2392

**Instrument id number:**                      **Method:**                      **Run number:** LB136319

**Start date:** 06/27/2025 **End date:** 06/27/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                                  |
|----------------|------------------|-----|------|-----------------------------------------------------------------|
| S0             | S0               | 1   | 1111 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1116 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1120 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1124 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1129 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1133 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1145 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1203 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1254 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1258 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1304 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1309 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1322 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1331 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1419 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1424 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03          | CCV03            | 1   | 1512 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1516 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB168598BL     | PB168598BL       | 1   | 1555 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB168598BS     | PB168598BS       | 1   | 1600 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04          | CCV04            | 1   | 1604 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1609 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2393-11DUP    | PARK AVE -6DUP   | 1   | 1639 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2393-11L      | PARK AVE -6L     | 5   | 1643 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2393-11MS     | PARK AVE -6MS    | 1   | 1648 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2393-11MSD    | PARK AVE -6MSD   | 1   | 1652 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV05          | CCV05            | 1   | 1656 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB05          | CCB05            | 1   | 1701 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q2393-11A      | PARK AVE -6A     | 1   | 1705 | Ag,Be,Co,Cr,Cu,K,Na,Ni,Sb,Se,V,Zn                               |
| CCV06          | CCV06            | 1   | 1749 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB06          | CCB06            | 1   | 1753 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV07          | CCV07            | 1   | 1841 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB07          | CCB07            | 1   | 1846 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV08          | CCV08            | 1   | 1929 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB08          | CCB08            | 1   | 1933 | Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn |

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

**Client:** Earth Engineering Inc. **Contract:** EARTH03

**Lab code:** CHEM **Case no.:** Q2392 **Sas no.:** Q2392 **Sdg no.:** Q2392

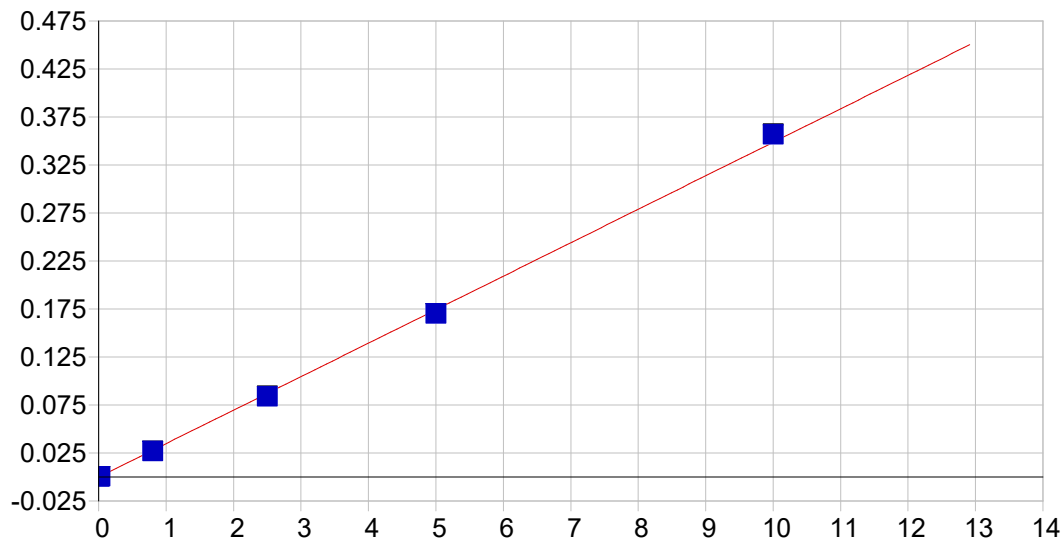
**Instrument id number:**                      **Method:**                      **Run number:** LB136362

**Start date:** 06/26/2025 **End date:** 06/26/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0950 | HG             |
| S0.2           | S0.2             | 1   | 0952 | HG             |
| S2.5           | S2.5             | 1   | 0955 | HG             |
| S5             | S5               | 1   | 0957 | HG             |
| S7.5           | S7.5             | 1   | 0959 | HG             |
| S10            | S10              | 1   | 1001 | HG             |
| ICV06          | ICV06            | 1   | 1005 | HG             |
| ICB06          | ICB06            | 1   | 1007 | HG             |
| CCV16          | CCV16            | 1   | 1009 | HG             |
| CCB16          | CCB16            | 1   | 1011 | HG             |
| CRA            | CRA              | 1   | 1014 | HG             |
| PB168616BL     | PB168616BL       | 1   | 1021 | HG             |
| PB168616BS     | PB168616BS       | 1   | 1023 | HG             |
| Q2392-01       | S-1              | 1   | 1025 | HG             |
| CCV17          | CCV17            | 1   | 1037 | HG             |
| CCB17          | CCB17            | 1   | 1039 | HG             |
| CCV18          | CCV18            | 1   | 1107 | HG             |
| CCB18          | CCB18            | 1   | 1109 | HG             |
| Q2403-07DUP    | ARS 20-0006DUP   | 1   | 1114 | HG             |
| Q2403-07MS     | ARS 20-0006MS    | 1   | 1116 | HG             |
| Q2403-07MSD    | ARS 20-0006MSD   | 1   | 1118 | HG             |
| Q2403-07L      | ARS 20-0006L     | 5   | 1123 | HG             |
| CCV19          | CCV19            | 1   | 1127 | HG             |
| CCB19          | CCB19            | 1   | 1130 | HG             |



# METAL RAW DATA

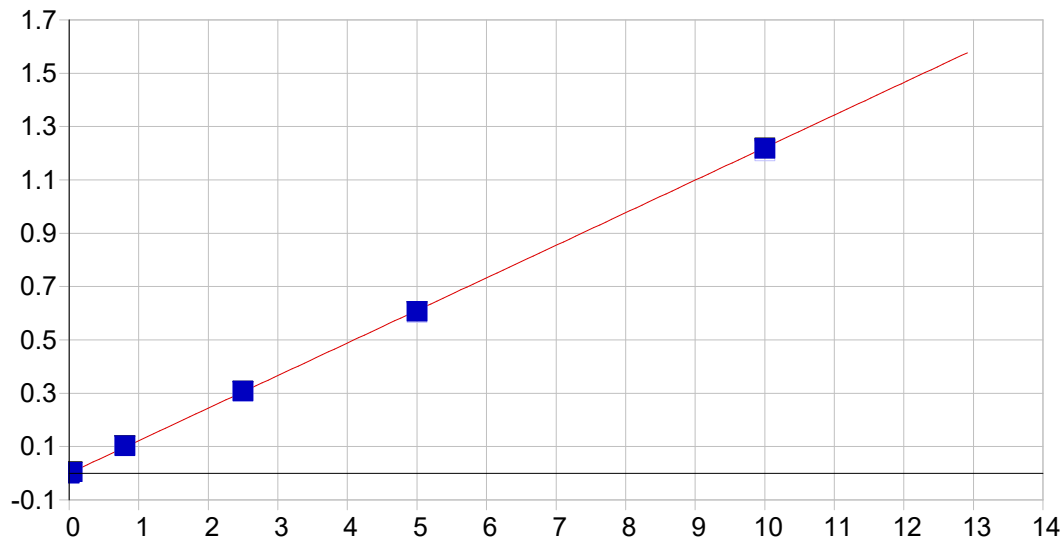


As 189.042 {479}

Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000117 Re-Slope: 1.000000  
A1 (Gain): 0.034877 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999659 Status: OK.  
Std Error of Est: 0.000021  
Predicted MDL: 0.003532  
Predicted MQL: 0.011772

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00012 | .000    | 1        |
| S1        | .02000       | .02001      | .000       | .054    | .00058  | .000    | 1        |
| S2        | .80000       | .77385      | -.026      | -3.27   | .02687  | .000    | 1        |
| S3        | 2.5000       | 2.4080      | -.092      | -3.68   | .08385  | .000    | 1        |
| S4        | 5.0000       | 4.8832      | -.117      | -2.34   | .17017  | .000    | 1        |
| S5        | 10.000       | 10.235      | .235       | 2.35    | .35679  | .000    | 1        |

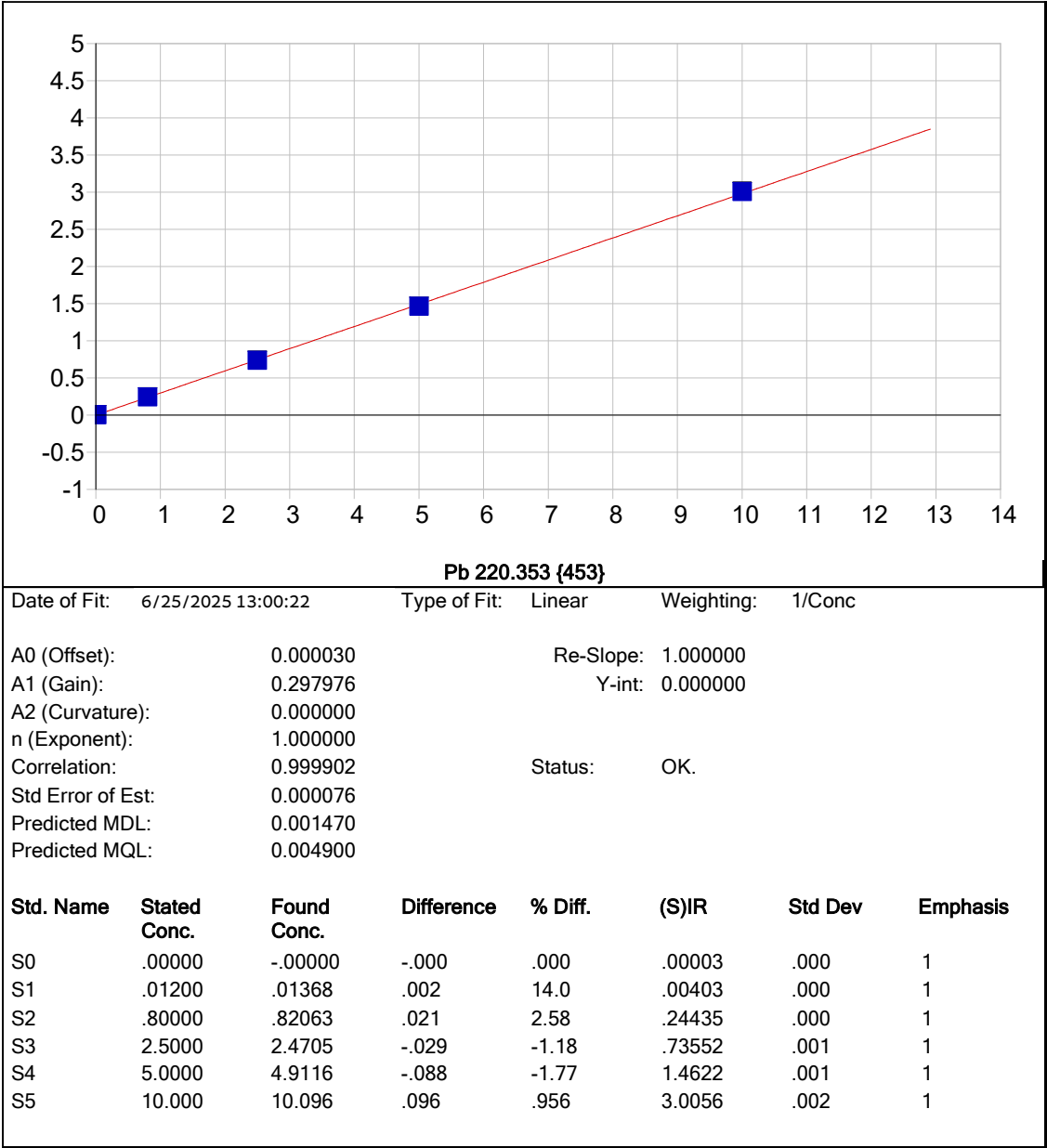


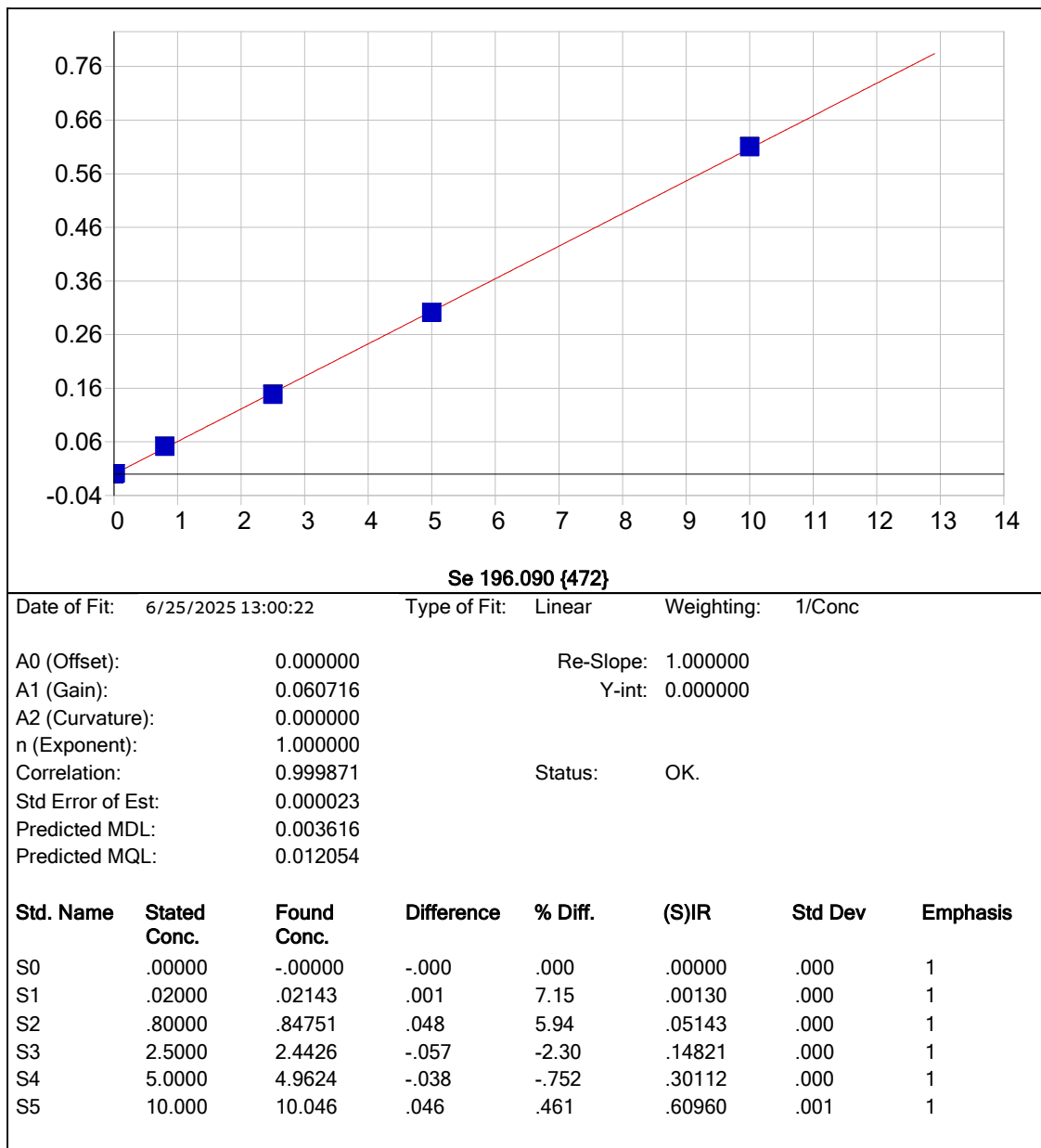
TI 190.856 {477}

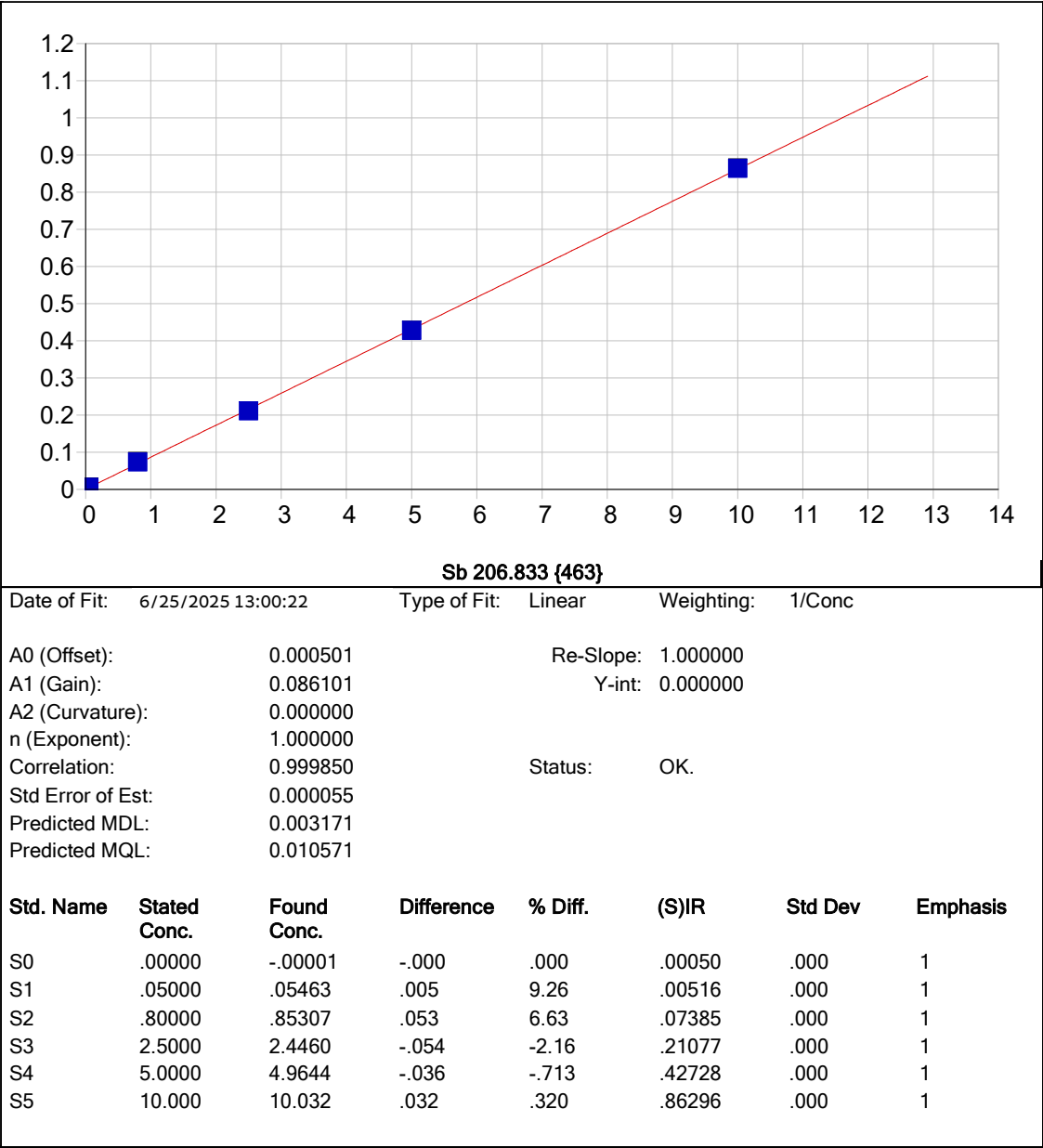
Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

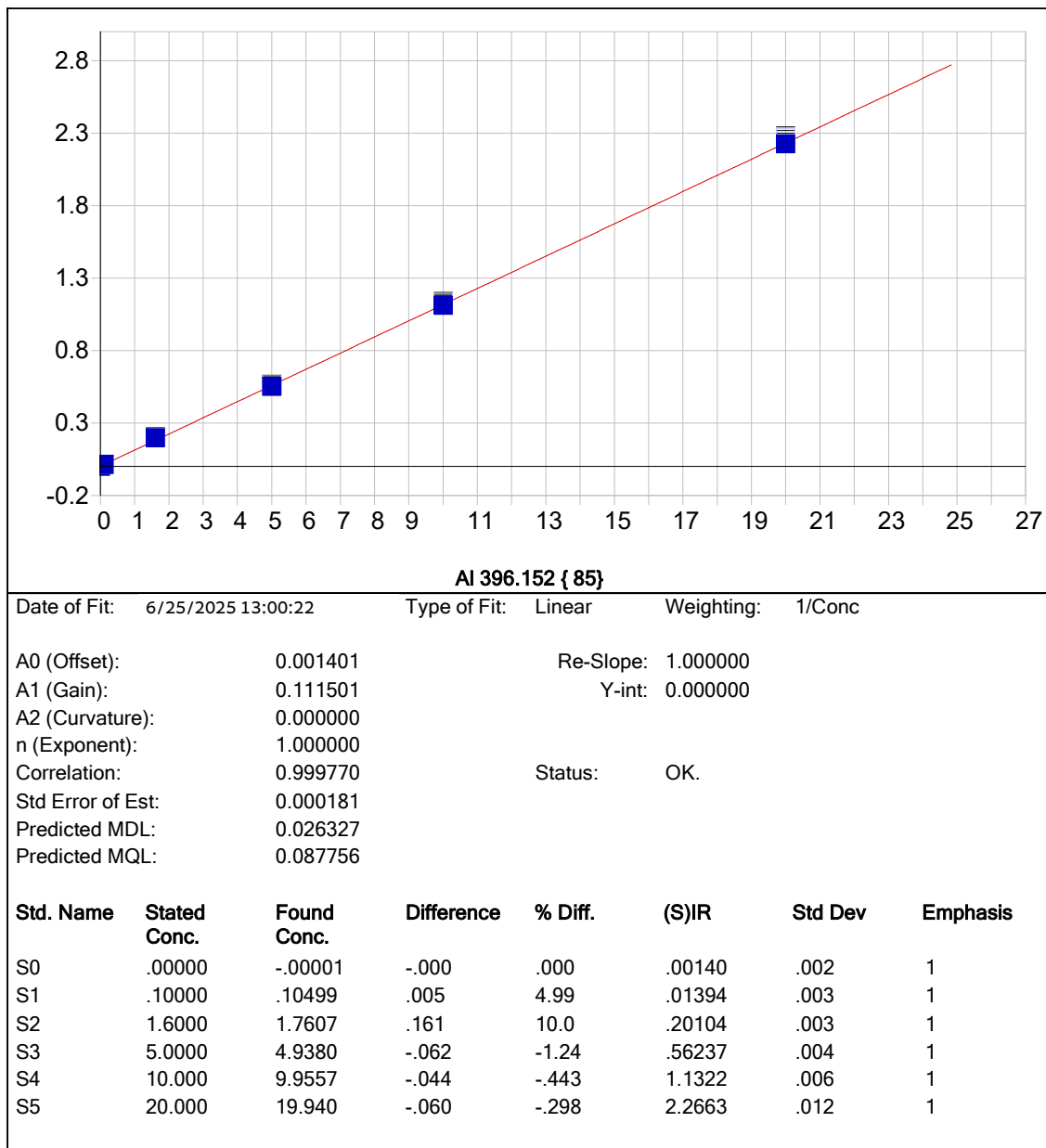
A0 (Offset): 0.000032 Re-Slope: 1.000000  
A1 (Gain): 0.122105 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999930 Status: OK.  
Std Error of Est: 0.000048  
Predicted MDL: 0.001741  
Predicted MQL: 0.005802

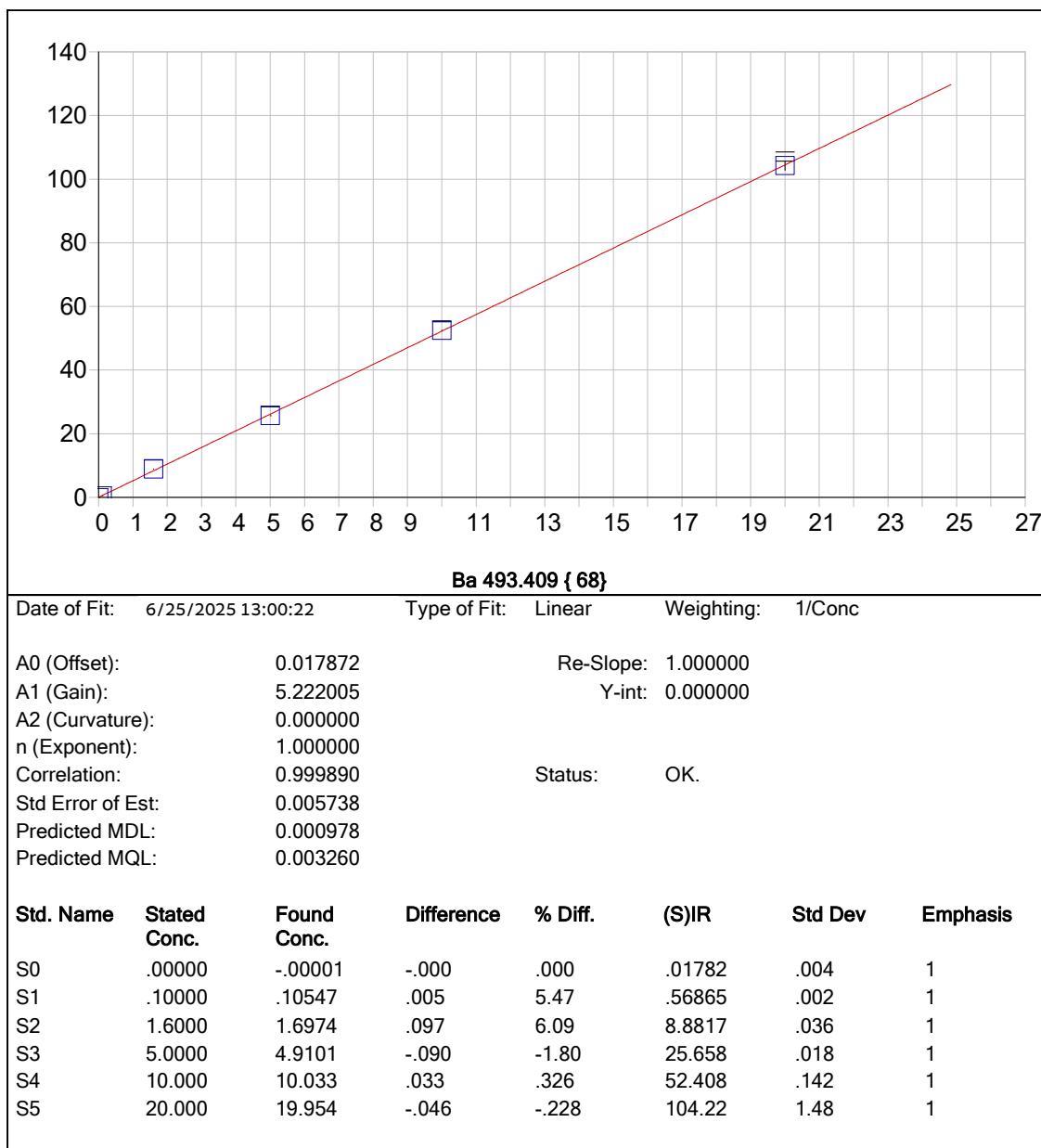
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .04000       | .04021      | .000       | .533    | .00483 | .000    | 1        |
| S2        | .80000       | .84089      | .041       | 5.11    | .10195 | .000    | 1        |
| S3        | 2.5000       | 2.5199      | .020       | .795    | .30534 | .001    | 1        |
| S4        | 5.0000       | 4.9700      | -.030      | -.600   | .60213 | .000    | 1        |
| S5        | 10.000       | 9.9690      | -.031      | -.310   | 1.2078 | .002    | 1        |

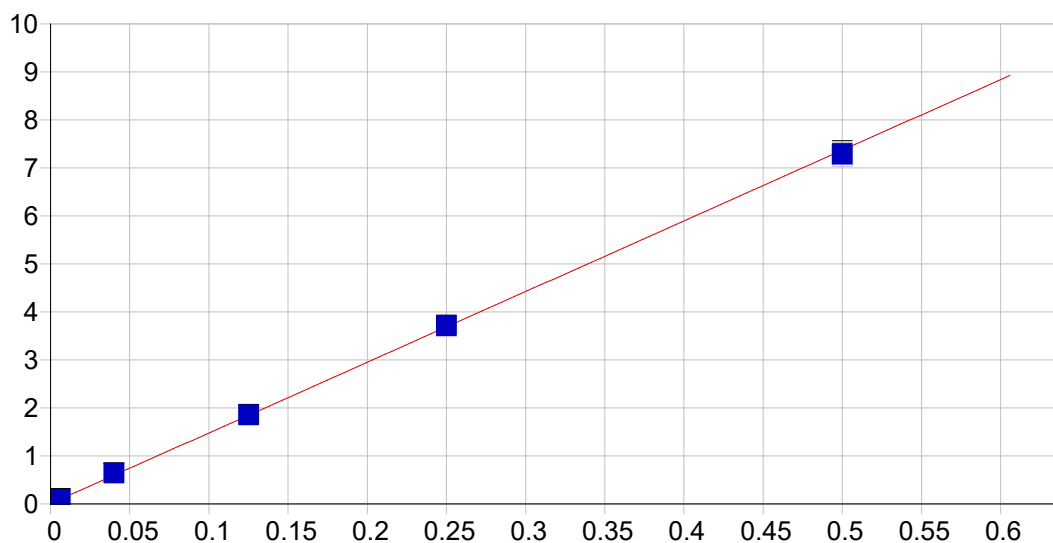










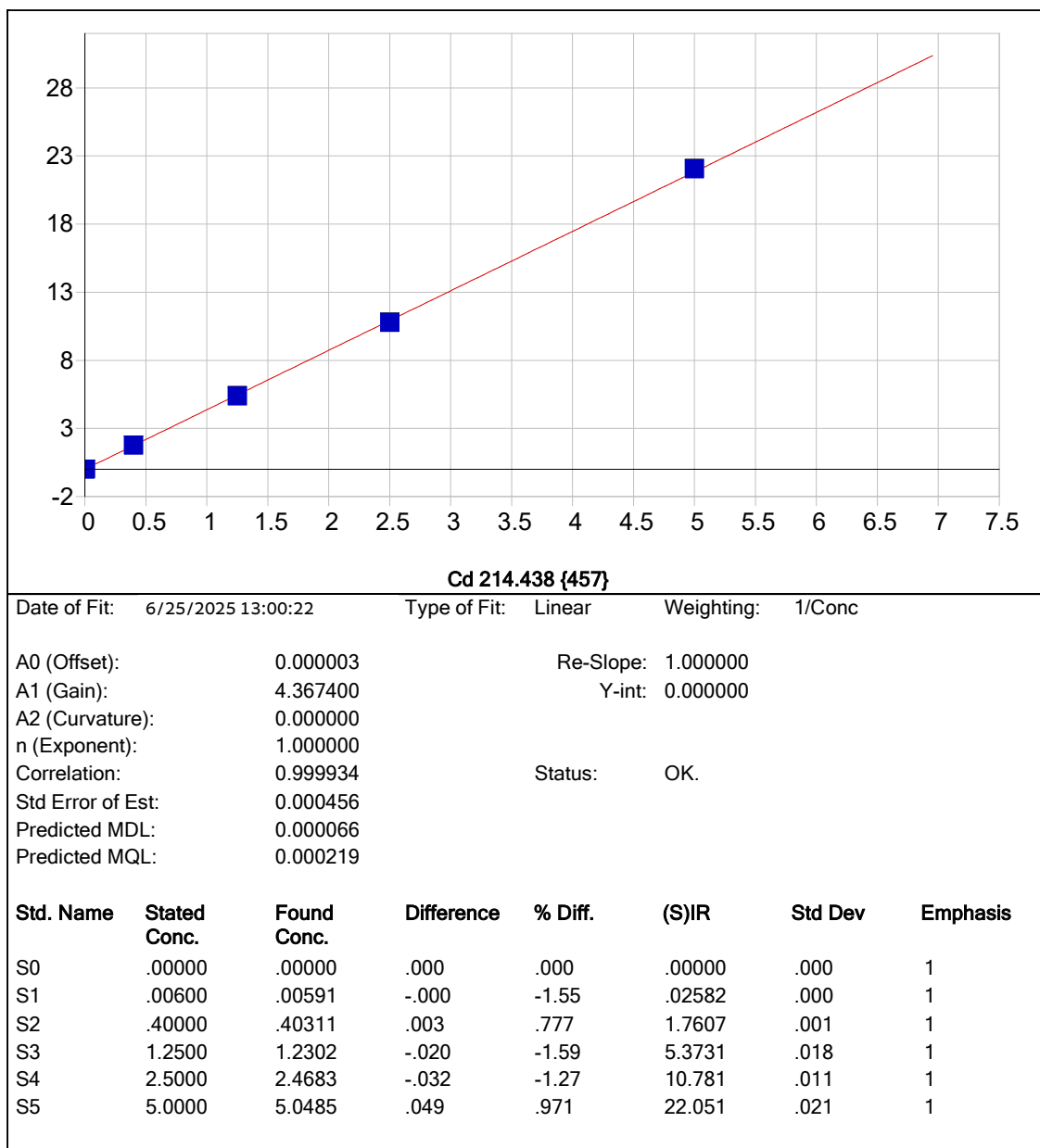


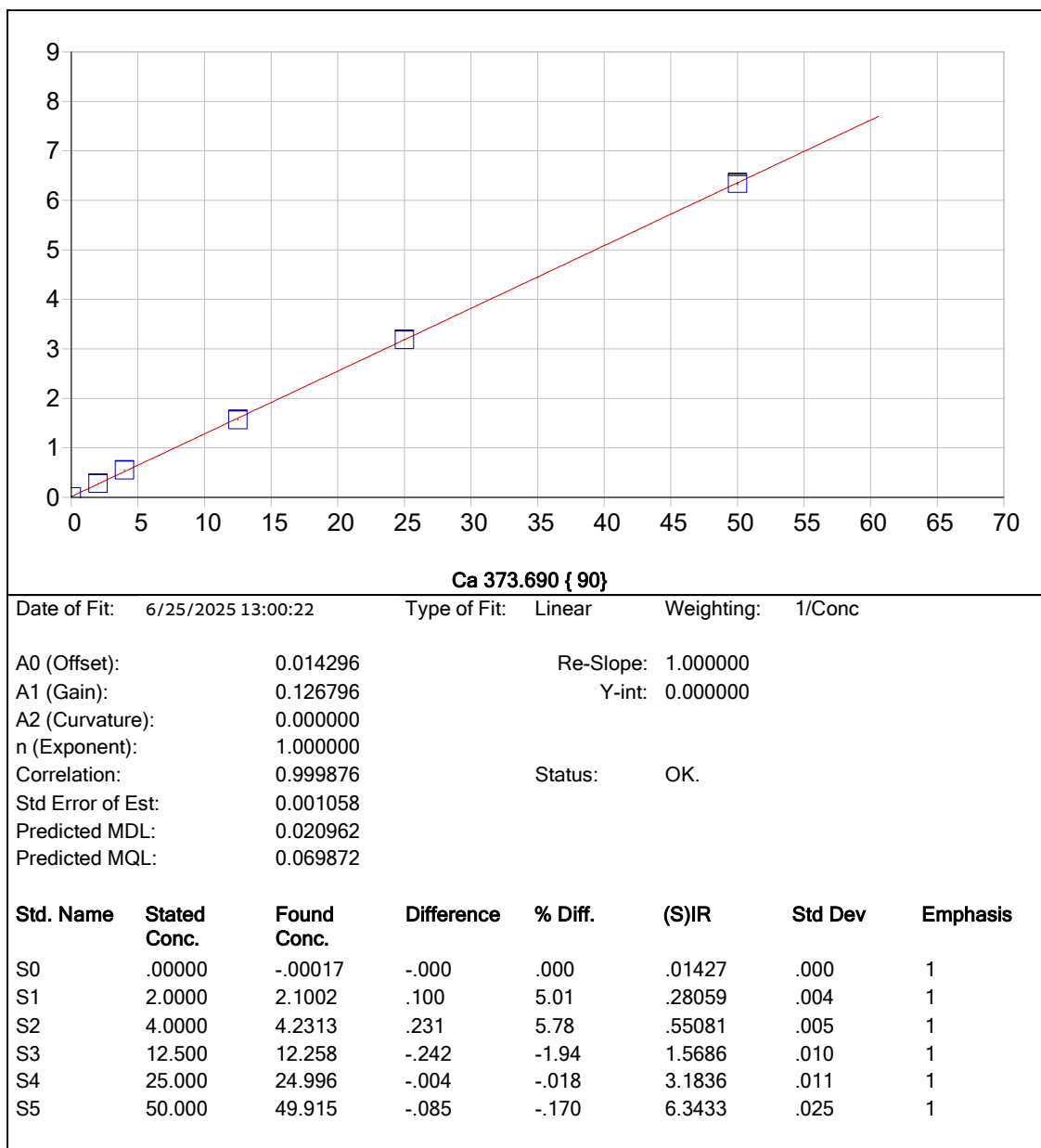
Be 234.861 {144}

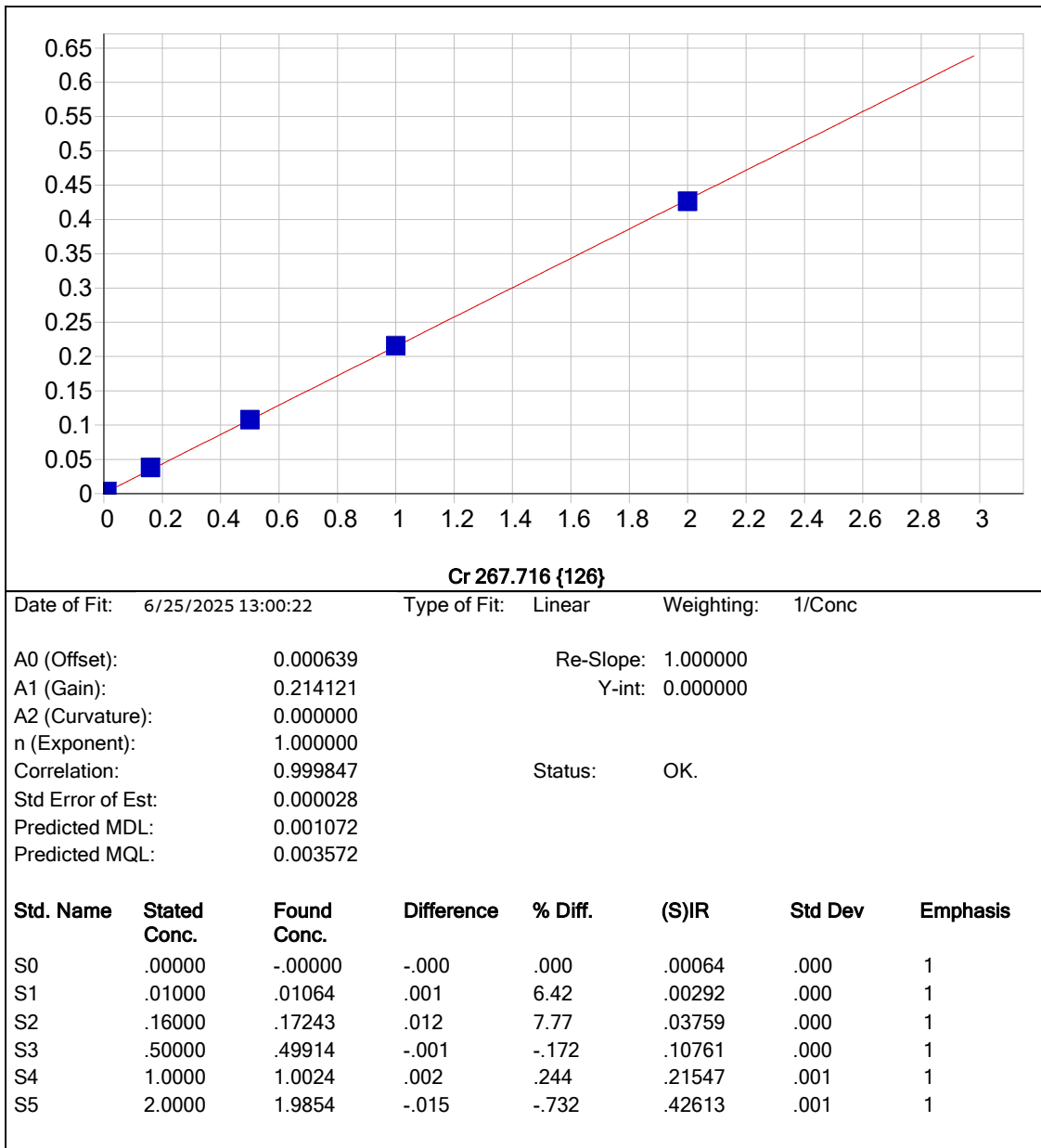
Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

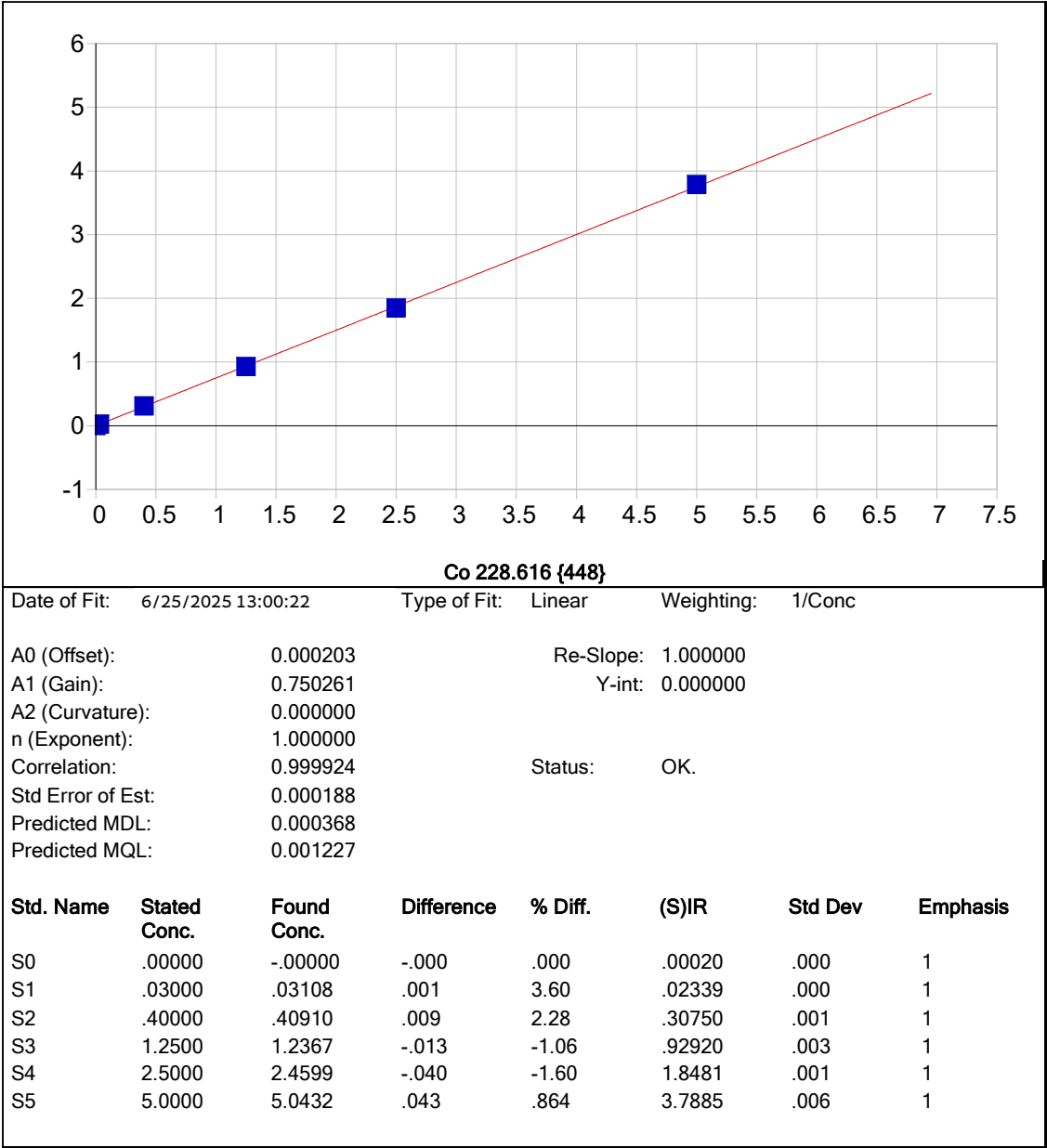
A0 (Offset): 0.005841 Re-Slope: 1.000000  
A1 (Gain): 14.725163 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999785 Status: OK.  
Std Error of Est: 0.000873  
Predicted MDL: 0.000130  
Predicted MQL: 0.000433

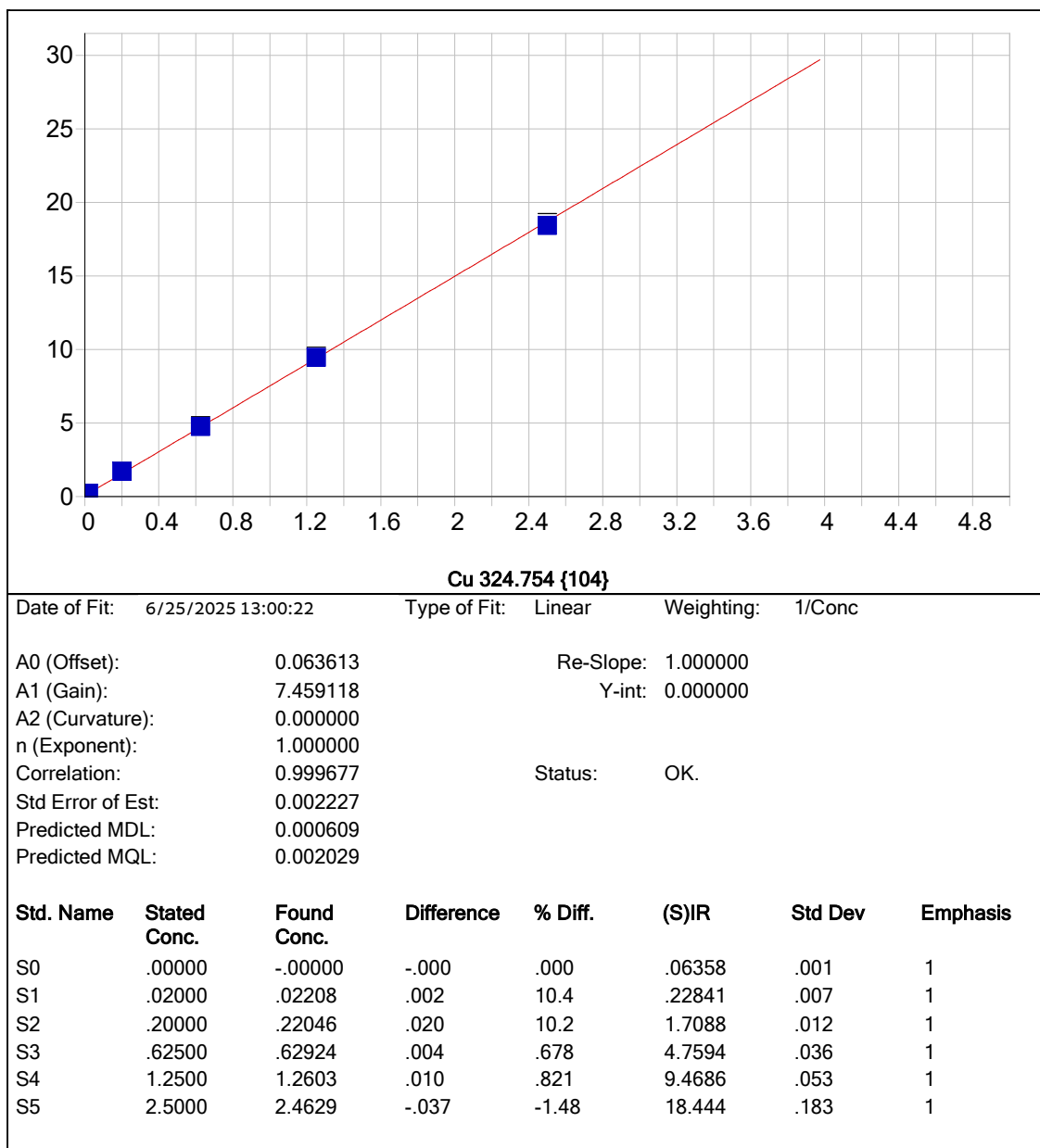
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00583 | .001    | 1        |
| S1        | .00600       | .00652      | .001       | 8.71    | .10094 | .003    | 1        |
| S2        | .04000       | .04324      | .003       | 8.10    | .63864 | .006    | 1        |
| S3        | .12500       | .12552      | .001       | .416    | 1.8419 | .012    | 1        |
| S4        | .25000       | .25164      | .002       | .657    | 3.6868 | .017    | 1        |
| S5        | .50000       | .49408      | -.006      | -1.18   | 7.2321 | .077    | 1        |

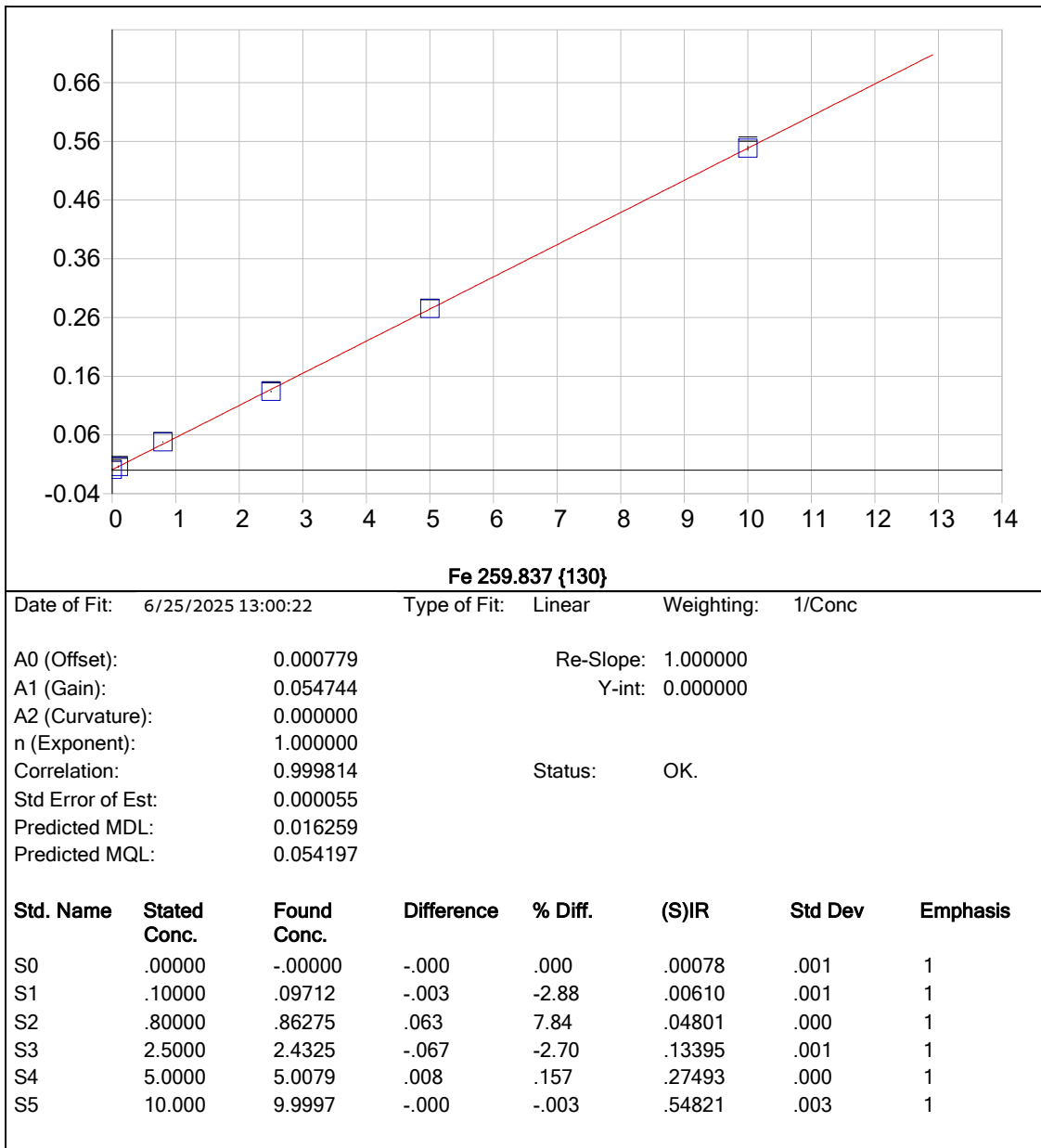


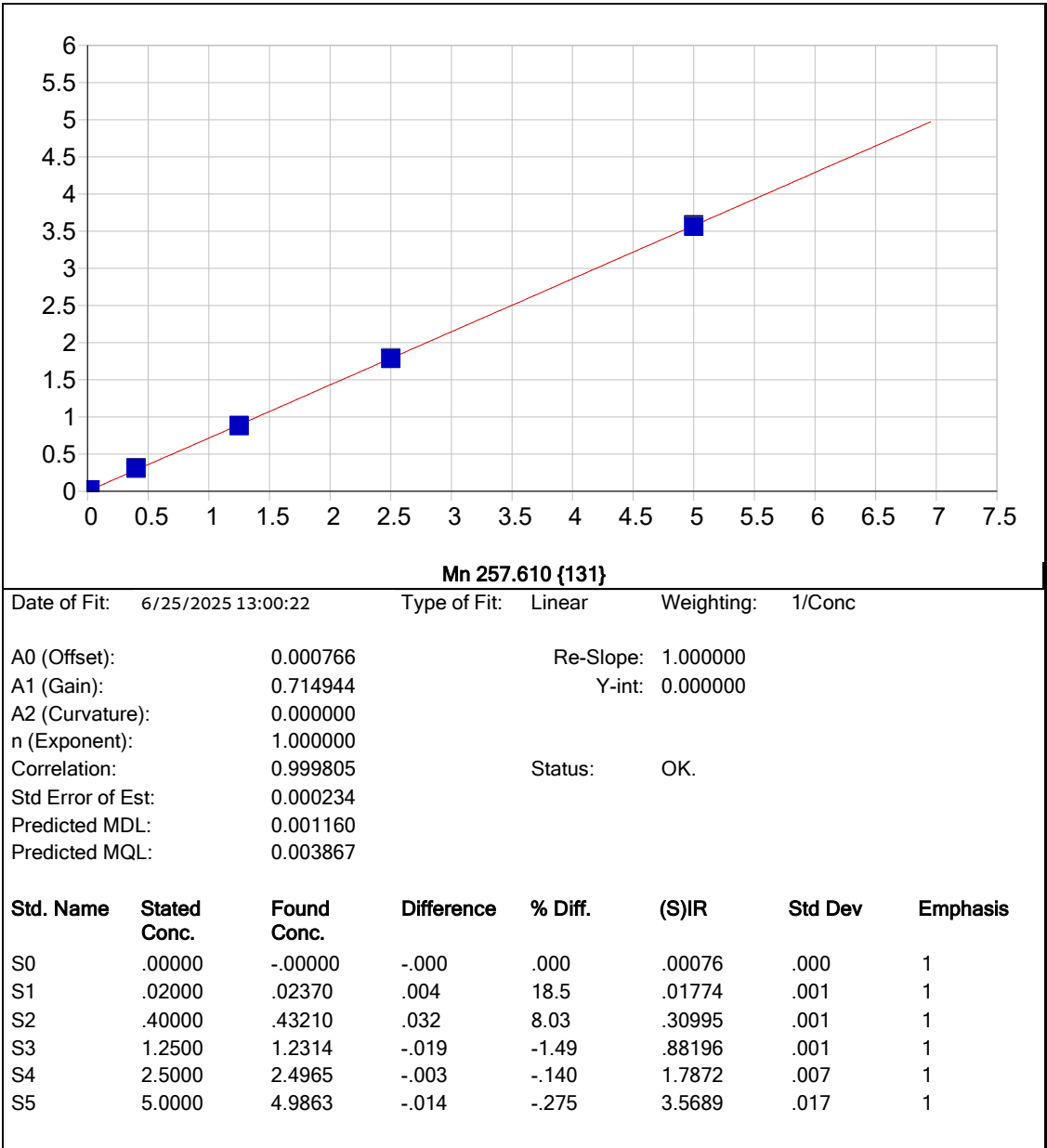






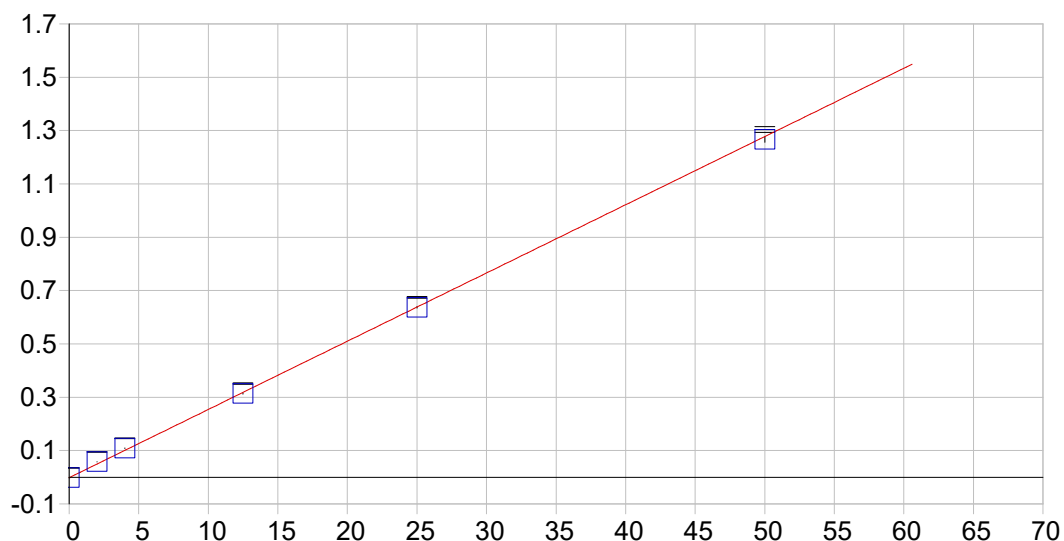






Date of Fit: 6/25/2025 13:00:22      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000766      Re-Slope: 1.000000  
A1 (Gain): 0.714944      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999805      Status: OK.  
Std Error of Est: 0.000234  
Predicted MDL: 0.001160  
Predicted MQL: 0.003867

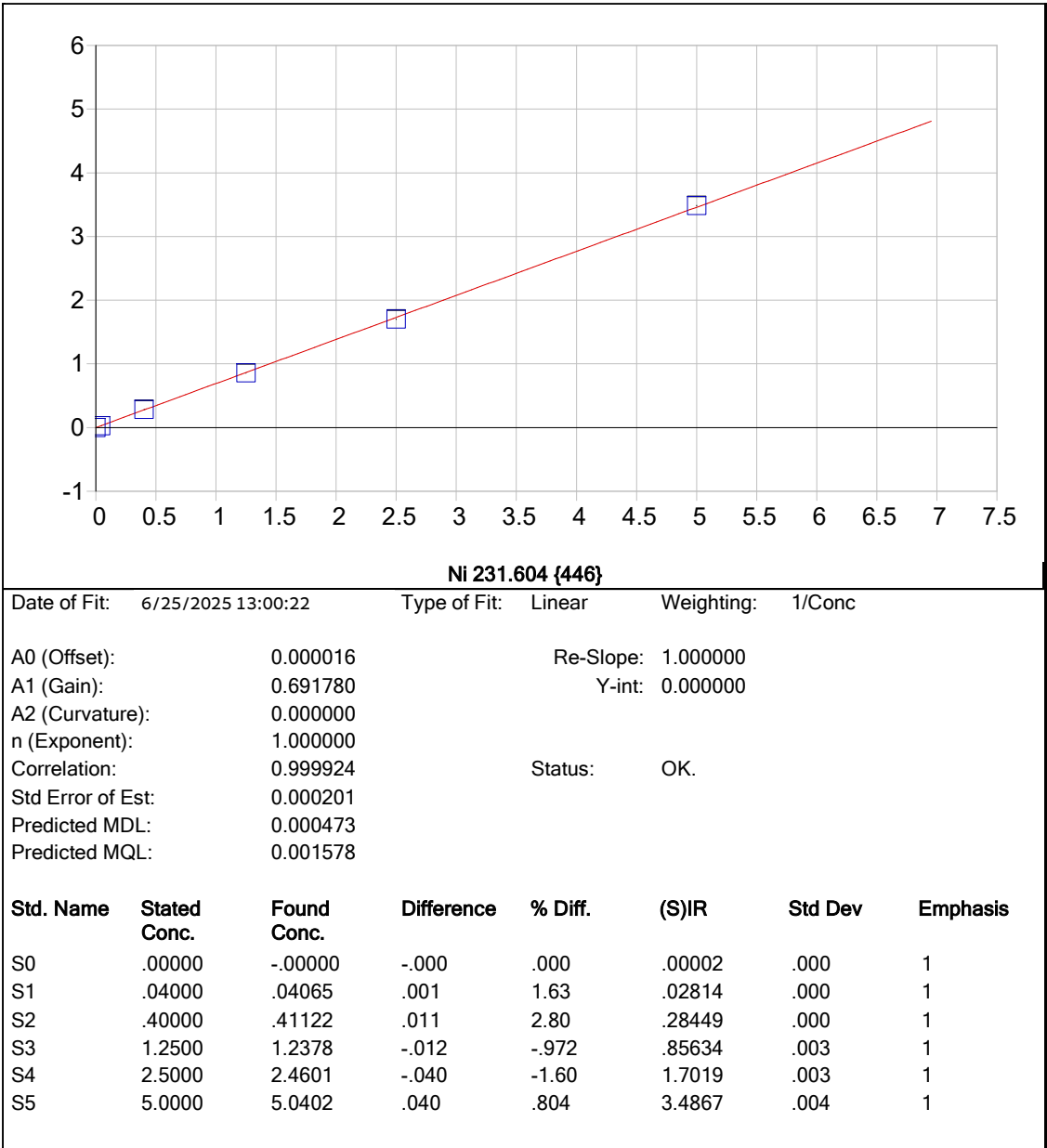


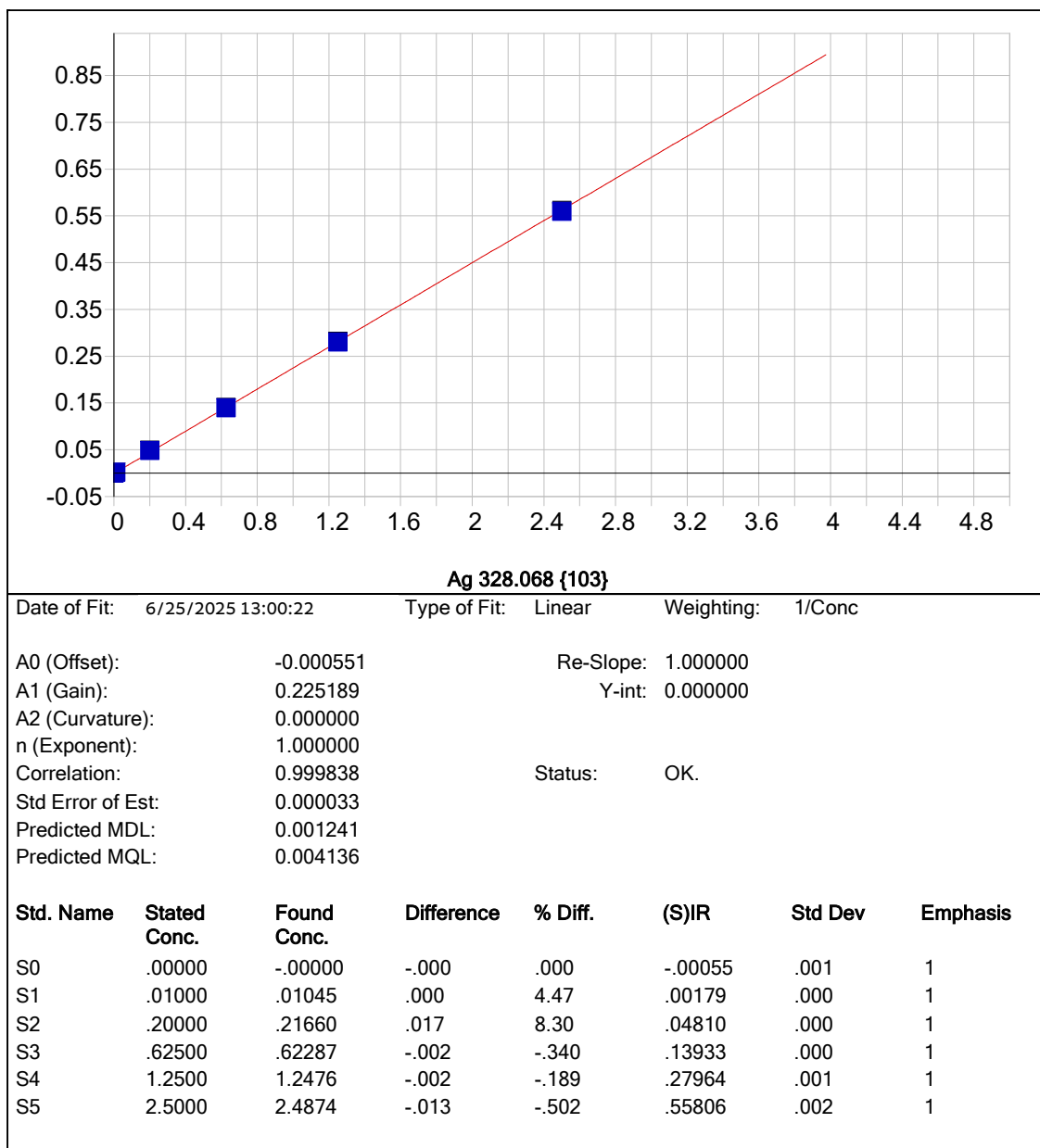
**Mg 279.079 {121}**

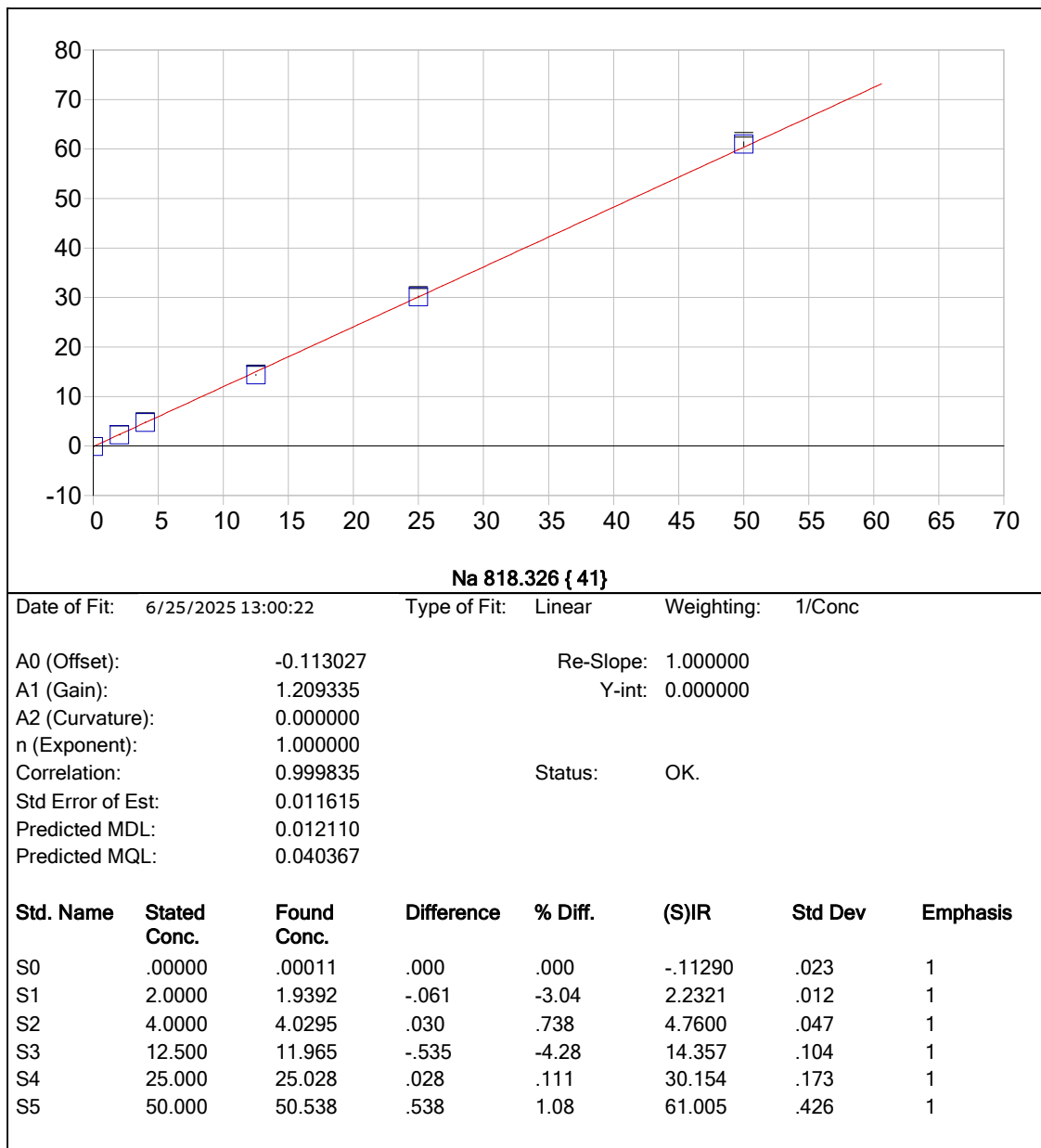
Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

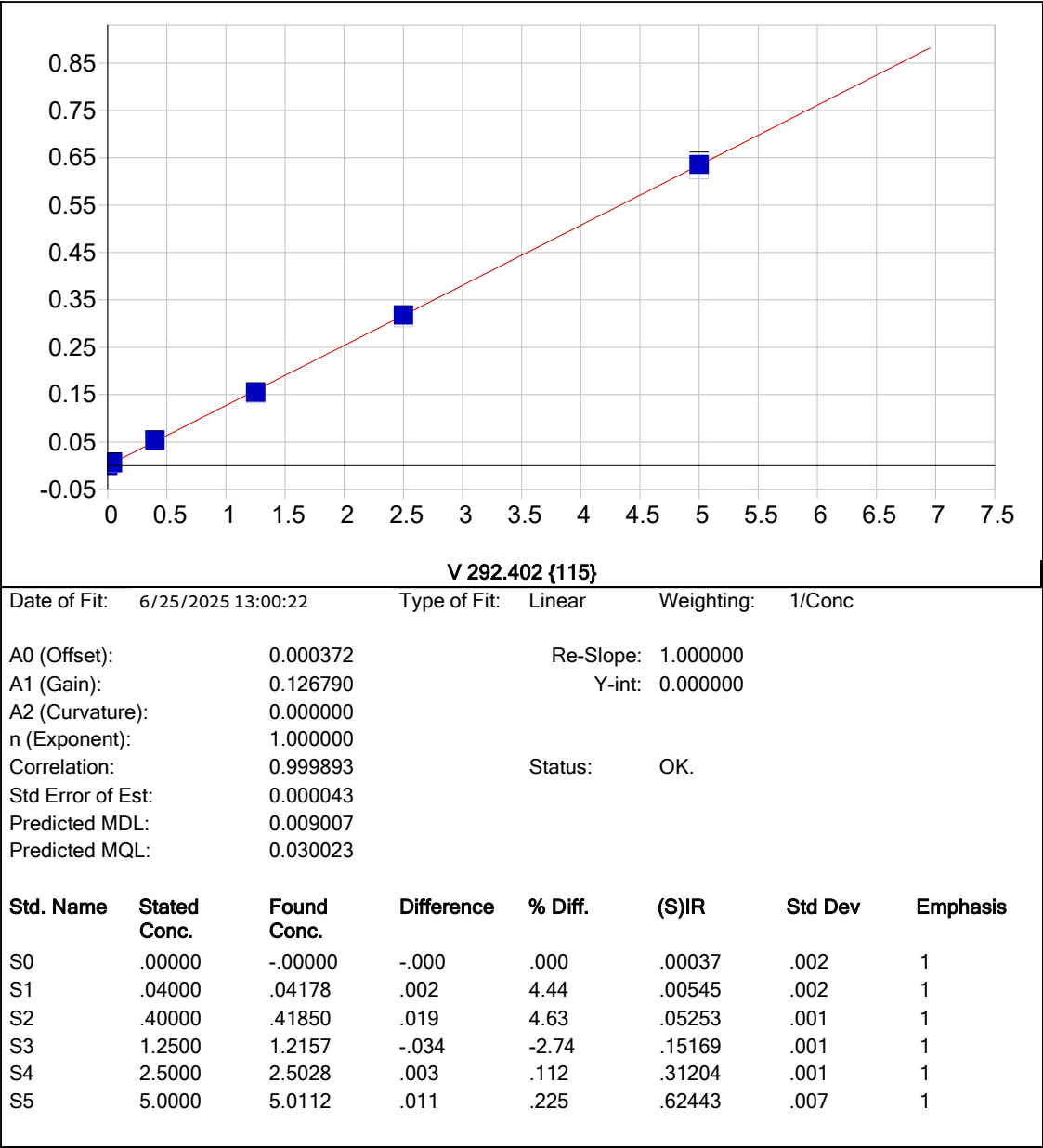
A0 (Offset): -0.001503 Re-Slope: 1.000000  
A1 (Gain): 0.025583 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999544 Status: OK.  
Std Error of Est: 0.000409  
Predicted MDL: 0.044362  
Predicted MQL: 0.147872

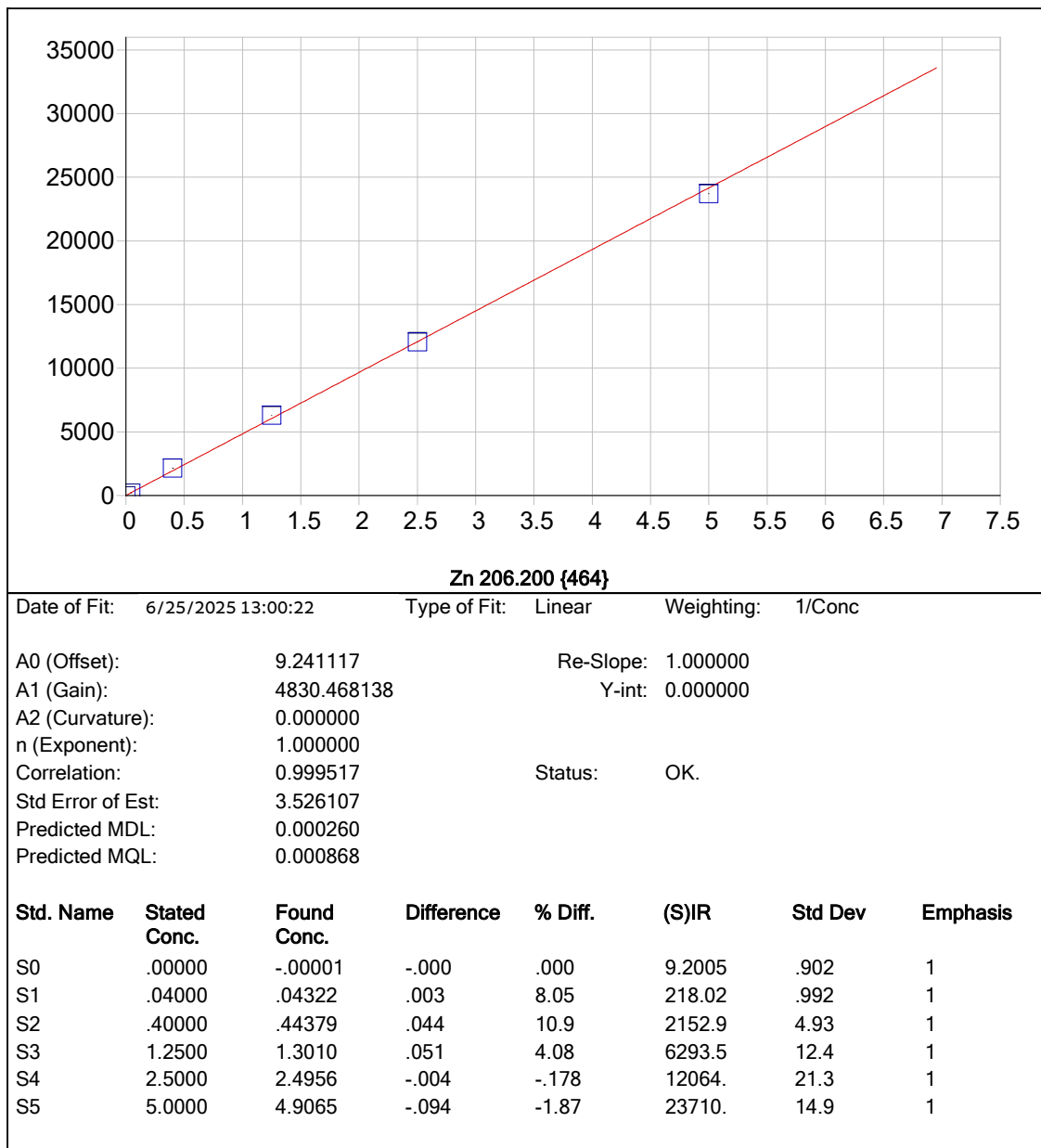
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00044     | -.000      | .000    | -.00151 | .001    | 1        |
| S1        | 2.0000       | 2.3296      | .330       | 16.5    | .05809  | .001    | 1        |
| S2        | 4.0000       | 4.3135      | .313       | 7.84    | .10885  | .001    | 1        |
| S3        | 12.500       | 12.319      | -.181      | -1.45   | .31365  | .003    | 1        |
| S4        | 25.000       | 24.961      | -.039      | -.154   | .63708  | .003    | 1        |
| S5        | 50.000       | 49.577      | -.423      | -.847   | 1.2668  | .011    | 1        |

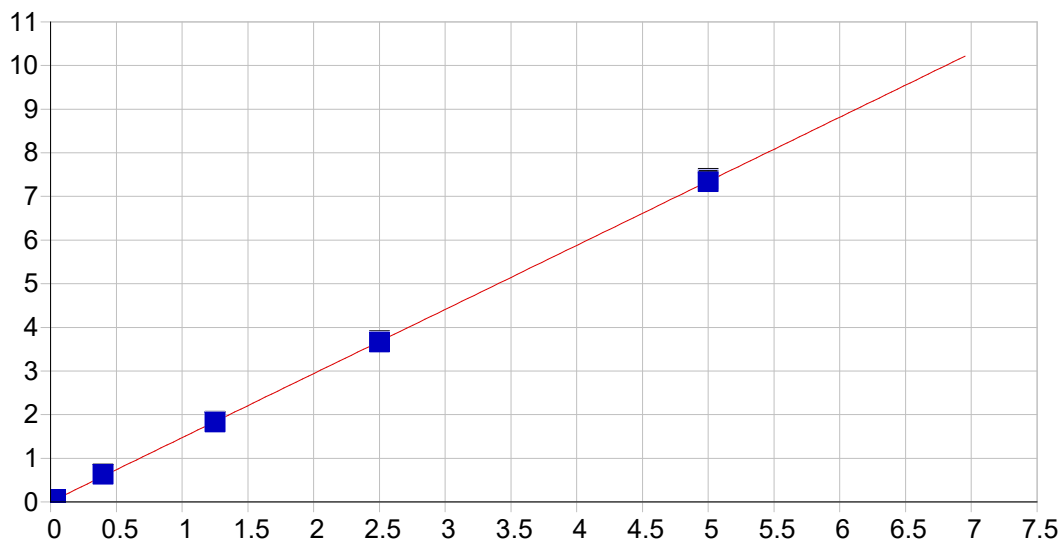










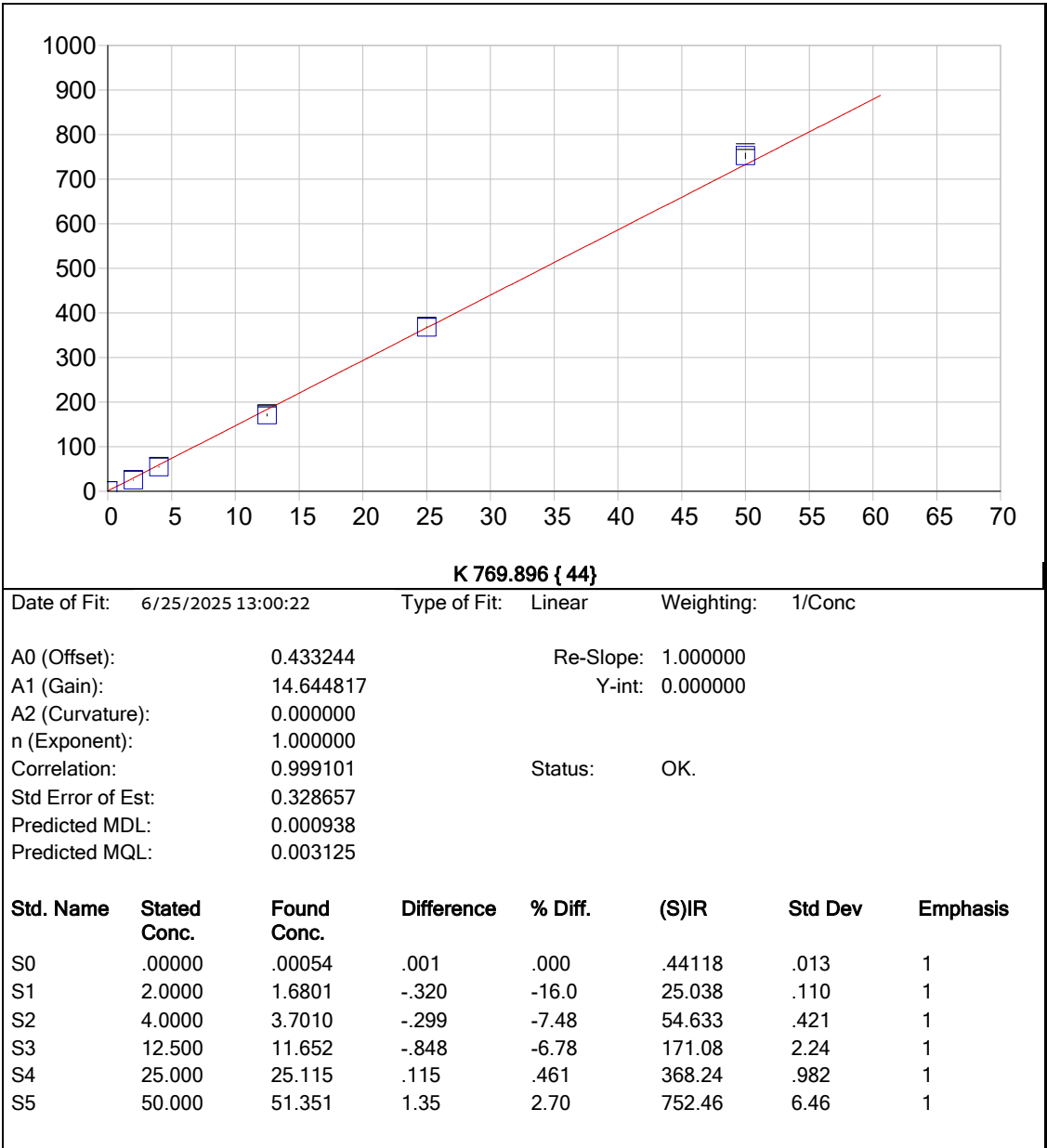


Zn 213.856 {158}

Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

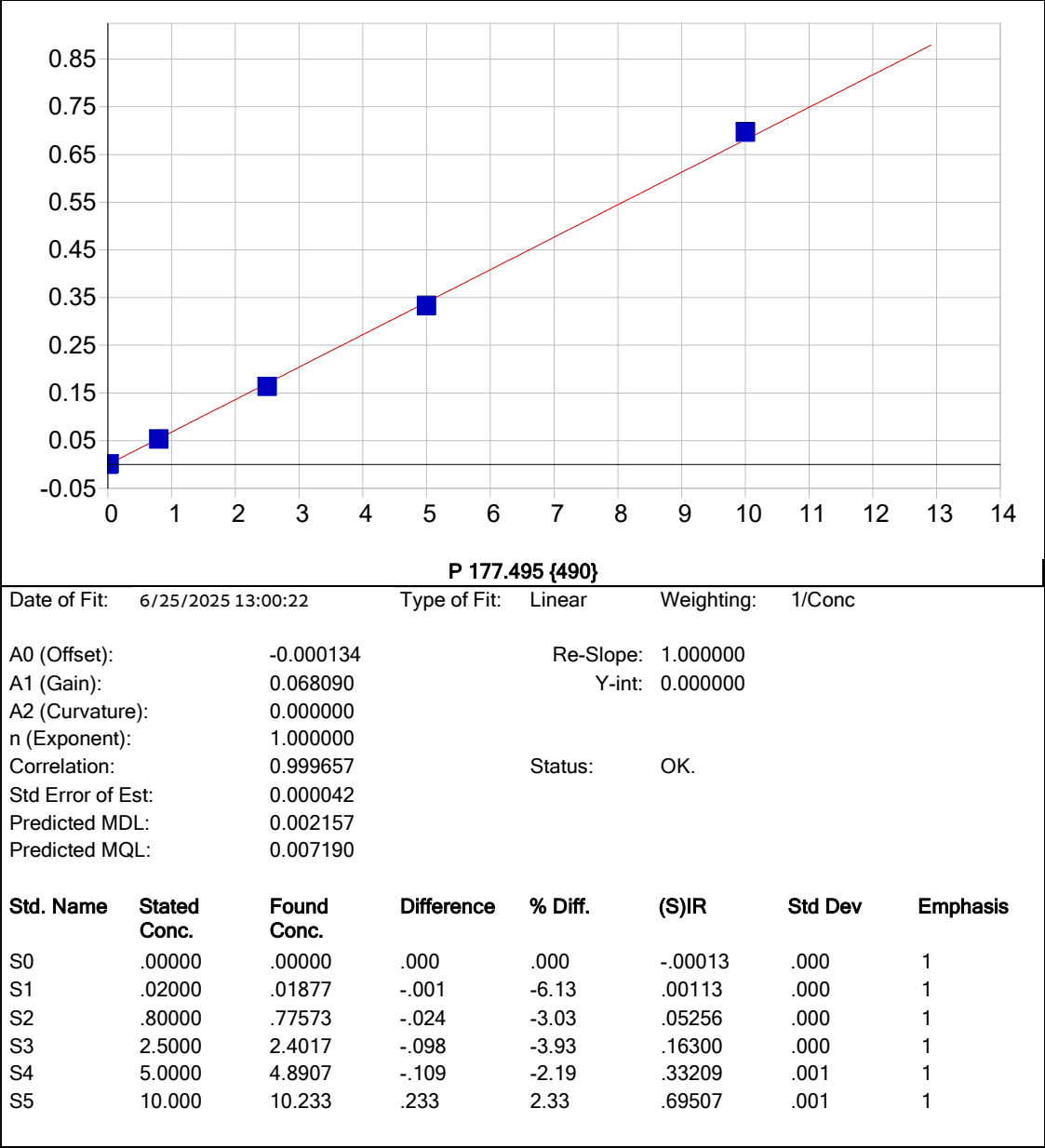
A0 (Offset): 0.002548 Re-Slope: 1.000000  
A1 (Gain): 1.469018 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999900 Status: OK.  
Std Error of Est: 0.000490  
Predicted MDL: 0.000546  
Predicted MQL: 0.001820

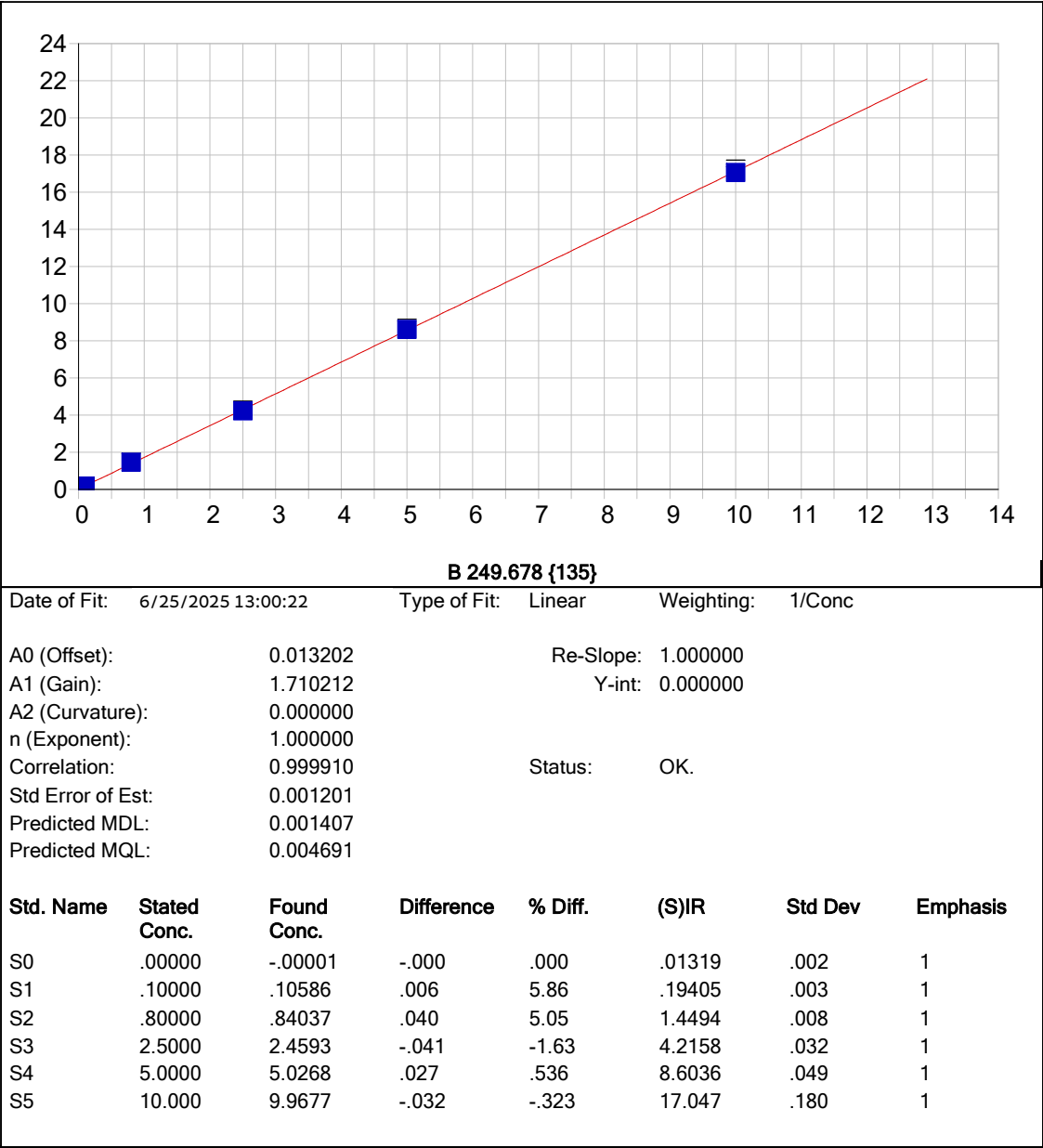
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00254 | .001    | 1        |
| S1        | .04000       | .04164      | .002       | 4.10    | .06414 | .001    | 1        |
| S2        | .40000       | .42592      | .026       | 6.48    | .63250 | .003    | 1        |
| S3        | 1.2500       | 1.2426      | -.007      | -.595   | 1.8413 | .003    | 1        |
| S4        | 2.5000       | 2.4885      | -.011      | -.460   | 3.6849 | .009    | 1        |
| S5        | 5.0000       | 4.9914      | -.009      | -.173   | 7.3884 | .023    | 1        |

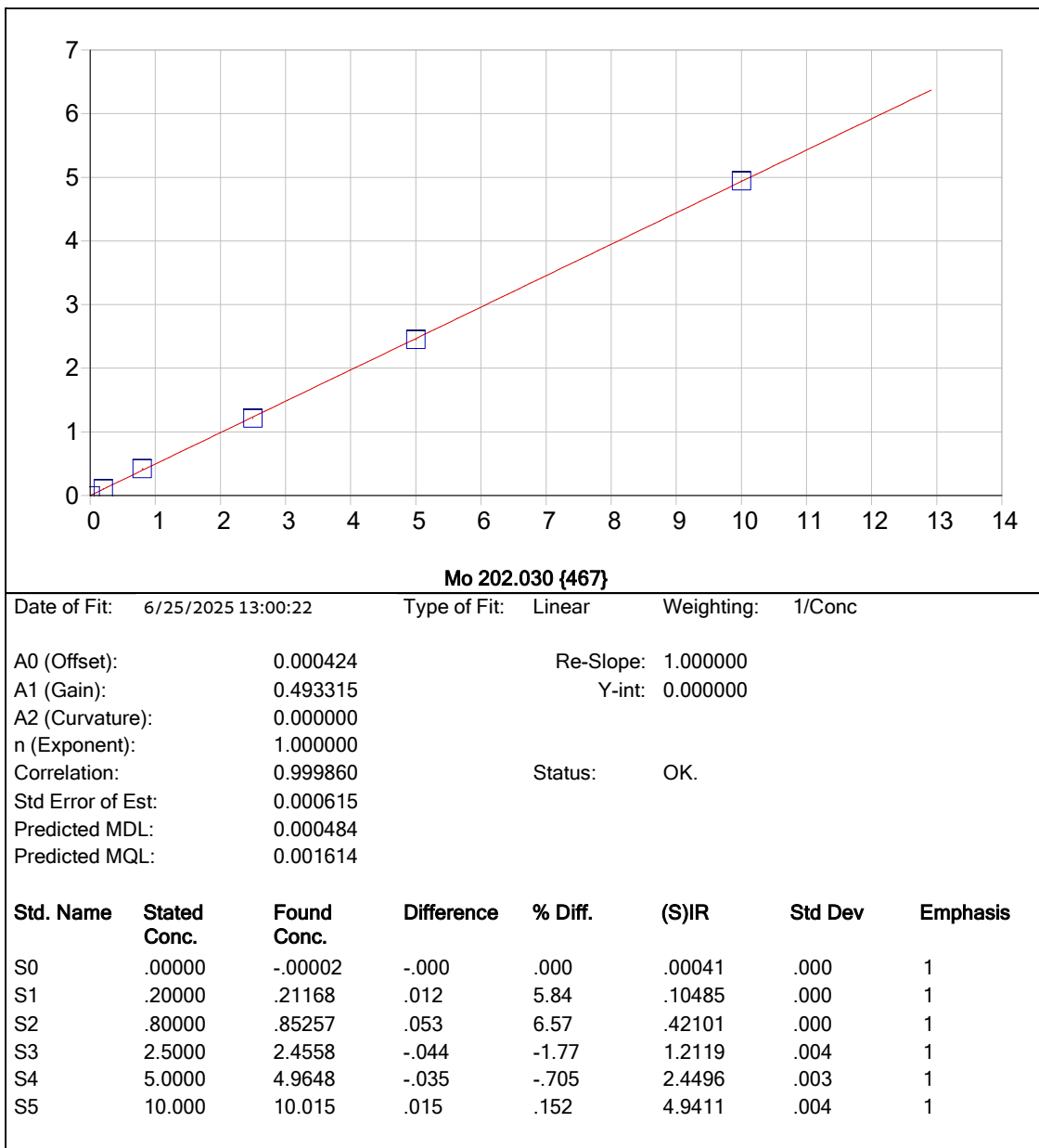


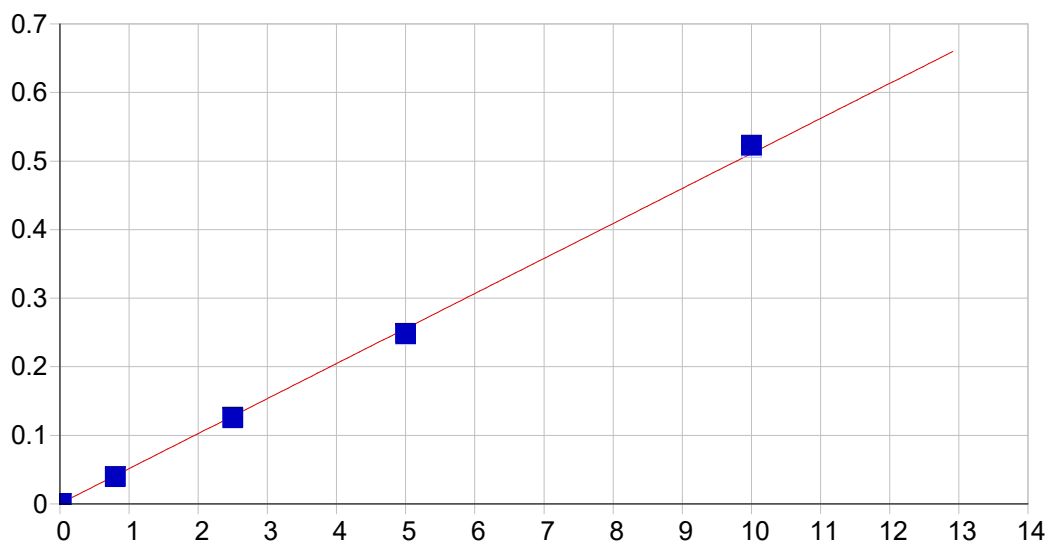
Date of Fit: 6/25/2025 13:00:22      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.433244      Re-Slope: 1.000000  
A1 (Gain): 14.644817      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999101      Status: OK.  
Std Error of Est: 0.328657  
Predicted MDL: 0.000938  
Predicted MQL: 0.003125







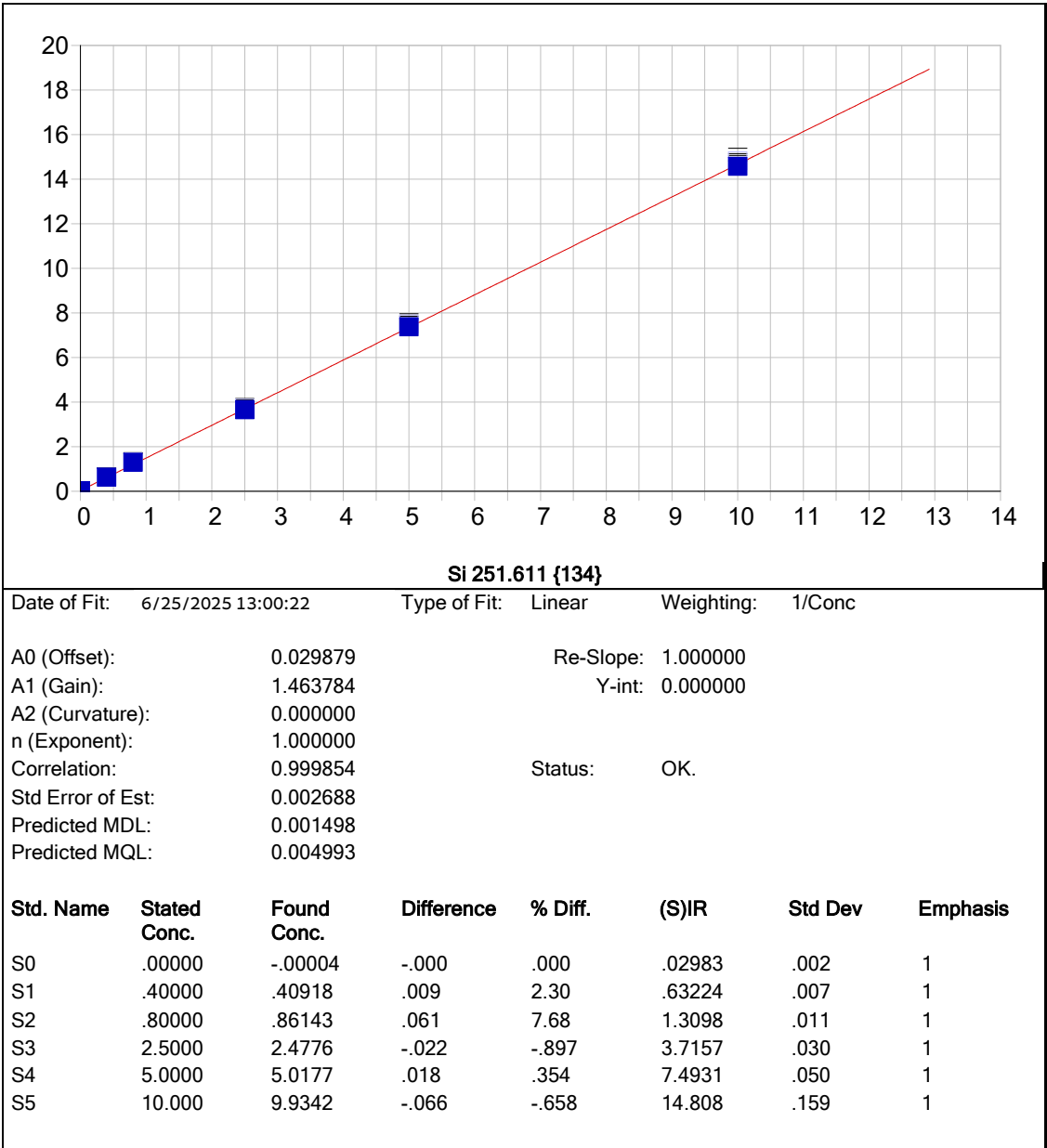


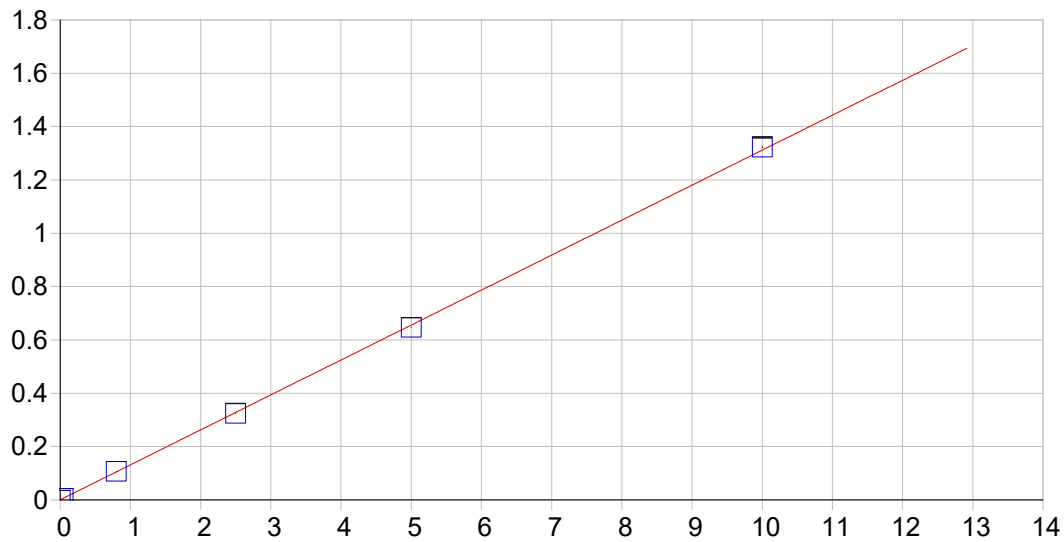
**S 182.034 {485}**

Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000432 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.051060 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999672 | Status:   | OK.      |
| Std Error of Est: | 0.000030 |           |          |
| Predicted MDL:    | 0.002981 |           |          |
| Predicted MQL:    | 0.009937 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00043 | .000    | 1        |
| S1        | .02000       | .01977      | -.000      | -1.13   | .00136 | .000    | 1        |
| S2        | .80000       | .76613      | -.034      | -4.23   | .03928 | .000    | 1        |
| S3        | 2.5000       | 2.4523      | -.048      | -1.91   | .12480 | .001    | 1        |
| S4        | 5.0000       | 4.8533      | -.147      | -2.93   | .24654 | .001    | 1        |
| S5        | 10.000       | 10.228      | .228       | 2.28    | .51931 | .000    | 1        |



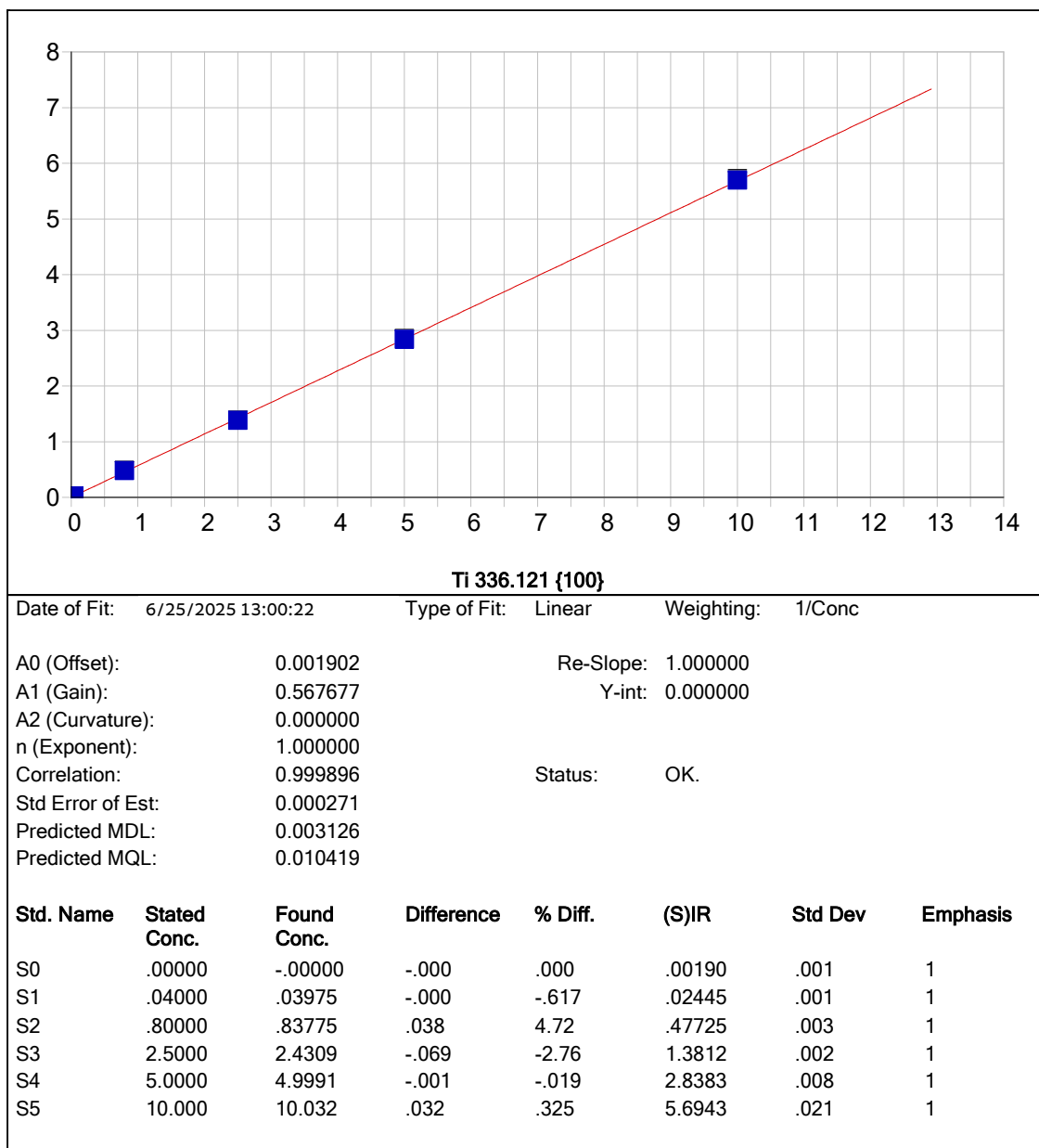


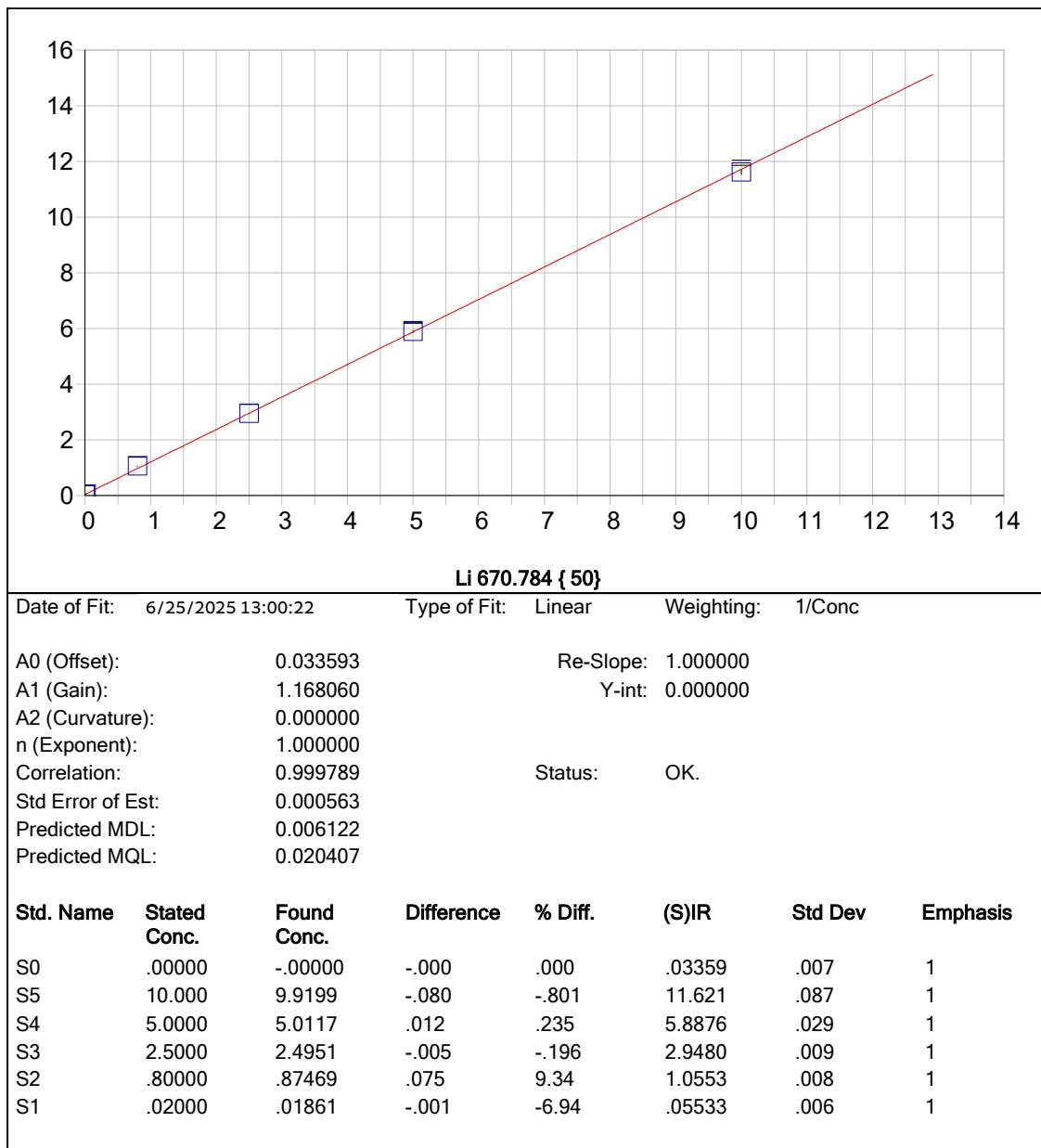
**Sn 189.989 {478}**

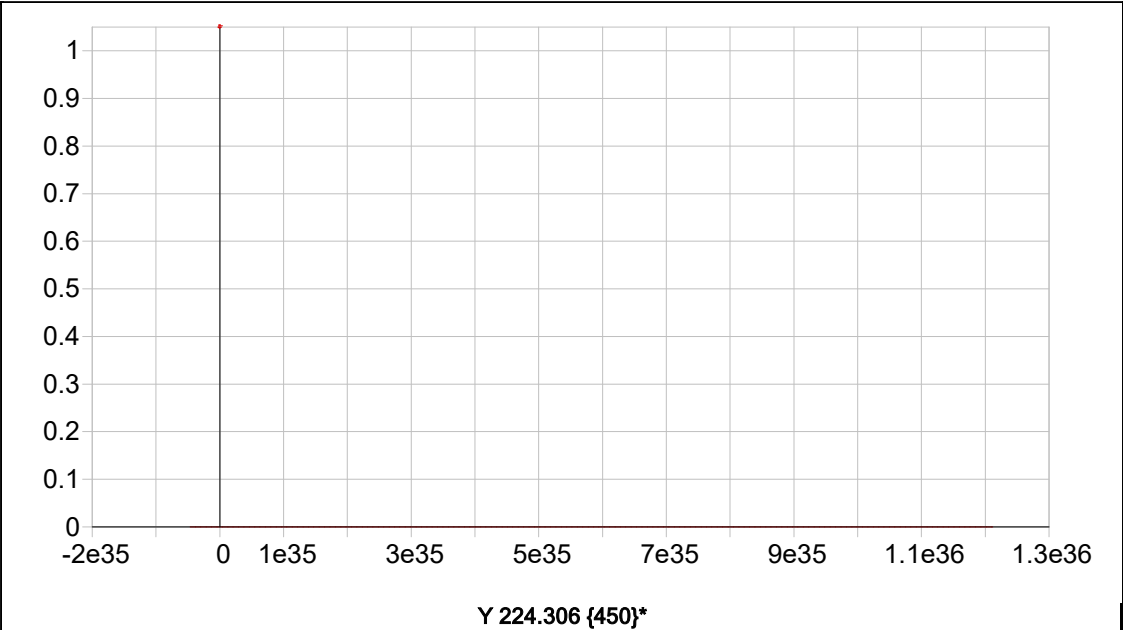
Date of Fit: 6/25/2025 13:00:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000  
A1 (Gain): 0.131099 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999937 Status: OK.  
Std Error of Est: 0.000049  
Predicted MDL: 0.001013  
Predicted MQL: 0.003377

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00030 | .000    | 1        |
| S1        | .04000       | .03909      | -.001      | -2.27   | .00543 | .000    | 1        |
| S2        | .80000       | .81330      | .013       | 1.66    | .10692 | .000    | 1        |
| S3        | 2.5000       | 2.4724      | -.028      | -1.10   | .32443 | .001    | 1        |
| S4        | 5.0000       | 4.9289      | -.071      | -1.42   | .64647 | .001    | 1        |
| S5        | 10.000       | 10.086      | .086       | .864    | 1.3226 | .002    | 1        |

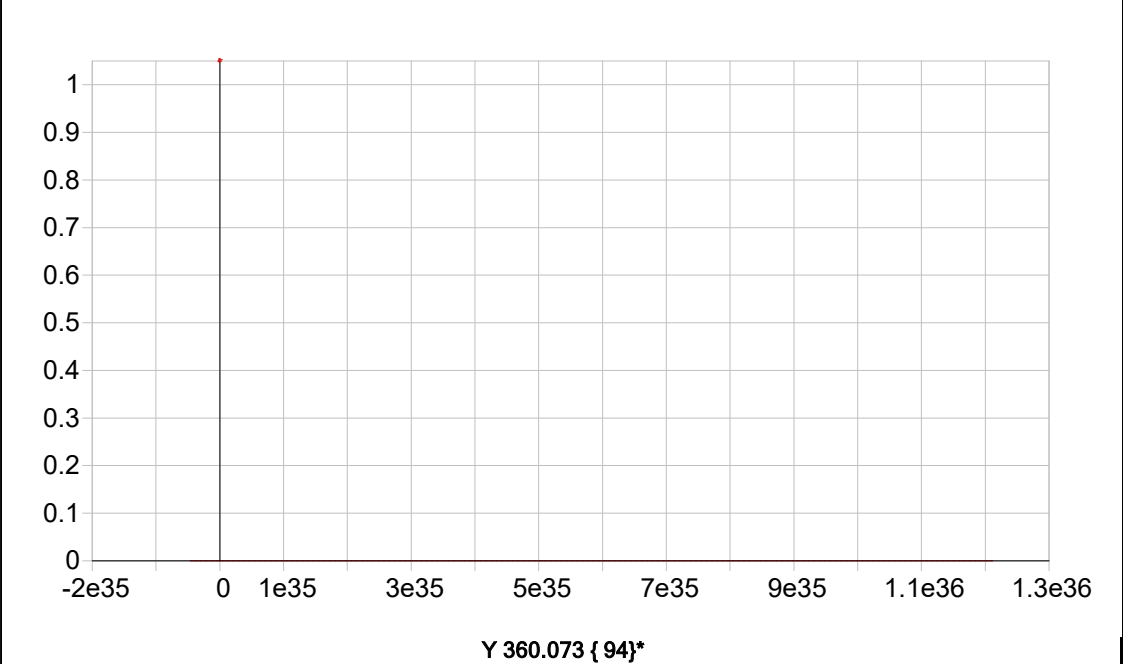




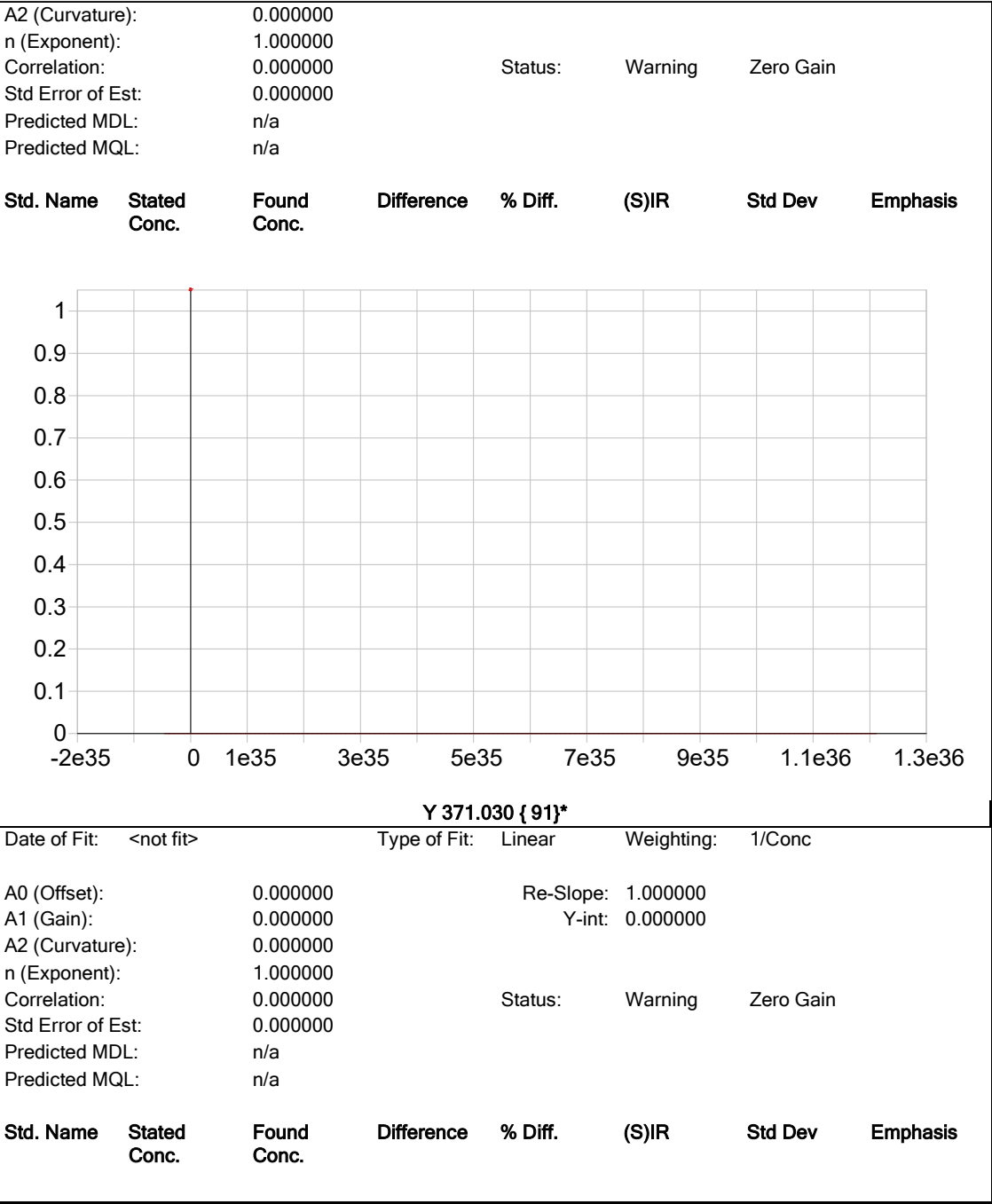


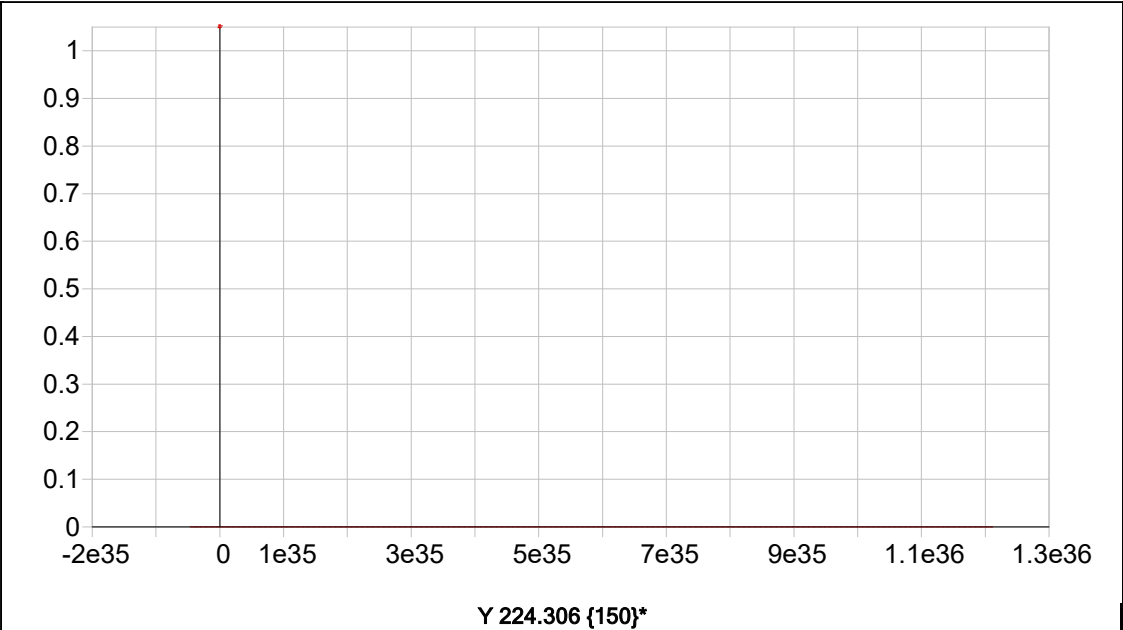
|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  | Re-Slope:    | 1.000000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

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



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

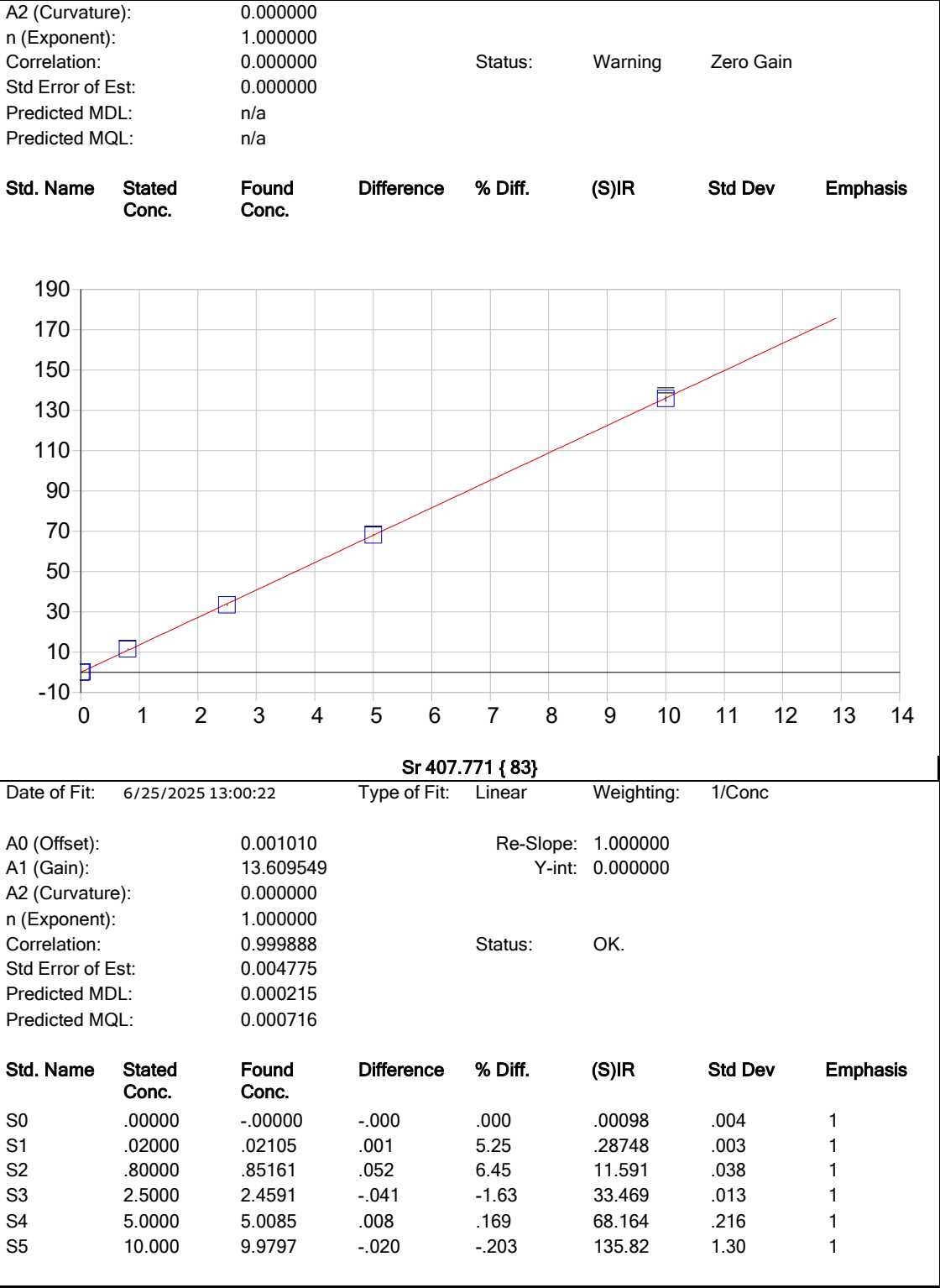




| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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

| Std. Name                                                                            | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|--------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
|  |              |             |            |         |       |         |          |
| ln 230.606 {446}*                                                                    |              |             |            |         |       |         |          |

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



Sample Name: S0      Acquired: 6/25/2025 12:23:08      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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>-.00012</b> | <b>.00003</b> | <b>.00003</b> | <b>.00000</b> | <b>.00050</b> | <b>.00140</b> | <b>.01782</b> | <b>.00583</b> |
| Stddev | .00013         | .00013        | .00018        | .00022        | .00011        | .00249        | .00355        | .00112        |
| %RSD   | 108.62         | 409.21        | 614.90        | 18e6          | 21.330        | 177.81        | 19.941        | 19.202        |

|    |                |                |                |                |               |                |               |               |
|----|----------------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|
| #1 | <b>-.00006</b> | <b>-.00012</b> | <b>.00010</b>  | <b>-.00000</b> | <b>.00043</b> | <b>.00170</b>  | <b>.02185</b> | <b>.00530</b> |
| #2 | <b>-.00003</b> | <b>.00011</b>  | <b>-.00018</b> | <b>.00023</b>  | <b>.00062</b> | <b>.00372</b>  | <b>.01645</b> | <b>.00507</b> |
| #3 | <b>-.00026</b> | <b>.00011</b>  | <b>.00017</b>  | <b>-.00022</b> | <b>.00045</b> | <b>-.00122</b> | <b>.01515</b> | <b>.00711</b> |

|        |               |               |               |               |               |               |               |                |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790         |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>.00000</b> | <b>.01427</b> | <b>.00064</b> | <b>.00020</b> | <b>.06358</b> | <b>.00078</b> | <b>.00076</b> | <b>-.00151</b> |
| Stddev | .00025        | .00019        | .00014        | .00029        | .00109        | .00147        | .00017        | .00116         |
| %RSD   | 7540.7        | 1.3055        | 21.307        | 141.90        | 1.7188        | 188.53        | 21.703        | 76.872         |

|    |                |               |               |                |               |                |               |                |
|----|----------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|
| #1 | <b>.00024</b>  | <b>.01406</b> | <b>.00073</b> | <b>.00051</b>  | <b>.06391</b> | <b>.00215</b>  | <b>.00093</b> | <b>-.00166</b> |
| #2 | <b>.00003</b>  | <b>.01435</b> | <b>.00070</b> | <b>.00016</b>  | <b>.06236</b> | <b>.00096</b>  | <b>.00060</b> | <b>-.00028</b> |
| #3 | <b>-.00026</b> | <b>.01441</b> | <b>.00048</b> | <b>-.00006</b> | <b>.06447</b> | <b>-.00077</b> | <b>.00076</b> | <b>-.00260</b> |

|        |               |                |                |               |               |               |                |               |
|--------|---------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|
| Elem   | Ni2316        | Ag3280         | Na8183         | V_2924        | Zn2138        | K_7698        | P_1774         | B_2496        |
| Units  | Cts/S         | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         |
| Avg    | <b>.00002</b> | <b>-.00055</b> | <b>-.11290</b> | <b>.00037</b> | <b>.00254</b> | <b>.44118</b> | <b>-.00013</b> | <b>.01319</b> |
| Stddev | .00004        | .00055         | .02305         | .00185        | .00060        | .01333        | .00002         | .00227        |
| %RSD   | 290.21        | 99.433         | 20.416         | 496.54        | 23.543        | 3.0225        | 12.109         | 17.216        |

|    |                |                |                |                |               |               |                |               |
|----|----------------|----------------|----------------|----------------|---------------|---------------|----------------|---------------|
| #1 | <b>-.00002</b> | <b>-.00084</b> | <b>-.09355</b> | <b>-.00096</b> | <b>.00186</b> | <b>.44407</b> | <b>-.00012</b> | <b>.01107</b> |
| #2 | <b>.00000</b>  | <b>.00008</b>  | <b>-.13840</b> | <b>-.00040</b> | <b>.00297</b> | <b>.42663</b> | <b>-.00015</b> | <b>.01290</b> |
| #3 | <b>.00007</b>  | <b>-.00089</b> | <b>-.10675</b> | <b>.00248</b>  | <b>.00280</b> | <b>.45283</b> | <b>-.00014</b> | <b>.01559</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.00041</b> | <b>.00043</b> | <b>.02983</b> | <b>.00030</b> | <b>.00190</b> | <b>.03359</b> | <b>.00098</b> |  |
| Stddev | .00032        | .00010        | .00247        | .00010        | .00090        | .00691        | .00427        |  |
| %RSD   | 77.465        | 22.919        | 8.2902        | 32.020        | 47.370        | 20.577        | 434.53        |  |

|    |               |               |               |               |               |               |                |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| #1 | <b>.00075</b> | <b>.00039</b> | <b>.03048</b> | <b>.00027</b> | <b>.00169</b> | <b>.03557</b> | <b>.00101</b>  |  |
| #2 | <b>.00012</b> | <b>.00054</b> | <b>.02709</b> | <b>.00023</b> | <b>.00289</b> | <b>.03930</b> | <b>-.00330</b> |  |
| #3 | <b>.00037</b> | <b>.00036</b> | <b>.03191</b> | <b>.00041</b> | <b>.00113</b> | <b>.02591</b> | <b>.00524</b>  |  |

Sample Name: S0      Acquired: 6/25/2025 12:23:08      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 5138.7 | 41515. | 2279.7 | 3651.0 | 5792.0 |
| Stddev    | 9.7    | 64.    | 11.6   | 9.4    | 7.1    |
| %RSD      | .18840 | .15529 | .51074 | .25873 | .12234 |
| #1        | 5128.7 | 41561. | 2281.8 | 3649.9 | 5784.3 |
| #2        | 5148.1 | 41441. | 2290.1 | 3642.1 | 5793.6 |
| #3        | 5139.4 | 41543. | 2267.1 | 3660.9 | 5798.1 |

Sample Name: S1      Acquired: 6/25/2025 12:27:39      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .00058 | .00483 | .00403 | .00130 | .00516 | .01394 | .56865 | .10094 |
| Stddev | .00009 | .00011 | .00044 | .00007 | .00019 | .00289 | .00226 | .00261 |
| %RSD   | 16.137 | 2.2789 | 10.833 | 5.6810 | 3.7216 | 20.746 | .39674 | 2.5861 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00065 | .00486 | .00390 | .00121 | .00527 | .01644 | .56949 | .09804 |
| #2 | .00062 | .00471 | .00368 | .00133 | .00494 | .01460 | .56609 | .10170 |
| #3 | .00047 | .00492 | .00452 | .00135 | .00527 | .01077 | .57037 | .10309 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02582 | .28059 | .00292 | .02339 | .22841 | .00610 | .01774 | .05809 |
| Stddev | .00031 | .00399 | .00020 | .00027 | .00662 | .00136 | .00113 | .00072 |
| %RSD   | 1.1860 | 1.4222 | 6.8722 | 1.1429 | 2.8984 | 22.243 | 6.3648 | 1.2399 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02551 | .28181 | .00314 | .02363 | .23110 | .00689 | .01689 | .05753 |
| #2 | .02582 | .28382 | .00288 | .02310 | .23326 | .00687 | .01731 | .05891 |
| #3 | .02612 | .27613 | .00275 | .02344 | .22087 | .00453 | .01902 | .05784 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02814 | .00179 | 2.2321 | .00545 | .06414 | 25.038 | .00113 | .19405 |
| Stddev | .00008 | .00013 | .0123  | .00226 | .00128 | .110   | .00007 | .00254 |
| %RSD   | .29778 | 7.0281 | .54950 | 41.390 | 1.9967 | .44109 | 6.4289 | 1.3068 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02817 | .00192 | 2.2222 | .00723 | .06509 | 24.946 | .00117 | .19678 |
| #2 | .02820 | .00166 | 2.2458 | .00291 | .06465 | 25.161 | .00105 | .19176 |
| #3 | .02804 | .00178 | 2.2282 | .00621 | .06269 | 25.009 | .00118 | .19362 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .10485 | .00136 | .63224 | .00543 | .02445 | .05533 | .28748 |
| Stddev | .00033 | .00008 | .00748 | .00008 | .00125 | .00606 | .00294 |
| %RSD   | .31891 | 6.0441 | 1.1825 | 1.3832 | 5.1239 | 10.946 | 1.0218 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10515 | .00127 | .63755 | .00551 | .02355 | .06230 | .28409 |
| #2 | .10491 | .00143 | .63549 | .00539 | .02588 | .05241 | .28924 |
| #3 | .10449 | .00139 | .62369 | .00538 | .02391 | .05129 | .28911 |

Sample Name: S1      Acquired: 6/25/2025 12:27:39      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 5108.2 | 41605. | 2292.8 | 3665.8 | 5713.9 |
| Stddev    | 9.3    | 84.    | 5.1    | 15.7   | 12.7   |
| %RSD      | .18156 | .20284 | .22114 | .42808 | .22236 |
| #1        | 5114.0 | 41662. | 2296.6 | 3664.2 | 5724.6 |
| #2        | 5097.5 | 41646. | 2287.1 | 3682.3 | 5699.9 |
| #3        | 5113.1 | 41508. | 2294.8 | 3651.0 | 5717.3 |

Sample Name: S2      Acquired: 6/25/2025 12:32:02      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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>.02687</b> | <b>.10195</b> | <b>.24435</b> | <b>.05143</b> | <b>.07385</b> | <b>.20104</b> | <b>8.8817</b> | <b>.63864</b> |
| Stddev | .00011        | .00034        | .00034        | .00016        | .00034        | .00315        | .0359         | .00589        |
| %RSD   | .41540        | .33046        | .13737        | .30813        | .45967        | 1.5679        | .40467        | .92151        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02699 | .10196 | .24398 | .05156 | .07421 | .20403 | 8.8588 | .63466 |
| #2 | .02677 | .10228 | .24463 | .05125 | .07378 | .20135 | 8.8633 | .63586 |
| #3 | .02685 | .10160 | .24443 | .05148 | .07354 | .19775 | 8.9231 | .64540 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.7607</b> | <b>.55081</b> | <b>.03759</b> | <b>.30750</b> | <b>1.7088</b> | <b>.04801</b> | <b>.30995</b> | <b>.10885</b> |
| Stddev | .0009         | .00532        | .00036        | .00065        | .0121         | .00031        | .00147        | .00135        |
| %RSD   | .05111        | .96658        | .94895        | .21210        | .70528        | .65405        | .47509        | 1.2434        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7600 | .55171 | .03799 | .30743 | 1.7161 | .04783 | .30992 | .10730 |
| #2 | 1.7603 | .54509 | .03729 | .30819 | 1.6949 | .04783 | .30849 | .10942 |
| #3 | 1.7617 | .55563 | .03749 | .30689 | 1.7155 | .04837 | .31144 | .10982 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.28449</b> | <b>.04810</b> | <b>4.7600</b> | <b>.05253</b> | <b>.63250</b> | <b>54.633</b> | <b>.05256</b> | <b>1.4494</b> |
| Stddev | .00013        | .00036        | .0471         | .00076        | .00347        | .421          | .00016        | .0083         |
| %RSD   | .04460        | .75643        | .98846        | 1.4475        | .54796        | .77129        | .29895        | .57640        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28436 | .04830 | 4.7460 | .05335 | .62850 | 54.552 | .05244 | 1.4474 |
| #2 | .28461 | .04833 | 4.7216 | .05238 | .63440 | 54.259 | .05251 | 1.4422 |
| #3 | .28450 | .04768 | 4.8125 | .05185 | .63461 | 55.089 | .05274 | 1.4585 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.42101</b> | <b>.03928</b> | <b>1.3098</b> | <b>.10692</b> | <b>.47725</b> | <b>1.0553</b> | <b>11.591</b> |
| Stddev | .00031        | .00039        | .0112         | .00019        | .00303        | .0080         | .037          |
| %RSD   | .07277        | .99479        | .85739        | .17908        | .63471        | .75396        | .32357        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .42092 | .03918 | 1.3093 | .10686 | .47691 | 1.0463 | 11.575 |
| #2 | .42135 | .03895 | 1.2988 | .10714 | .47440 | 1.0613 | 11.564 |
| #3 | .42076 | .03971 | 1.3212 | .10678 | .48043 | 1.0583 | 11.634 |

Sample Name: S2      Acquired: 6/25/2025 12:32:02      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 5108.3 | 41282. | 2292.7 | 3631.2 | 5563.9 |
| Stddev    | 19.2   | 15.    | 14.9   | 11.1   | 13.4   |
| %RSD      | .37585 | .03546 | .64901 | .30618 | .24026 |
| #1        | 5110.1 | 41294. | 2296.8 | 3643.0 | 5563.6 |
| #2        | 5088.3 | 41266. | 2305.1 | 3620.9 | 5550.8 |
| #3        | 5126.5 | 41286. | 2276.2 | 3629.8 | 5577.5 |

Sample Name: S3      Acquired: 6/25/2025 12:36:17      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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>.08385</b> | <b>.30534</b> | <b>.73552</b> | <b>.14821</b> | <b>.21077</b> | <b>.56237</b> | <b>25.658</b> | <b>1.8419</b> |
| Stddev | .00035        | .00063        | .00116        | .00037        | .00017        | .00379        | .018          | .0123         |
| %RSD   | .41562        | .20747        | .15731        | .24763        | .07832        | .67401        | .07172        | .66598        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08354 | .30461 | .73497 | .14785 | .21059 | .56267 | 25.658 | 1.8496 |
| #2 | .08378 | .30571 | .73474 | .14821 | .21090 | .56600 | 25.640 | 1.8277 |
| #3 | .08423 | .30570 | .73685 | .14859 | .21084 | .55843 | 25.677 | 1.8482 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>5.3731</b> | <b>1.5686</b> | <b>.10761</b> | <b>.92920</b> | <b>4.7594</b> | <b>.13395</b> | <b>.88196</b> | <b>.31365</b> |
| Stddev | .0184         | .0101         | .00029        | .00334        | .0358         | .00114        | .00136        | .00252        |
| %RSD   | .34307        | .64739        | .26929        | .35951        | .75295        | .85207        | .15425        | .80364        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3552 | 1.5740 | .10795 | .92554 | 4.7714 | .13526 | .88322 | .31639 |
| #2 | 5.3720 | 1.5568 | .10745 | .92996 | 4.7192 | .13336 | .88052 | .31143 |
| #3 | 5.3920 | 1.5748 | .10744 | .93209 | 4.7878 | .13322 | .88214 | .31313 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.85634</b> | <b>.13933</b> | <b>14.357</b> | <b>.15169</b> | <b>1.8413</b> | <b>171.08</b> | <b>.16300</b> | <b>4.2158</b> |
| Stddev | .00281        | .00012        | .104          | .00118        | .0032         | 2.24          | .00034        | .0316         |
| %RSD   | .32849        | .08537        | .72293        | .78001        | .17113        | 1.3113        | .20820        | .74893        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .85350 | .13942 | 14.385 | .15035 | 1.8448 | 173.65 | .16287 | 4.2170 |
| #2 | .85638 | .13937 | 14.242 | .15258 | 1.8387 | 169.51 | .16275 | 4.1837 |
| #3 | .85913 | .13920 | 14.443 | .15213 | 1.8403 | 170.08 | .16339 | 4.2468 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.2119</b> | <b>.12480</b> | <b>3.7157</b> | <b>.32443</b> | <b>1.3812</b> | <b>2.9480</b> | <b>33.469</b> |
| Stddev | .0037         | .00065        | .0299         | .00092        | .0021         | .0093         | .013          |
| %RSD   | .30302        | .52079        | .80455        | .28408        | .14941        | .31397        | .03831        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2087 | .12414 | 3.7300 | .32359 | 1.3794 | 2.9583 | 33.476 |
| #2 | 1.2111 | .12481 | 3.6813 | .32429 | 1.3807 | 2.9404 | 33.454 |
| #3 | 1.2159 | .12544 | 3.7357 | .32542 | 1.3834 | 2.9454 | 33.476 |

Sample Name: S3      Acquired: 6/25/2025 12:36:17      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 5199.8 | 41714. | 2344.4 | 3688.6 | 5318.8 |
| Stddev    | 8.2    | 231.   | 16.7   | 17.7   | 3.1    |
| %RSD      | .15791 | .55269 | .71269 | .47907 | .05757 |
| #1        | 5196.7 | 41462. | 2330.3 | 3668.2 | 5321.4 |
| #2        | 5209.1 | 41769. | 2362.9 | 3699.1 | 5319.5 |
| #3        | 5193.6 | 41913. | 2339.9 | 3698.6 | 5315.4 |

Sample Name: S4      Acquired: 6/25/2025 12:40:35      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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>.17017</b> | <b>.60213</b> | <b>1.4622</b> | <b>.30112</b> | <b>.42728</b> | <b>1.1322</b> | <b>52.408</b> | <b>3.6868</b> |
| Stddev | .00018        | .00041        | .0011         | .00040        | .00012        | .0061         | .142          | .0167         |
| %RSD   | .10329        | .06776        | .07814        | .13434        | .02817        | .53905        | .27019        | .45171        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17036 | .60256 | 1.4632 | .30140 | .42742 | 1.1386 | 52.245 | 3.6783 |
| #2 | .17001 | .60175 | 1.4610 | .30066 | .42721 | 1.1316 | 52.476 | 3.6761 |
| #3 | .17012 | .60207 | 1.4626 | .30130 | .42722 | 1.1264 | 52.503 | 3.7060 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>10.781</b> | <b>3.1836</b> | <b>.21547</b> | <b>1.8481</b> | <b>9.4686</b> | <b>.27493</b> | <b>1.7872</b> | <b>.63708</b> |
| Stddev | .011          | .0113         | .00058        | .0011         | .0534         | .00045        | .0074         | .00282        |
| %RSD   | .10148        | .35348        | .26917        | .05838        | .56363        | .16356        | .41296        | .44339        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.792 | 3.1714 | .21541 | 1.8493 | 9.4599 | .27516 | 1.7822 | .63660 |
| #2 | 10.770 | 3.1860 | .21609 | 1.8472 | 9.4201 | .27522 | 1.7838 | .63453 |
| #3 | 10.780 | 3.1935 | .21493 | 1.8477 | 9.5258 | .27441 | 1.7957 | .64011 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.7019</b> | <b>.27964</b> | <b>30.154</b> | <b>.31204</b> | <b>3.6849</b> | <b>368.24</b> | <b>.33209</b> | <b>8.6036</b> |
| Stddev | .0026         | .00121        | .173          | .00087        | .0085         | .98           | .00089        | .0488         |
| %RSD   | .15085        | .43298        | .57300        | .27832        | .23096        | .26655        | .26808        | .56773        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7048 | .28005 | 30.083 | .31155 | 3.6876 | 367.42 | .33312 | 8.5836 |
| #2 | 1.6998 | .28058 | 30.028 | .31153 | 3.6918 | 367.98 | .33156 | 8.5679 |
| #3 | 1.7010 | .27827 | 30.351 | .31305 | 3.6754 | 369.33 | .33159 | 8.6592 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.4496</b> | <b>.24654</b> | <b>7.4931</b> | <b>.64647</b> | <b>2.8383</b> | <b>5.8876</b> | <b>68.164</b> |
| Stddev | .0032         | .00062        | .0504         | .00052        | .0079         | .0294         | .216          |
| %RSD   | .12850        | .24966        | .67280        | .08018        | .27944        | .49929        | .31705        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4532 | .24676 | 7.4710 | .64690 | 2.8293 | 5.8629 | 67.916 |
| #2 | 2.4476 | .24585 | 7.4575 | .64589 | 2.8416 | 5.8798 | 68.310 |
| #3 | 2.4480 | .24703 | 7.5508 | .64661 | 2.8441 | 5.9201 | 68.266 |

Sample Name: S4      Acquired: 6/25/2025 12:40:35      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 4974.1 | 40263. | 2251.5 | 3569.1 | 5114.5 |
| Stddev    | 10.4   | 159.   | 11.5   | 23.2   | 11.9   |
| %RSD      | .20920 | .39454 | .50859 | .64862 | .23288 |
| #1        | 4968.1 | 40347. | 2262.5 | 3570.7 | 5108.8 |
| #2        | 4968.1 | 40080. | 2252.4 | 3545.2 | 5106.6 |
| #3        | 4986.1 | 40363. | 2239.6 | 3591.4 | 5128.2 |

Sample Name: S5      Acquired: 6/25/2025 12:44:53      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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>.35679</b> | <b>1.2078</b> | <b>3.0056</b> | <b>.60960</b> | <b>.86296</b> | <b>2.2663</b> | <b>104.22</b> | <b>7.2321</b> |
| Stddev | .00045        | .0022         | .0020         | .00070        | .00044        | .0117         | 1.48          | .0774         |
| %RSD   | .12531        | .18549        | .06551        | .11468        | .05114        | .51733        | 1.4194        | 1.0702        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35638 | 1.2052 | 3.0037 | .61028 | .86250 | 2.2565 | 103.81 | 7.1762 |
| #2 | .35671 | 1.2093 | 3.0076 | .60965 | .86302 | 2.2630 | 102.99 | 7.1997 |
| #3 | .35727 | 1.2089 | 3.0054 | .60888 | .86337 | 2.2793 | 105.86 | 7.3204 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>22.051</b> | <b>6.3433</b> | <b>.42613</b> | <b>3.7885</b> | <b>18.444</b> | <b>.54821</b> | <b>3.5689</b> | <b>1.2668</b> |
| Stddev | .021          | .0255         | .00115        | .0062         | .183          | .00349        | .0166         | .0114         |
| %RSD   | .09713        | .40168        | .26937        | .16453        | .99384        | .63635        | .46602        | .89879        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 22.035 | 6.3283 | .42492 | 3.7815 | 18.346 | .54492 | 3.5531 | 1.2596 |
| #2 | 22.075 | 6.3290 | .42628 | 3.7935 | 18.331 | .54783 | 3.5673 | 1.2608 |
| #3 | 22.042 | 6.3727 | .42720 | 3.7905 | 18.656 | .55187 | 3.5862 | 1.2799 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.4867</b> | <b>.55806</b> | <b>61.005</b> | <b>.62443</b> | <b>7.3884</b> | <b>752.46</b> | <b>.69507</b> | <b>17.047</b> |
| Stddev | .0045         | .00180        | .426          | .00677        | .0233         | 6.46          | .00131        | .180          |
| %RSD   | .12779        | .32249        | .69893        | 1.0841        | .31487        | .85840        | .18826        | 1.0540        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4861 | .55601 | 60.917 | .61756 | 7.3650 | 753.04 | .69370 | 16.988 |
| #2 | 3.4915 | .55878 | 60.629 | .62463 | 7.4115 | 745.73 | .69519 | 16.905 |
| #3 | 3.4826 | .55939 | 61.468 | .63110 | 7.3889 | 758.61 | .69631 | 17.249 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>4.9411</b> | <b>.51931</b> | <b>14.808</b> | <b>1.3226</b> | <b>5.6943</b> | <b>11.621</b> | <b>135.82</b> |
| Stddev | .0035         | .00040        | .159          | .0022         | .0209         | .087          | 1.30          |
| %RSD   | .07166        | .07737        | 1.0712        | .16575        | .36659        | .74827        | .95710        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9416 | .51977 | 14.721 | 1.3206 | 5.6713 | 11.536 | 134.83 |
| #2 | 4.9443 | .51901 | 14.712 | 1.3249 | 5.6995 | 11.617 | 135.34 |
| #3 | 4.9373 | .51915 | 14.991 | 1.3223 | 5.7121 | 11.709 | 137.29 |

Sample Name: S5      Acquired: 6/25/2025 12:44:53      Type: Cal  
Method: METHOD 6010D, 200.7(v27)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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       | 4869.6 | 39760. | 2243.2 | 3497.7 | 4877.1 |
| Stddev    | 5.9    | 48.    | 17.7   | 15.0   | 8.6    |
| %RSD      | .12069 | .12100 | .79073 | .42936 | .17654 |
| #1        | 4872.0 | 39771. | 2250.1 | 3507.3 | 4882.5 |
| #2        | 4862.9 | 39707. | 2256.4 | 3480.4 | 4867.2 |
| #3        | 4873.9 | 39801. | 2223.0 | 3505.3 | 4881.6 |

Sample Name: ICV01      Acquired: 6/25/2025 13:08:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.962825</b> | <b>3.954424</b> | <b>3.992403</b> | <b>4.085336</b> | <b>4.214041</b> | <b>8.068110</b> | <b>8.174399</b> |
| Stddev | .012886         | .013365         | .014385         | .009671         | .007351         | .037381         | .056657         |
| %RSD   | .3251725        | .3379860        | .3603190        | .2367236        | .1744339        | .4633148        | .6930970        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.960567 | 3.952899 | 3.988680 | 4.089202 | 4.212757 | 8.108349 | 8.239435 |
| #2 | 3.951217 | 3.941886 | 3.980245 | 4.074330 | 4.207416 | 8.034465 | 8.135741 |
| #3 | 3.976690 | 3.968486 | 4.008284 | 4.092477 | 4.221949 | 8.061516 | 8.148021 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2071274</b> | <b>2.016901</b> | <b>20.12686</b> | <b>.8312224</b> | <b>2.046691</b> | <b>1.056846</b> | <b>4.102633</b> |
| Stddev | .0026382        | .007859         | .09105          | .0037239        | .007131         | .015302         | .009411         |
| %RSD   | 1.273698        | .3896469        | .4523673        | .4480068        | .3484027        | 1.447934        | .2293994        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2094507 | 2.015868 | 20.19406 | .8271819 | 2.044672 | 1.071669 | 4.100952 |
| #2 | .2042594 | 2.009610 | 20.16330 | .8345167 | 2.040788 | 1.041105 | 4.112772 |
| #3 | .2076721 | 2.025225 | 20.02324 | .8319687 | 2.054614 | 1.057764 | 4.094176 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.026524</b> | <b>20.31734</b> | <b>2.044139</b> | <b>1.017235</b> | <b>20.05179</b> | <b>2.044864</b> | <b>2.062200</b> |
| Stddev | .007382         | .06276          | .008159         | .000846         | .20135          | .011786         | .003330         |
| %RSD   | .3642515        | .3089093        | .3991242        | .0831883        | 1.004143        | .5763651        | .1614961        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.034391 | 20.38696 | 2.046277 | 1.017141 | 20.22995 | 2.056330 | 2.063671 |
| #2 | 2.025432 | 20.29997 | 2.035124 | 1.016439 | 19.83334 | 2.032782 | 2.064541 |
| #3 | 2.019750 | 20.26510 | 2.051016 | 1.018124 | 20.09208 | 2.045479 | 2.058387 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>19.50303</b> | <b>.0185298</b> | <b>3.925645</b> | <b>3.997328</b> | <b>.0441857</b> | <b>3.692600</b> | <b>3.958003</b> |
| Stddev | .16871          | .0014355        | .055724         | .009619         | .0016567        | .059225         | .016830         |
| %RSD   | .8650564        | 7.747002        | 1.419494        | .2406405        | 3.749285        | 1.603889        | .4252050        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.69372 | .0199787 | 3.980102 | 3.996666 | .0423200 | 3.744388 | 3.950017 |
| #2 | 19.37316 | .0185025 | 3.868734 | 3.988056 | .0447526 | 3.628026 | 3.946653 |
| #3 | 19.44220 | .0171081 | 3.928099 | 4.007261 | .0454844 | 3.705385 | 3.977339 |

Sample Name: ICV01      Acquired: 6/25/2025 13:08:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.942083 | .0104361 | .0003316 |
| Stddev | .011369  | .0074890 | .0001370 |
| %RSD   | .2884122 | 71.76032 | 41.31058 |
| #1     | 3.954932 | .0157620 | .0004543 |
| #2     | 3.933325 | .0136733 | .0003566 |
| #3     | 3.937993 | .0018731 | .0001838 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5074.112 | 40937.97 | 2314.876 | 3612.429 | 5288.606 |
| Stddev    | 18.534   | 287.15   | 20.561   | 30.633   | 23.440   |
| %RSD      | .3652739 | .7014192 | .8882003 | .8479842 | .4432205 |
| #1        | 5060.644 | 41080.56 | 2291.690 | 3623.137 | 5277.378 |
| #2        | 5095.250 | 40607.44 | 2330.891 | 3577.879 | 5315.548 |
| #3        | 5066.441 | 41125.92 | 2322.047 | 3636.270 | 5272.892 |

Sample Name: LLICV01      Acquired: 6/25/2025 13:20:39      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0203240</b> | <b>.0416941</b> | <b>.0131814</b> | <b>.0228059</b> | <b>.0555280</b> | <b>.0990071</b> | <b>.1063330</b> |
| Stddev | .0049461        | .0006605        | .0007467        | .0029697        | .0010750        | .0111082        | .0011501        |
| %RSD   | 24.33655        | 1.584111        | 5.664581        | 13.02172        | 1.936050        | 11.21956        | 1.081597        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0191219 | .0423723 | .0140272 | .0206989 | .0552018 | .0865804 | .1072057 |
| #2 | .0257604 | .0410529 | .0126138 | .0262024 | .0567283 | .1079725 | .1050297 |
| #3 | .0160896 | .0416569 | .0129031 | .0215164 | .0546537 | .1024685 | .1067636 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066228</b> | <b>.0059335</b> | <b>2.098003</b> | <b>.0101032</b> | <b>.0310674</b> | <b>.0220222</b> | <b>.0919711</b> |
| Stddev | .0000352        | .0000750        | .016869         | .0008258        | .0005599        | .0011751        | .0210809        |
| %RSD   | .5315427        | 1.264017        | .8040662        | 8.173498        | 1.802220        | 5.335841        | 22.92119        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066350 | .0058521 | 2.082213 | .0098291 | .0316665 | .0213645 | .0883119 |
| #2 | .0066502 | .0059487 | 2.096020 | .0094493 | .0309780 | .0213232 | .1146421 |
| #3 | .0065831 | .0059998 | 2.115776 | .0110312 | .0305575 | .0233789 | .0729594 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0239544</b> | <b>2.339203</b> | <b>.0413590</b> | <b>.0106409</b> | <b>1.919963</b> | <b>.0365334</b> | <b>.0420951</b> |
| Stddev | .0004597        | .082954         | .0006522        | .0003019        | .023139         | .0106146        | .0000879        |
| %RSD   | 1.918923        | 3.546252        | 1.577013        | 2.837624        | 1.205204        | 29.05452        | .2087689        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0234293 | 2.253062 | .0420669 | .0107052 | 1.910504 | .0380146 | .0421739 |
| #2 | .0242840 | 2.345994 | .0412276 | .0109055 | 1.903051 | .0463295 | .0420003 |
| #3 | .0241499 | 2.418553 | .0407824 | .0103120 | 1.946333 | .0252560 | .0421111 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.695636</b> | <b>.0196231</b> | <b>.1053701</b> | <b>.2131824</b> | <b>.0216797</b> | <b>.4067938</b> | <b>.0384456</b> |
| Stddev | .012788         | .0006206        | .0019110        | .0003426        | .0030939        | .0047881        | .0002542        |
| %RSD   | .7541676        | 3.162743        | 1.813637        | .1607112        | 14.27099        | 1.177030        | .6611493        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.682683 | .0202693 | .1034333 | .2130384 | .0249771 | .4031215 | .0386169 |
| #2 | 1.695975 | .0190317 | .1054227 | .2129352 | .0188404 | .4050506 | .0381535 |
| #3 | 1.708252 | .0195681 | .1072543 | .2135735 | .0212215 | .4122092 | .0385663 |

Sample Name: LLICV01      Acquired: 6/25/2025 13:20:39      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0393669 | .0215176 | .0208410 |
| Stddev | .0018992 | .0108063 | .0003603 |
| %RSD   | 4.824259 | 50.22098 | 1.728991 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0413829 | .0222695 | .0208309 |
| #2 | .0376115 | .0319284 | .0204858 |
| #3 | .0391061 | .0103550 | .0212062 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5196.222 | 41958.92 | 2325.810 | 3698.794 | 5793.603 |
| Stddev    | 16.881   | 80.22    | 23.342   | 5.657    | 18.620   |
| %RSD      | .3248699 | .1911905 | 1.003627 | .1529299 | .3213946 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5178.799 | 41872.37 | 2340.976 | 3692.466 | 5773.324 |
| #2 | 5212.503 | 41973.60 | 2337.524 | 3703.359 | 5809.930 |
| #3 | 5197.364 | 42030.79 | 2298.930 | 3700.558 | 5797.555 |

Sample Name: ICB01      Acquired: 6/25/2025 14:53:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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    | .0012575 | -.000610 | .0007956 | -.000376 | -.001802 | -.017457 | -.000952 |
| Stddev | .0023684 | .000767  | .0015549 | .003868  | .001472  | .016926  | .000676  |
| %RSD   | 188.3433 | 125.8047 | 195.4356 | 1030.027 | 81.69584 | 96.95941 | 70.97991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026279 | .000207  | .0000416 | -.004268 | -.000999 | .000737  | -.000957 |
| #2 | -.001477 | -.001315 | -.000239 | .003468  | -.000905 | -.032737 | -.000274 |
| #3 | .002622  | -.000722 | .002584  | -.000327 | -.003501 | -.020370 | -.001626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000541 | -.000002 | -.028326 | -.000100 | -.000104 | -.001221 | -.010347 |
| Stddev | .0000546 | .000043  | .015042  | .001134  | .000143  | .000577  | .028537  |
| %RSD   | 100.9997 | 1839.452 | 53.10107 | 1132.513 | 138.2987 | 47.29898 | 275.8075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000542 | .000013  | -.045648 | .000926  | .000053  | -.001677 | -.042747 |
| #2 | -.000001 | -.000051 | -.018561 | -.001317 | -.000136 | -.000572 | .011054  |
| #3 | .000109  | .000031  | -.020770 | .000091  | -.000228 | -.001413 | .000652  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013989 | -.011566 | .0003966 | -.001063 | .0377364 | -.005960 | -.001389 |
| Stddev | .0001736 | .017449  | .0004103 | .001135  | .0153168 | .003575  | .000393  |
| %RSD   | 12.40680 | 150.8724 | 103.4524 | 106.7637 | 40.58889 | 59.98437 | 28.28179 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014630 | -.028531 | .0007447 | .000247  | .0221699 | -.002979 | -.001044 |
| #2 | .0012024 | -.012497 | -.000056 | -.001679 | .0382487 | -.004977 | -.001816 |
| #3 | .0015314 | .006331  | .000501  | -.001758 | .0527906 | -.009924 | -.001305 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029573 | .0018417 | -.006996 | -.000190 | -.003786 | .0030898 | -.001837 |
| Stddev | .0014722 | .0010116 | .001055  | .000440  | .005026  | .0008293 | .000521  |
| %RSD   | 49.78277 | 54.92725 | 15.08052 | 231.6572 | 132.7363 | 26.84129 | 28.34150 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045657 | .0009869 | -.007535 | -.000127 | -.005755 | .0039147 | -.002166 |
| #2 | .0016763 | .0029586 | -.005781 | -.000658 | .001926  | .0022562 | -.002109 |
| #3 | .0026300 | .0015796 | -.007673 | .000215  | -.007530 | .0030985 | -.001237 |

Sample Name: ICB01      Acquired: 6/25/2025 14:53:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000727</b> | <b>-.004635</b> | <b>-.000288</b> |
| Stddev | .003884         | .003154         | .000122         |
| %RSD   | 534.3072        | 68.05112        | 42.52980        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001587  | -.007667 | -.000415 |
| #2 | .001442  | -.004867 | -.000170 |
| #3 | -.005210 | -.001371 | -.000279 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5216.031</b> | <b>42225.55</b> | <b>2322.429</b> | <b>3699.768</b> | <b>5905.745</b> |
| Stddev    | 17.883          | 104.16          | 14.780          | 6.635           | 15.448          |
| %RSD      | .3428496        | .2466765        | .6364103        | .1793229        | .2615809        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5195.501 | 42285.69 | 2320.318 | 3705.312 | 5888.649 |
| #2 | 5228.220 | 42285.69 | 2308.818 | 3701.573 | 5918.703 |
| #3 | 5224.373 | 42105.28 | 2338.151 | 3692.417 | 5909.883 |

Sample Name: CRI01      Acquired: 6/25/2025 15:24:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0164643 | .0367597 | .0132439 | .0203430 | .0496322 | .1029832 | .0993570 |
| Stddev | .0006160 | .0025287 | .0006800 | .0026749 | .0028463 | .0095089 | .0006656 |
| %RSD   | 3.741672 | 6.879056 | 5.134398 | 13.14880 | 5.734733 | 9.233487 | .6698979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0169450 | .0355422 | .0138884 | .0204020 | .0524074 | .1098772 | .0988055 |
| #2 | .0157699 | .0396669 | .0125332 | .0229879 | .0497693 | .0921352 | .0991692 |
| #3 | .0166781 | .0350701 | .0133101 | .0176391 | .0467198 | .1069373 | .1000963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064312 | .0055938 | 1.996597 | .0089756 | .0298826 | .0220516 | .1065851 |
| Stddev | .0001909 | .0000369 | .010836  | .0008970 | .0001870 | .0004314 | .0133159 |
| %RSD   | 2.968851 | .6597115 | .5427030 | 9.994193 | .6258498 | 1.956243 | 12.49319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0064985 | .0056193 | 1.990197 | .0080040 | .0296979 | .0225157 | .1170164 |
| #2 | .0065794 | .0055515 | 2.009107 | .0097724 | .0298781 | .0216630 | .0915866 |
| #3 | .0062157 | .0056105 | 1.990486 | .0091502 | .0300719 | .0219760 | .1111522 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0243025 | 2.154880 | .0386091 | .0097125 | 1.871616 | .0428185 | .0396749 |
| Stddev | .0011672 | .035918  | .0003200 | .0005155 | .007480  | .0064938 | .0006947 |
| %RSD   | 4.802636 | 1.666819 | .8288296 | 5.307170 | .3996465 | 15.16588 | 1.750898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0229605 | 2.196350 | .0389300 | .0096987 | 1.879217 | .0437716 | .0398711 |
| #2 | .0248666 | 2.133626 | .0386073 | .0092041 | 1.871369 | .0487830 | .0402504 |
| #3 | .0250805 | 2.134664 | .0382900 | .0102348 | 1.864263 | .0359008 | .0389032 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.943410 | .0190986 | .0942140 | .1925917 | .0204292 | .3882390 | .0362985 |
| Stddev | .005208  | .0015452 | .0009142 | .0007238 | .0020979 | .0035570 | .0001461 |
| %RSD   | .2679842 | 8.090841 | .9703856 | .3758492 | 10.26915 | .9161937 | .4024816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.938420 | .0173302 | .0932678 | .1917768 | .0226932 | .3845703 | .0361524 |
| #2 | 1.948812 | .0197774 | .0942816 | .1928385 | .0200437 | .3884741 | .0364446 |
| #3 | 1.942999 | .0201883 | .0950926 | .1931600 | .0185509 | .3916727 | .0362984 |

Sample Name: CRI01      Acquired: 6/25/2025 15:24:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0342171 | .0099566 | .0208884 |
| Stddev | .0051681 | .0006515 | .0001220 |
| %RSD   | 15.10370 | 6.542959 | .5842461 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0401846 | .0106114 | .0210017 |
| #2 | .0312204 | .0099499 | .0207592 |
| #3 | .0312463 | .0093086 | .0209043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5190.052 | 41862.50 | 2270.426 | 3675.074 | 5792.995 |
| Stddev    | 14.050   | 162.09   | 6.705    | 19.640   | 19.566   |
| %RSD      | .2707178 | .3871897 | .2952997 | .5344138 | .3377442 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5205.241 | 41676.22 | 2278.155 | 3652.450 | 5811.057 |
| #2 | 5187.395 | 41971.42 | 2266.958 | 3685.021 | 5795.715 |
| #3 | 5177.519 | 41939.85 | 2266.167 | 3687.751 | 5772.211 |

Sample Name: ICSA01      Acquired: 6/25/2025 15:29:03      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000862</b> | <b>.0031834</b> | <b>.0000316</b> | <b>.0019279</b> | <b>.0237386</b> | <b>260.8626</b> |
| Stddev | .002384         | .0016564        | .0029634        | .0009143        | .0002838        | 1.5811          |
| %RSD   | 276.4524        | 52.03155        | 9376.861        | 47.42696        | 1.195440        | .6061191        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002397</b> | <b>.0032506</b> | <b>-.000310</b> | <b>.0011047</b> | <b>.0235490</b> | <b>259.3019</b> |
| #2 | <b>.001884</b>  | <b>.0048051</b> | <b>-.002746</b> | <b>.0017669</b> | <b>.0240649</b> | <b>260.8227</b> |
| #3 | <b>-.002074</b> | <b>.0014944</b> | <b>.003151</b>  | <b>.0029120</b> | <b>.0236020</b> | <b>262.4634</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0056398</b> | <b>.0011308</b> | <b>-.002305</b> | <b>247.6853</b> | <b>.0523614</b> | <b>.0226037</b> |
| Stddev | .0004644        | .0000705        | .000161         | .8814           | .0007575        | .0009710        |
| %RSD   | 8.235157        | 6.230635        | 6.980606        | .3558378        | 1.446721        | 4.295888        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0052420</b> | <b>.0010975</b> | <b>-.002346</b> | <b>246.7158</b> | <b>.0527171</b> | <b>.0218523</b> |
| #2 | <b>.0055273</b> | <b>.0010831</b> | <b>-.002128</b> | <b>248.4382</b> | <b>.0528756</b> | <b>.0237002</b> |
| #3 | <b>.0061502</b> | <b>.0012117</b> | <b>-.002442</b> | <b>247.9019</b> | <b>.0514915</b> | <b>.0222588</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.009163</b> | <b>104.3441</b> | <b>.0075790</b> | <b>258.8012</b> | <b>.0046450</b> | <b>-.007285</b> |
| Stddev | .000173         | .4249           | .0012137        | 1.3951          | .0002654        | .001083         |
| %RSD   | 1.884097        | .4071976        | 16.01359        | .5390493        | 5.714086        | 14.85993        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.008981</b> | <b>103.8537</b> | <b>.0069112</b> | <b>257.2795</b> | <b>.0047251</b> | <b>-.006083</b> |
| #2 | <b>-.009182</b> | <b>104.5767</b> | <b>.0089799</b> | <b>259.1045</b> | <b>.0043487</b> | <b>-.008183</b> |
| #3 | <b>-.009325</b> | <b>104.6019</b> | <b>.0068459</b> | <b>260.0197</b> | <b>.0048611</b> | <b>-.007589</b> |

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>.2074202</b> | <b>.0034824</b> | <b>.0128675</b> | <b>.0061520</b> | <b>.0077755</b> | <b>F .0122571</b> |
| Stddev | .0141109        | .0060120        | .0007804        | .0009650        | .0004455        | .0015979          |
| %RSD   | 6.803044        | 172.6381        | 6.064750        | 15.68523        | 5.730019        | 13.03650          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2061765</b> | <b>.0017106</b> | <b>.0124358</b> | <b>.0061322</b> | <b>.0076417</b> | <b>.0109189</b> |
| #2 | <b>.2221118</b> | <b>-.001445</b> | <b>.0123984</b> | <b>.0071268</b> | <b>.0074122</b> | <b>.0140263</b> |
| #3 | <b>.1939723</b> | <b>.010181</b>  | <b>.0137684</b> | <b>.0051971</b> | <b>.0082726</b> | <b>.0118260</b> |

Sample Name: ICSA01      Acquired: 6/25/2025 15:29:03      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044646 | .0178590 | -.005321 | .0069839 | -.003332 | -.002568 |
| Stddev | .0006088 | .0038429 | .001032  | .0017304 | .002161  | .006152  |
| %RSD   | 13.63671 | 21.51820 | 19.39593 | 24.77672 | 64.85463 | 239.5893 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0051136 | .0168850 | -.006317 | .0051794 | -.005156 | -.000343 |
| #2 | .0043742 | .0145969 | -.005392 | .0086292 | -.003897 | .002163  |
| #3 | .0039061 | .0220953 | -.004256 | .0071433 | -.000945 | -.009523 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1041335 |
| Stddev | .0002657   |
| %RSD   | .2551716   |

|    |          |
|----|----------|
| #1 | .1039998 |
| #2 | .1039612 |
| #3 | .1044395 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4757.946 | 37239.82 | 2229.012 | 3356.322 | 4691.883 |
| Stddev    | 10.348   | 38.87    | 8.190    | 10.269   | 11.973   |
| %RSD      | .2174967 | .1043905 | .3674268 | .3059614 | .2551756 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4759.653 | 37282.08 | 2238.052 | 3368.179 | 4686.454 |
| #2 | 4767.335 | 37231.80 | 2222.088 | 3350.470 | 4705.608 |
| #3 | 4746.851 | 37205.58 | 2226.894 | 3350.316 | 4683.586 |

Sample Name: ICSAB01      Acquired: 6/25/2025 15:51:07      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0924485 | .0960573 | .0494085 | .0480616 | .6165195 | 249.1496 | .5008605 |
| Stddev | .0046458 | .0012622 | .0035599 | .0037942 | .0045518 | .5944    | .0010072 |
| %RSD   | 5.025314 | 1.313965 | 7.205021 | 7.894363 | .7383133 | .2385518 | .2010867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0874313 | .0969879 | .0503934 | .0522306 | .6163016 | 248.6225 | .5000365 |
| #2 | .0966016 | .0946207 | .0454598 | .0448109 | .6120805 | 249.7938 | .5005618 |
| #3 | .0933127 | .0965633 | .0523722 | .0471432 | .6211763 | 249.0326 | .5019833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5228616 | .9847231 | 238.5953 | .5551693 | .5067142 | .4825025 | 100.5378 |
| Stddev | .0022191 | .0023977 | .9547    | .0022872 | .0014708 | .0011465 | .0561    |
| %RSD   | .4244168 | .2434913 | .4001279 | .4119757 | .2902586 | .2376196 | .0558254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5225220 | .9832950 | 238.9524 | .5575399 | .5054548 | .4833672 | 100.6004 |
| #2 | .5252310 | .9833830 | 239.3199 | .5549920 | .5063571 | .4829382 | 100.5210 |
| #3 | .5208319 | .9874913 | 237.5135 | .5529759 | .5083306 | .4812019 | 100.4920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4978503 | 248.8034 | .9681476 | .2057874 | .2085419 | .4883955 | 1.017660 |
| Stddev | .0010340 | .5108    | .0008716 | .0006119 | .0233183 | .0091993 | .002540  |
| %RSD   | .2076963 | .2053074 | .0900255 | .2973199 | 11.18158 | 1.883583 | .2495733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4978869 | 248.7607 | .9673309 | .2050859 | .2330999 | .4938597 | 1.016783 |
| #2 | .4988655 | 249.3342 | .9680466 | .2062108 | .1867015 | .4935523 | 1.020522 |
| #3 | .4967984 | 248.3153 | .9690653 | .2060656 | .2058243 | .4777745 | 1.015675 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047919 | .0151969 | .9543055 | .9681129 | .0264094 | .8797157 | .9822175 |
| Stddev | .0006730 | .0020893 | .0036373 | .0007905 | .0079751 | .0022286 | .0016087 |
| %RSD   | 14.04416 | 13.74838 | .3811479 | .0816510 | 30.19784 | .2533273 | .1637856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052512 | .0156755 | .9547525 | .9680817 | .0237251 | .8810823 | .9838919 |
| #2 | .0051050 | .0170054 | .9576987 | .9673384 | .0353804 | .8809206 | .9806837 |
| #3 | .0040194 | .0129098 | .9504654 | .9689185 | .0201229 | .8771441 | .9820768 |

Sample Name: ICSAB01      Acquired: 6/25/2025 15:51:07      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9663671 | -.007250 | .0997880 |
| Stddev | .0036890 | .003779  | .0004827 |
| %RSD   | .3817373 | 52.12046 | .4837462 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9673652 | -.011203 | .0992583 |
| #2 | .9694544 | -.003675 | .1002032 |
| #3 | .9622818 | -.006871 | .0999024 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4749.022 | 37067.50 | 2189.435 | 3345.329 | 4699.921 |
| Stddev    | 7.557    | 187.91   | 12.986   | 18.387   | 9.488    |
| %RSD      | .1591213 | .5069526 | .5931113 | .5496301 | .2018788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4747.667 | 37018.89 | 2192.984 | 3346.282 | 4704.877 |
| #2 | 4757.164 | 36908.67 | 2175.043 | 3326.485 | 4705.904 |
| #3 | 4742.234 | 37274.95 | 2200.276 | 3363.221 | 4688.981 |

Sample Name: ICSADLX20      Acquired: 6/25/2025 15:55:23      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSA01DLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003646</b> | <b>-.000176</b> | <b>.0030691</b> | <b>-.004147</b> | <b>.0004840</b> | <b>13.20946</b> | <b>-.001323</b> |
| Stddev | .002904         | .000726         | .0004590        | .003915         | .0005866        | .10142          | .000677         |
| %RSD   | 79.64196        | 412.8597        | 14.95603        | 94.40826        | 121.1846        | .7678112        | 51.18042        |
| #1     | -.006029        | .000662         | .0026122        | -.008092        | .0009102        | 13.22458        | -.001821        |
| #2     | -.004498        | -.000609        | .0035302        | -.000263        | .0007269        | 13.10132        | -.000552        |
| #3     | -.000412        | -.000581        | .0030647        | -.004086        | -.000185        | 13.30247        | -.001596        |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001299</b> | <b>-.000065</b> | <b>12.96935</b> | <b>.0019254</b> | <b>.0054997</b> | <b>-.000908</b> | <b>5.522287</b> |
| Stddev | .0001014        | .000023         | .08252          | .0001860        | .0001795        | .000807         | .022131         |
| %RSD   | 78.05389        | 36.25788        | .6362583        | 9.660520        | 3.264460        | 88.85980        | .4007577        |
| #1     | .0002428        | -.000068        | 12.93355        | .0019824        | .0057064        | -.000042        | 5.520958        |
| #2     | .0000463        | -.000086        | 12.91078        | .0020762        | .0054095        | -.001043        | 5.500850        |
| #3     | .0001007        | -.000040        | 13.06373        | .0017175        | .0053831        | -.001638        | 5.545052        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0045396</b> | <b>13.76586</b> | <b>-.000267</b> | <b>-.000304</b> | <b>.0412034</b> | <b>-.000674</b> | <b>-.000239</b> |
| Stddev | .0007756        | .10616          | .000663         | .001368         | .0021077        | .001369         | .000308         |
| %RSD   | 17.08436        | .7711872        | 248.6561        | 449.4986        | 5.115264        | 203.1886        | 128.7600        |
| #1     | .0040238        | 13.76624        | .000440         | .001272         | .0432530        | .000663         | .000114         |
| #2     | .0054315        | 13.65950        | -.000875        | -.001001        | .0413151        | -.002073        | -.000449        |
| #3     | .0041635        | 13.87182        | -.000365        | -.001183        | .0390421        | -.000612        | -.000383        |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0025693</b> | <b>.0010024</b> | <b>-.004280</b> | <b>.0009020</b> | <b>.0022833</b> | <b>.0085685</b> | <b>-.000431</b> |
| Stddev | .0016945        | .0020870        | .001264         | .0002401        | .0034705        | .0011813        | .000992         |
| %RSD   | 65.95302        | 208.2054        | 29.53770        | 26.61821        | 151.9929        | 13.78671        | 230.0937        |
| #1     | .0045195        | .0015034        | -.005237        | .0011440        | .0055055        | .0086591        | -.001564        |
| #2     | .0017313        | .0027933        | -.002847        | .0008982        | -.001391        | .0073445        | -.000014        |
| #3     | .0014570        | -.001290        | -.004757        | .0006639        | .002736         | .0097019        | .000284         |

Sample Name: ICSADLX20      Acquired: 6/25/2025 15:55:23      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSA01DLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003633</b> | <b>-.005784</b> | <b>.0051309</b> |
| Stddev | .001350         | .000963         | .0002508        |
| %RSD   | 37.15560        | 16.64295        | 4.888111        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002075</b> | <b>-.004818</b> | <b>.0050917</b> |
| #2 | <b>-.004377</b> | <b>-.005790</b> | <b>.0049021</b> |
| #3 | <b>-.004448</b> | <b>-.006743</b> | <b>.0053991</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>5130.615</b> | <b>41184.91</b> | <b>2242.311</b> | <b>3635.143</b> | <b>5569.132</b> |
| Stddev    | 8.168           | 34.27           | 14.365          | 7.028           | 5.290           |
| %RSD      | .1591982        | .0832108        | .6406214        | .1933423        | .0949905        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5122.738</b> | <b>41178.05</b> | <b>2236.139</b> | <b>3640.882</b> | <b>5563.523</b> |
| #2 | <b>5130.062</b> | <b>41154.58</b> | <b>2258.730</b> | <b>3627.304</b> | <b>5574.031</b> |
| #3 | <b>5139.046</b> | <b>41222.09</b> | <b>2232.064</b> | <b>3637.243</b> | <b>5569.842</b> |

Sample Name: ICSABDLX20      Acquired: 6/25/2025 15:59:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSAB01DLX20      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001272</b> | <b>.0053282</b> | <b>.0037606</b> | <b>-.002398</b> | <b>.0327764</b> | <b>12.75971</b> | <b>.0236657</b> |
| Stddev | .000451         | .0005694        | .0007280        | .003487         | .0030124        | .05503          | .0011352        |
| %RSD   | 35.46667        | 10.68605        | 19.35888        | 145.4229        | 9.190805        | .4312408        | 4.796638        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001671</b> | <b>.0047069</b> | <b>.0031186</b> | <b>-.003023</b> | <b>.0356127</b> | <b>12.79008</b> | <b>.0247003</b> |
| #2 | <b>-.001362</b> | <b>.0058252</b> | <b>.0045515</b> | <b>.001359</b>  | <b>.0331022</b> | <b>12.79285</b> | <b>.0224514</b> |
| #3 | <b>-.000783</b> | <b>.0054524</b> | <b>.0036116</b> | <b>-.005529</b> | <b>.0296144</b> | <b>12.69619</b> | <b>.0238455</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0272745</b> | <b>.0477884</b> | <b>12.46893</b> | <b>.0293280</b> | <b>.0296130</b> | <b>.0258927</b> | <b>5.282262</b> |
| Stddev | .0001439        | .0000821        | .10616          | .0005942        | .0002934        | .0004679        | .035738         |
| %RSD   | .5274630        | .1716880        | .8513880        | 2.025924        | .9907694        | 1.807183        | .6765637        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0272397</b> | <b>.0477902</b> | <b>12.50016</b> | <b>.0297661</b> | <b>.0292912</b> | <b>.0259202</b> | <b>5.266291</b> |
| #2 | <b>.0274325</b> | <b>.0477054</b> | <b>12.55596</b> | <b>.0286517</b> | <b>.0296821</b> | <b>.0254116</b> | <b>5.323201</b> |
| #3 | <b>.0271511</b> | <b>.0478695</b> | <b>12.35065</b> | <b>.0295662</b> | <b>.0298657</b> | <b>.0263462</b> | <b>5.257295</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0272951</b> | <b>13.15778</b> | <b>.0481112</b> | <b>.0093544</b> | <b>.0527713</b> | <b>.0286250</b> | <b>.0508927</b> |
| Stddev | .0008566        | .10923          | .0004465        | .0010598        | .0031115        | .0063066        | .0006159        |
| %RSD   | 3.138284        | .8301343        | .9280397        | 11.32962        | 5.896211        | 22.03163        | 1.210274        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0268481</b> | <b>13.16978</b> | <b>.0483688</b> | <b>.0101700</b> | <b>.0539839</b> | <b>.0250638</b> | <b>.0501865</b> |
| #2 | <b>.0282828</b> | <b>13.26052</b> | <b>.0483691</b> | <b>.0097367</b> | <b>.0492361</b> | <b>.0249047</b> | <b>.0513187</b> |
| #3 | <b>.0267545</b> | <b>13.04306</b> | <b>.0475956</b> | <b>.0081565</b> | <b>.0550940</b> | <b>.0359067</b> | <b>.0511730</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0051332</b> | <b>.0039120</b> | <b>.0020355</b> | <b>.0060574</b> | <b>-.001270</b> | <b>.0077492</b> | <b>.0042794</b> |
| Stddev | .0001946        | .0017406        | .0016688        | .0002873        | .001621         | .0016269        | .0011852        |
| %RSD   | 3.790169        | 44.49412        | 81.98733        | 4.743426        | 127.6013        | 20.99415        | 27.69449        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0049141</b> | <b>.0047894</b> | <b>.0028372</b> | <b>.0060273</b> | <b>.000535</b>  | <b>.0090702</b> | <b>.0052945</b> |
| #2 | <b>.0051998</b> | <b>.0019073</b> | <b>.0001171</b> | <b>.0063585</b> | <b>-.002599</b> | <b>.0082455</b> | <b>.0029770</b> |
| #3 | <b>.0052857</b> | <b>.0050392</b> | <b>.0031522</b> | <b>.0057862</b> | <b>-.001746</b> | <b>.0059320</b> | <b>.0045667</b> |

Sample Name: ICSABDLX20      Acquired: 6/25/2025 15:59:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: ICSAB01DLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0040230 | -.011815 | .0049469 |
| Stddev | .0014379 | .004845  | .0001268 |
| %RSD   | 35.74309 | 41.00971 | 2.562871 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0053524 | -.016602 | .0049442 |
| #2 | .0042198 | -.006913 | .0048214 |
| #3 | .0024968 | -.011931 | .0050750 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5114.167 | 40789.18 | 2228.613 | 3607.666 | 5549.819 |
| Stddev    | 14.694   | 130.07   | 22.048   | 2.445    | 8.432    |
| %RSD      | .2873216 | .3188800 | .9893277 | .0677687 | .1519391 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5130.835 | 40772.86 | 2232.233 | 3605.033 | 5559.517 |
| #2 | 5108.586 | 40668.04 | 2204.979 | 3608.101 | 5545.728 |
| #3 | 5103.082 | 40926.64 | 2248.627 | 3609.864 | 5544.213 |

Sample Name: CCV01      Acquired: 6/25/2025 16:04:46      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>5.030441</b> | <b>5.071379</b> | <b>5.057282</b> | <b>5.090193</b> | <b>5.106576</b> | <b>10.08175</b> | <b>10.14984</b> |
| Stddev | .015131         | .004535         | .009498         | .018006         | .008790         | .06915          | .06068          |
| %RSD   | .3007857        | .0894198        | .1878175        | .3537432        | .1721377        | .6859084        | .5978387        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.030054 | 5.066372 | 5.047434 | 5.071736 | 5.099105 | 10.07012 | 10.13529 |
| #2 | 5.015508 | 5.072554 | 5.058025 | 5.091129 | 5.104360 | 10.15598 | 10.21648 |
| #3 | 5.045762 | 5.075211 | 5.066388 | 5.107712 | 5.116262 | 10.01915 | 10.09776 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2658781</b> | <b>2.529202</b> | <b>25.52230</b> | <b>1.035315</b> | <b>2.533277</b> | <b>1.312768</b> | <b>5.124582</b> |
| Stddev | .0033585        | .005069         | .13497          | .001974         | .004647         | .015640         | .021470         |
| %RSD   | 1.263163        | .2004159        | .5288505        | .1906710        | .1834550        | 1.191402        | .4189520        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2633806 | 2.524190 | 25.42331 | 1.033211 | 2.528763 | 1.298744 | 5.122620 |
| #2 | .2696962 | 2.529090 | 25.67605 | 1.037126 | 2.533021 | 1.329635 | 5.146966 |
| #3 | .2645576 | 2.534326 | 25.46755 | 1.035610 | 2.538048 | 1.309926 | 5.104162 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.557210</b> | <b>25.39251</b> | <b>2.520577</b> | <b>1.281630</b> | <b>25.59675</b> | <b>2.560200</b> | <b>2.559411</b> |
| Stddev | .012179         | .20842          | .004049         | .001655         | .24822          | .007784         | .005326         |
| %RSD   | .4762756        | .8207938        | .1606465        | .1291337        | .9697144        | .3040380        | .2081032        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.553456 | 25.26863 | 2.518237 | 1.279792 | 25.35727 | 2.558425 | 2.559875 |
| #2 | 2.570825 | 25.63313 | 2.518241 | 1.282096 | 25.85286 | 2.553457 | 2.564490 |
| #3 | 2.547349 | 25.27575 | 2.525253 | 1.283002 | 25.58013 | 2.568718 | 2.553868 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.62855</b> | <b>5.080746</b> | <b>5.206731</b> | <b>5.100459</b> | <b>5.066851</b> | <b>5.188267</b> | <b>5.073118</b> |
| Stddev | .36096          | .005244         | .061021         | .006680         | .021308         | .067511         | .006066         |
| %RSD   | 1.408419        | .1032089        | 1.171970        | .1309741        | .4205320        | 1.301233        | .1195682        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.44427 | 5.075111 | 5.145370 | 5.095624 | 5.042564 | 5.118998 | 5.069321 |
| #2 | 26.04445 | 5.081645 | 5.267407 | 5.097671 | 5.082404 | 5.253872 | 5.069919 |
| #3 | 25.39692 | 5.085483 | 5.207416 | 5.108081 | 5.075586 | 5.191931 | 5.080113 |

Sample Name: CCV01      Acquired: 6/25/2025 16:04:46      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.126793 | 5.043306 | 5.154213 |
| Stddev | .022916  | .024601  | .027398  |
| %RSD   | .4469784 | .4877897 | .5315699 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.119496 | 5.046371 | 5.147497 |
| #2 | 5.152469 | 5.066230 | 5.184345 |
| #3 | 5.108415 | 5.017316 | 5.130797 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4985.144 | 40038.65 | 2210.494 | 3537.537 | 5117.578 |
| Stddev    | 9.729    | 77.25    | 20.149   | 10.767   | 7.819    |
| %RSD      | .1951603 | .1929439 | .9115359 | .3043627 | .1527902 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4974.296 | 39952.05 | 2223.139 | 3531.895 | 5108.689 |
| #2 | 4993.096 | 40063.39 | 2187.258 | 3530.763 | 5123.392 |
| #3 | 4988.039 | 40100.49 | 2221.085 | 3549.952 | 5120.654 |

Sample Name: CCB01      Acquired: 6/25/2025 16:09:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.001617</b> | <b>-.000762</b> | <b>.0016372</b> | <b>.0003534</b> | <b>-.000315</b> | <b>-.016657</b> | <b>-.000755</b> |
| Stddev | .003257         | .000684         | .0010278        | .0028865        | .000861         | .012066         | .000746         |
| %RSD   | 201.3655        | 89.71645        | 62.78004        | 816.7205        | 273.3389        | 72.43849        | 98.71970        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001937  | -.000586 | .0004848 | .0033600 | -.001298 | -.012771 | -.000399 |
| #2 | -.004458 | -.000183 | .0024592 | .0000961 | .000048  | -.030187 | -.001612 |
| #3 | -.002331 | -.001516 | .0019675 | -.002396 | .000305  | -.007012 | -.000254 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001073</b> | <b>.0001535</b> | <b>-.010515</b> | <b>.0004490</b> | <b>.0000978</b> | <b>-.000147</b> | <b>-.012704</b> |
| Stddev | .0000887        | .0000020        | .011751         | .0004558        | .0000920        | .000997         | .003912         |
| %RSD   | 82.62896        | 1.319560        | 111.7593        | 101.5184        | 94.09807        | 677.9736        | 30.79307        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001357 | .0001533 | -.017414 | .0009389 | .0001771 | .000533  | -.016805 |
| #2 | .0000079 | .0001516 | .003054  | .0000374 | .0001194 | .000317  | -.009013 |
| #3 | .0001783 | .0001556 | -.017184 | .0003708 | -.000003 | -.001291 | -.012294 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0011181</b> | <b>.0240848</b> | <b>.0020102</b> | <b>-.000810</b> | <b>.0501540</b> | <b>-.003810</b> | <b>-.001012</b> |
| Stddev | .0007264        | .0187493        | .0003551        | .000138         | .0118791        | .009396         | .000631         |
| %RSD   | 64.96863        | 77.84683        | 17.66426        | 17.00440        | 23.68529        | 246.6248        | 62.37201        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010242 | .0457344 | .0018825 | -.000651 | .0369240 | -.013983 | -.001594 |
| #2 | .0004432 | .0133302 | .0017367 | -.000890 | .0536325 | .004545  | -.000341 |
| #3 | .0018869 | .0131898 | .0024115 | -.000889 | .0599056 | -.001992 | -.001100 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0054205</b> | <b>.0014423</b> | <b>.0094978</b> | <b>.0004718</b> | <b>.0001305</b> | <b>.0053472</b> | <b>-.001283</b> |
| Stddev | .0002587        | .0006907        | .0008402        | .0002071        | .0023523        | .0013181        | .000989         |
| %RSD   | 4.771640        | 47.88938        | 8.846561        | 43.89443        | 1802.603        | 24.64994        | 77.09765        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056925 | .0012821 | .0089828 | .0006834 | -.000470 | .0062609 | -.002381 |
| #2 | .0051776 | .0008458 | .0090433 | .0004625 | .002725  | .0059444 | -.001002 |
| #3 | .0053915 | .0021991 | .0104674 | .0002695 | -.001863 | .0038362 | -.000465 |

Sample Name: CCB01      Acquired: 6/25/2025 16:09:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002164</b> | <b>-.005240</b> | <b>-.000133</b> |
| Stddev | .003387         | .001750         | .000210         |
| %RSD   | 156.5519        | 33.39786        | 157.8167        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001532  | -.005894 | -.000330 |
| #2 | -.005121 | -.003258 | -.000156 |
| #3 | -.002901 | -.006570 | .000088  |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5166.014</b> | <b>41665.14</b> | <b>2223.370</b> | <b>3640.708</b> | <b>5830.405</b> |
| Stddev    | 10.961          | 83.29           | 10.252          | 1.963           | 11.567          |
| %RSD      | .2121735        | .1999042        | .4610898        | .0539123        | .1983882        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5154.541 | 41572.64 | 2222.755 | 3640.130 | 5817.227 |
| #2 | 5176.379 | 41688.60 | 2213.439 | 3642.895 | 5838.879 |
| #3 | 5167.123 | 41734.19 | 2233.915 | 3639.099 | 5835.108 |

Sample Name: Q2385-01      Acquired: 6/25/2025 16:13:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.012402</b> | <b>-.002130</b> | <b>.0064519</b> | <b>-.017254</b> | <b>.0072310</b> | <b>.1273699</b> |
| Stddev | .003812         | .001146         | .0009766        | .002208         | .0005616        | .0275585        |
| %RSD   | 30.73900        | 53.79187        | 15.13646        | 12.79812        | 7.767206        | 21.63655        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.016772</b> | <b>-.001146</b> | <b>.0060563</b> | <b>-.016764</b> | <b>.0070401</b> | <b>.1255304</b> |
| #2 | <b>-.009753</b> | <b>-.001856</b> | <b>.0075643</b> | <b>-.019666</b> | <b>.0078632</b> | <b>.1558020</b> |
| #3 | <b>-.010683</b> | <b>-.003388</b> | <b>.0057352</b> | <b>-.015332</b> | <b>.0067896</b> | <b>.1007772</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1134432</b> | <b>.0000374</b> | <b>.0000837</b> | <b>66.61500</b> | <b>.0002505</b> | <b>.0144956</b> |
| Stddev | .0017151        | .0001421        | .0000160        | .18327          | .0011998        | .0003927        |
| %RSD   | 1.511864        | 380.4938        | 19.11487        | .2751197        | 478.9779        | 2.708864        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1115977</b> | <b>-.000124</b> | <b>.0000658</b> | <b>66.40351</b> | <b>.0015928</b> | <b>.0140500</b> |
| #2 | <b>.1149882</b> | <b>.000091</b>  | <b>.0000887</b> | <b>66.72716</b> | <b>-.000717</b> | <b>.0146461</b> |
| #3 | <b>.1137436</b> | <b>.000145</b>  | <b>.0000966</b> | <b>66.71434</b> | <b>-.000124</b> | <b>.0147908</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0034856</b> | <b>.5719967</b> | <b>.0562107</b> | <b>31.13265</b> | <b>.0020593</b> | <b>-.000468</b> |
| Stddev | .0007405        | .0146687        | .0005589        | .16191          | .0004065        | .001120         |
| %RSD   | 21.24517        | 2.564482        | .9942754        | .5200678        | 19.73743        | 239.1804        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0039447</b> | <b>.5572223</b> | <b>.0568186</b> | <b>31.05766</b> | <b>.0022070</b> | <b>.000295</b>  |
| #2 | <b>.0038807</b> | <b>.5722103</b> | <b>.0560943</b> | <b>31.31846</b> | <b>.0015997</b> | <b>-.001755</b> |
| #3 | <b>.0026313</b> | <b>.5865575</b> | <b>.0557192</b> | <b>31.02182</b> | <b>.0023713</b> | <b>.000055</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>88.34787</b> | <b>-.005440</b> | <b>.0082468</b> | <b>3.627351</b> | <b>.0492713</b> | <b>.2021043</b> |
| Stddev | .72434          | .009917         | .0001762        | .041035         | .0023129        | .0013006        |
| %RSD   | .8198715        | 182.3077        | 2.136416        | 1.131257        | 4.694259        | .6435067        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>88.07638</b> | <b>.005658</b>  | <b>.0080756</b> | <b>3.617543</b> | <b>.0466711</b> | <b>.2013968</b> |
| #2 | <b>89.16873</b> | <b>-.013435</b> | <b>.0082372</b> | <b>3.672400</b> | <b>.0510993</b> | <b>.2036053</b> |
| #3 | <b>87.79849</b> | <b>-.008542</b> | <b>.0084276</b> | <b>3.592109</b> | <b>.0500436</b> | <b>.2013109</b> |

Sample Name: Q2385-01      Acquired: 6/25/2025 16:13:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0031976 | 11.31801 | F 16.83059 | .0021954 | .0014218 | -.017888 |
| Stddev | .0001413 | .01340   | .20072     | .0005926 | .0008966 | .008590  |
| %RSD   | 4.418464 | .1183720 | 1.192575   | 26.99269 | 63.06492 | 48.02229 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031967 | 11.32482 | 16.76341 | .0016970 | .0012466 | -.014269 |
| #2 | .0030568 | 11.32663 | 17.05628 | .0020386 | .0023930 | -.027696 |
| #3 | .0033393 | 11.30257 | 16.67208 | .0028506 | .0006256 | -.011700 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2009733 |
| Stddev | .0007775 |
| %RSD   | .3868560 |

|    |          |
|----|----------|
| #1 | .2002317 |
| #2 | .2017823 |
| #3 | .2009059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5076.489 | 40374.01 | 2243.200 | 3557.046 | 5353.901 |
| Stddev    | 9.057    | 168.45   | 15.918   | 25.662   | 12.493   |
| %RSD      | .1784030 | .4172336 | .7096269 | .7214441 | .2333526 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5082.917 | 40358.72 | 2253.675 | 3548.350 | 5360.968 |
| #2 | 5066.132 | 40549.59 | 2224.882 | 3585.926 | 5339.476 |
| #3 | 5080.420 | 40213.72 | 2251.042 | 3536.862 | 5361.259 |

Sample Name: Q2385-01DUP      Acquired: 6/25/2025 16:17:59      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.012574</b> | <b>-.002939</b> | <b>.0067294</b> | <b>-.019223</b> | <b>.0068620</b> | <b>.1257128</b> |
| Stddev | .002231         | .002090         | .0009926        | .002380         | .0010490        | .0050603        |
| %RSD   | 17.74550        | 71.08595        | 14.75035        | 12.38339        | 15.28751        | 4.025295        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.012832</b> | <b>-.000568</b> | <b>.0071850</b> | <b>-.017181</b> | <b>.0079717</b> | <b>.1215312</b> |
| #2 | <b>-.014665</b> | <b>-.003740</b> | <b>.0055908</b> | <b>-.021837</b> | <b>.0058865</b> | <b>.1242692</b> |
| #3 | <b>-.010225</b> | <b>-.004510</b> | <b>.0074124</b> | <b>-.018650</b> | <b>.0067279</b> | <b>.1313381</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1145771</b> | <b>.0000012</b> | <b>-.000011</b> | <b>67.13114</b> | <b>.0005663</b> | <b>.0143172</b> |
| Stddev | .0009142        | .0001199        | .000050         | .24359          | .0005051        | .0002832        |
| %RSD   | .7978694        | 10012.81        | 442.2793        | .3628560        | 89.19179        | 1.978155        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1135415</b> | <b>.0000272</b> | <b>-.000028</b> | <b>67.36141</b> | <b>.0011403</b> | <b>.0141016</b> |
| #2 | <b>.1149178</b> | <b>-.000130</b> | <b>.000045</b>  | <b>67.15590</b> | <b>.0003681</b> | <b>.0146380</b> |
| #3 | <b>.1152720</b> | <b>.000106</b>  | <b>-.000050</b> | <b>66.87612</b> | <b>.0001903</b> | <b>.0142121</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0032992</b> | <b>.5789514</b> | <b>.0581686</b> | <b>31.08991</b> | <b>.0015914</b> | <b>.0006438</b> |
| Stddev | .0003053        | .0091180        | .0009365        | .06017          | .0004427        | .0013304        |
| %RSD   | 9.252203        | 1.574918        | 1.609928        | .1935507        | 27.81484        | 206.6617        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0031597</b> | <b>.5748621</b> | <b>.0571105</b> | <b>31.13773</b> | <b>.0020910</b> | <b>-.000424</b> |
| #2 | <b>.0036493</b> | <b>.5893982</b> | <b>.0585046</b> | <b>31.02235</b> | <b>.0014351</b> | <b>.002134</b>  |
| #3 | <b>.0030887</b> | <b>.5725940</b> | <b>.0588907</b> | <b>31.10966</b> | <b>.0012481</b> | <b>.000221</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>89.14310</b> | <b>-.004647</b> | <b>.0085853</b> | <b>3.664693</b> | <b>.0509921</b> | <b>.2027621</b> |
| Stddev | .37525          | .002133         | .0003673        | .009615         | .0009368        | .0026024        |
| %RSD   | .4209547        | 45.91171        | 4.277638        | .2623605        | 1.837166        | 1.283490        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>88.78759</b> | <b>-.007018</b> | <b>.0087220</b> | <b>3.654349</b> | <b>.0502178</b> | <b>.2011514</b> |
| #2 | <b>89.53538</b> | <b>-.004038</b> | <b>.0081693</b> | <b>3.673357</b> | <b>.0520334</b> | <b>.2013704</b> |
| #3 | <b>89.10634</b> | <b>-.002884</b> | <b>.0088646</b> | <b>3.666372</b> | <b>.0507251</b> | <b>.2057644</b> |

Sample Name: Q2385-01DUP      Acquired: 6/25/2025 16:17:59      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0029290 | 11.30681 | F 16.93654 | .0025942 | .0021923 | -.022557 |
| Stddev | .0002177 | .01182   | .02164     | .0006593 | .0027383 | .001918  |
| %RSD   | 7.430796 | .1045249 | .1277501   | 25.41333 | 124.9042 | 8.501300 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0030889 | 11.30074 | 16.91312 | .0021909 | .0050232 | -.024148 |
| #2 | .0026811 | 11.29927 | 16.94072 | .0033551 | -.000443 | -.020428 |
| #3 | .0030169 | 11.32043 | 16.95578 | .0022368 | .001997  | -.023095 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2012725 |
| Stddev | .0005861 |
| %RSD   | .2912061 |

|    |          |
|----|----------|
| #1 | .2011407 |
| #2 | .2007636 |
| #3 | .2019134 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5076.211 | 40457.37 | 2230.106 | 3568.751 | 5354.779 |
| Stddev    | 14.119   | 201.45   | 10.573   | 17.878   | 10.753   |
| %RSD      | .2781365 | .4979312 | .4741084 | .5009551 | .2008162 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5084.048 | 40577.70 | 2238.733 | 3578.117 | 5362.122 |
| #2 | 5084.673 | 40224.80 | 2218.311 | 3548.136 | 5359.779 |
| #3 | 5059.912 | 40569.61 | 2233.275 | 3580.001 | 5342.436 |

Sample Name: Q2385-01LX5      Acquired: 6/25/2025 16:22:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.008466</b> | <b>-.000905</b> | <b>.0028645</b> | <b>-.007919</b> | <b>.0018033</b> | <b>.0024993</b> | <b>.0217265</b> |
| Stddev | .003689         | .001371         | .0005300        | .002605         | .0009460        | .0395474        | .0012353        |
| %RSD   | 43.57252        | 151.3887        | 18.50185        | 32.89116        | 52.45767        | 1582.337        | 5.685469        |
| #1     | <b>-.012720</b> | <b>.000379</b>  | <b>.0023272</b> | <b>-.006522</b> | <b>.0019224</b> | <b>.0479240</b> | <b>.0227670</b> |
| #2     | <b>-.006522</b> | <b>-.000747</b> | <b>.0033868</b> | <b>-.010924</b> | <b>.0026842</b> | <b>-.016158</b> | <b>.0203613</b> |
| #3     | <b>-.006156</b> | <b>-.002348</b> | <b>.0028794</b> | <b>-.006310</b> | <b>.0008035</b> | <b>-.024268</b> | <b>.0220511</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000010</b> | <b>.0000351</b> | <b>13.62326</b> | <b>-.000268</b> | <b>.0055072</b> | <b>-.000055</b> | <b>.1167401</b> |
| Stddev | .000085         | .0000163        | .04822          | .001005         | .0003248        | .000858         | .0075938        |
| %RSD   | 843.9612        | 46.42359        | .3539292        | 374.6656        | 5.897862        | 1570.539        | 6.504878        |
| #1     | <b>-.000091</b> | <b>.0000281</b> | <b>13.57522</b> | <b>.000872</b>  | <b>.0057686</b> | <b>-.000989</b> | <b>.1249594</b> |
| #2     | <b>.000078</b>  | <b>.0000235</b> | <b>13.62289</b> | <b>-.000654</b> | <b>.0051436</b> | <b>.000698</b>  | <b>.1099850</b> |
| #3     | <b>-.000017</b> | <b>.0000537</b> | <b>13.67165</b> | <b>-.001023</b> | <b>.0056095</b> | <b>.000128</b>  | <b>.1152758</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0144257</b> | <b>6.497063</b> | <b>.0002080</b> | <b>-.000054</b> | <b>17.95776</b> | <b>-.001402</b> | <b>.0006749</b> |
| Stddev | .0006846        | .041312         | .0003921        | .000119         | .20577          | .002788         | .0006677        |
| %RSD   | 4.746036        | .6358618        | 188.5586        | 218.7098        | 1.145883        | 198.8337        | 98.92762        |
| #1     | <b>.0149073</b> | <b>6.488234</b> | <b>.0003977</b> | <b>.000074</b>  | <b>17.72915</b> | <b>-.004621</b> | <b>-.000075</b> |
| #2     | <b>.0147278</b> | <b>6.460879</b> | <b>-.000243</b> | <b>-.000161</b> | <b>18.01596</b> | <b>.000132</b>  | <b>.001205</b>  |
| #3     | <b>.0136419</b> | <b>6.542077</b> | <b>.000469</b>  | <b>-.000075</b> | <b>18.12816</b> | <b>.000282</b>  | <b>.000895</b>  |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6094256</b> | <b>.0114553</b> | <b>.0402510</b> | <b>.0004740</b> | <b>2.225812</b> | <b>3.570971</b> | <b>-.000238</b> |
| Stddev | .0082410        | .0016523        | .0006023        | .0006123        | .006132         | .056091         | .000457         |
| %RSD   | 1.352262        | 14.42441        | 1.496307        | 129.1697        | .2754829        | 1.570759        | 192.0248        |
| #1     | <b>.6007735</b> | <b>.0105467</b> | <b>.0398150</b> | <b>.0001090</b> | <b>2.232581</b> | <b>3.508956</b> | <b>-.000125</b> |
| #2     | <b>.6103209</b> | <b>.0104566</b> | <b>.0399997</b> | <b>.0011809</b> | <b>2.224224</b> | <b>3.585799</b> | <b>.000152</b>  |
| #3     | <b>.6171825</b> | <b>.0133625</b> | <b>.0409382</b> | <b>.0001321</b> | <b>2.220630</b> | <b>3.618159</b> | <b>-.000742</b> |

Sample Name: Q2385-01LX5      Acquired: 6/25/2025 16:22:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000028</b> | <b>.0064703</b> | <b>.0409235</b> |
| Stddev | .001501         | .0079083        | .0001924        |
| %RSD   | 5375.147        | 122.2246        | .4702353        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001296  | .0101567 | .0409108 |
| #2 | -.001659 | .0118625 | .0407378 |
| #3 | .000279  | -.002608 | .0411220 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5135.769</b> | <b>41378.01</b> | <b>2245.808</b> | <b>3636.655</b> | <b>5600.889</b> |
| Stddev    | 13.135          | 189.55          | 30.622          | 15.881          | 10.814          |
| %RSD      | .2557554        | .4580994        | 1.363505        | .4367047        | .1930833        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5150.933 | 41254.67 | 2280.579 | 3635.487 | 5613.225 |
| #2 | 5128.466 | 41283.09 | 2233.985 | 3621.390 | 5596.405 |
| #3 | 5127.910 | 41596.27 | 2222.861 | 3653.089 | 5593.039 |

Sample Name: Q2385-01MS      Acquired: 6/25/2025 16:26:48      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7809564</b> | <b>1.942972</b> | <b>.9778740</b> | <b>1.964197</b> | <b>.8412036</b> | <b>2.220440</b> |
| Stddev | .0029578        | .003757         | .0037469        | .007540         | .0008535        | .013825         |
| %RSD   | .3787444        | .1933531        | .3831679        | .3838577        | .1014617        | .6226239        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7814734 | 1.939433 | .9761104 | 1.955606 | .8405453 | 2.204879 |
| #2 | .7777742 | 1.942570 | .9821773 | 1.967268 | .8408975 | 2.225135 |
| #3 | .7836217 | 1.946914 | .9753343 | 1.969716 | .8421679 | 2.231305 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3219921</b> | <b>.2168928</b> | <b>.1996072</b> | <b>68.22863</b> | <b>.4234959</b> | <b>.2156779</b> |
| Stddev | .0011602        | .0012856        | .0003253        | .16381          | .0002970        | .0001779        |
| %RSD   | .3603171        | .5927362        | .1629725        | .2400860        | .0701277        | .0825054        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3228310 | .2155298 | .1996919 | 68.40251 | .4237886 | .2157766 |
| #2 | .3224772 | .2170648 | .1998817 | 68.20616 | .4235042 | .2157847 |
| #3 | .3206681 | .2180837 | .1992479 | 68.07721 | .4231948 | .2154725 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3233552</b> | <b>3.823979</b> | <b>.2665717</b> | <b>33.50666</b> | <b>.5004038</b> | <b>.0691506</b> |
| Stddev | .0023742        | .027800         | .0031952        | .12855          | .0006448        | .0011033        |
| %RSD   | .7342523        | .7269891        | 1.198616        | .3836681        | .1288517        | 1.595547        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3215170 | 3.854077 | .2640906 | 33.65239 | .5001510 | .0682458 |
| #2 | .3225129 | 3.818597 | .2654474 | 33.45824 | .5011367 | .0688263 |
| #3 | .3260358 | 3.799264 | .2701771 | 33.40934 | .4999238 | .0703797 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>91.54572</b> | <b>.3175488</b> | <b>.2181821</b> | <b>15.03651</b> | <b>6.103326</b> | <b>.4960473</b> |
| Stddev | .42229          | .0101835        | .0004902        | .09335          | .006313         | .0031571        |
| %RSD   | .4612851        | 3.206897        | .2246891        | .6208118        | .1034425        | .6364554        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 91.11988 | .3262795 | .2176600 | 15.12282 | 6.110601 | .4946227 |
| #2 | 91.55293 | .3063619 | .2182535 | 14.93744 | 6.099287 | .4996657 |
| #3 | 91.96436 | .3200051 | .2186326 | 15.04928 | 6.100089 | .4938535 |

Sample Name: Q2385-01MS      Acquired: 6/25/2025 16:26:48      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .4317713 | 11.40075 | F 17.86115 | .7278788 | .2115428 | .1797533 |
| Stddev | .0012217 | .00934   | .08674     | .0016620 | .0017476 | .0106941 |
| %RSD   | .2829477 | .0818936 | .4856363   | .2283365 | .8261380 | 5.949298 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4304109 | 11.40146 | 17.77263 | .7274860 | .2114862 | .1758970 |
| #2 | .4321281 | 11.39107 | 17.86483 | .7264484 | .2133180 | .1918407 |
| #3 | .4327748 | 11.40971 | 17.94599 | .7297020 | .2098241 | .1715222 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4093833 |
| Stddev | .0010503 |
| %RSD   | .2565588 |

|    |          |
|----|----------|
| #1 | .4105720 |
| #2 | .4089975 |
| #3 | .4085806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5054.236 | 40584.26 | 2244.619 | 3581.833 | 5308.551 |
| Stddev    | 1.428    | 126.49   | 5.863    | 14.028   | 5.615    |
| %RSD      | .0282538 | .3116774 | .2611857 | .3916410 | .1057634 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5054.614 | 40478.83 | 2242.802 | 3567.030 | 5303.220 |
| #2 | 5055.436 | 40724.52 | 2251.175 | 3594.929 | 5308.023 |
| #3 | 5052.657 | 40549.44 | 2239.880 | 3583.539 | 5314.411 |

Sample Name: Q2385-01MSD      Acquired: 6/25/2025 16:31:07      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7650604 | 1.904243 | .9559188 | 1.919236 | .8257474 | 2.110504 |
| Stddev | .0026584 | .003287  | .0026976 | .006409  | .0012546 | .052217  |
| %RSD   | .3474744 | .1726122 | .2821980 | .3339595 | .1519368 | 2.474133 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7677116 | 1.903659 | .9530570 | 1.915326 | .8271957 | 2.059393 |
| #2 | .7650747 | 1.901288 | .9562844 | 1.926633 | .8250553 | 2.108359 |
| #3 | .7623949 | 1.907783 | .9584149 | 1.915749 | .8249914 | 2.163760 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3164699 | .2138956 | .1951583 | 67.75341 | .4176798 | .2112540 |
| Stddev | .0012407 | .0007478 | .0004116 | .24506   | .0008260 | .0002113 |
| %RSD   | .3920523 | .3495998 | .2108932 | .3616900 | .1977622 | .1000164 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3152886 | .2147147 | .1948579 | 67.60570 | .4185996 | .2114918 |
| #2 | .3177626 | .2137228 | .1949896 | 68.03628 | .4174386 | .2111828 |
| #3 | .3163585 | .2132494 | .1956274 | 67.61825 | .4170013 | .2110876 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3183688 | 3.752612 | .2618703 | 33.09403 | .4884085 | .0594941 |
| Stddev | .0012182 | .013825  | .0002905 | .15975   | .0007996 | .0015496 |
| %RSD   | .3826245 | .3684227 | .1109157 | .4827102 | .1637066 | 2.604551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3195512 | 3.739750 | .2616247 | 32.99755 | .4881877 | .0597755 |
| #2 | .3184374 | 3.767233 | .2617952 | 33.27842 | .4892952 | .0578231 |
| #3 | .3171178 | 3.750852 | .2621909 | 33.00611 | .4877425 | .0608837 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 90.89277 | .3157070 | .2158654 | 14.81470 | 5.958785 | .4895114 |
| Stddev | .41591   | .0076359 | .0002122 | .06621   | .002466  | .0030070 |
| %RSD   | .4575781 | 2.418669 | .0983198 | .4468979 | .0413868 | .6142942 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 91.35512 | .3182423 | .2157690 | 14.87837 | 5.956295 | .4884216 |
| #2 | 90.77408 | .3071260 | .2161087 | 14.81951 | 5.958835 | .4929114 |
| #3 | 90.54912 | .3217529 | .2157184 | 14.74622 | 5.961226 | .4872012 |

Sample Name: Q2385-01MSD      Acquired: 6/25/2025 16:31:07      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516            | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>.4228384</b> | <b>11.28402</b> | <b>F 17.80183</b> | <b>.7146904</b> | <b>.2097918</b> | <b>.1846290</b> |
| Stddev | .0006337        | .00991          | .08405            | .0016349        | .0025533        | .0028855        |
| %RSD   | .1498627        | .0878480        | .4721480          | .2287575        | 1.217085        | 1.562873        |
| #1     | .4232748        | 11.27280        | 17.88907          | .7151292        | .2079772        | .1842137        |
| #2     | .4221116        | 11.28771        | 17.79505          | .7160611        | .2086866        | .1876997        |
| #3     | .4231288        | 11.29157        | 17.72138          | .7128809        | .2127115        | .1819736        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.4010432</b> |
| Stddev | .0008276        |
| %RSD   | .2063635        |
| #1     | .4004574        |
| #2     | .4019900        |
| #3     | .4006822        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5047.760</b> | <b>40394.15</b> | <b>2229.483</b> | <b>3558.935</b> | <b>5305.216</b> |
| Stddev    | 4.787           | 28.86           | 6.007           | 8.145           | 2.809           |
| %RSD      | .0948370        | .0714344        | .2694453        | .2288486        | .0529563        |
| #1        | 5048.079        | 40423.80        | 2226.026        | 3566.295        | 5304.923        |
| #2        | 5042.821        | 40366.16        | 2226.004        | 3550.184        | 5302.565        |
| #3        | 5052.379        | 40392.49        | 2236.420        | 3560.325        | 5308.161        |

Sample Name: Q2385-01A      Acquired: 6/25/2025 16:35:25      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7317133</b> | <b>1.825317</b> | <b>.9175749</b> | <b>1.838502</b> | <b>.7804699</b> | <b>2.096798</b> |
| Stddev | .0011847        | .007800         | .0054751        | .002794         | .0037347        | .031736         |
| %RSD   | .1619138        | .4273433        | .5966940        | .1519624        | .4785249        | 1.513533        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7305247 | 1.834321 | .9227133 | 1.835573 | .7797825 | 2.129103 |
| #2 | .7328941 | 1.821003 | .9181955 | 1.838794 | .7845006 | 2.065664 |
| #3 | .7317210 | 1.820626 | .9118160 | 1.841138 | .7771266 | 2.095628 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3060266</b> | <b>.2054933</b> | <b>.1874438</b> | <b>67.02124</b> | <b>.3998625</b> | <b>.2026313</b> |
| Stddev | .0017183        | .0019317        | .0002400        | .21137          | .0012181        | .0006630        |
| %RSD   | .5614743        | .9400045        | .1280298        | .3153760        | .3046357        | .3271746        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3045692 | .2053232 | .1876919 | 67.20214 | .4004216 | .2025697 |
| #2 | .3055894 | .2075043 | .1874268 | 66.78890 | .4007007 | .2033229 |
| #3 | .3079212 | .2036523 | .1872128 | 67.07269 | .3984652 | .2020013 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3064003</b> | <b>3.621357</b> | <b>.2542426</b> | <b>32.72955</b> | <b>.4696944</b> | <b>.0676088</b> |
| Stddev | .0038643        | .018928         | .0019641        | .08235          | .0012880        | .0007489        |
| %RSD   | 1.261193        | .5226774        | .7725132        | .2516108        | .2742196        | 1.107670        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3076351 | 3.641655 | .2523489 | 32.79588 | .4706983 | .0680392 |
| #2 | .3094963 | 3.604190 | .2541088 | 32.63738 | .4701428 | .0680432 |
| #3 | .3020695 | 3.618227 | .2562701 | 32.75540 | .4682422 | .0667441 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>89.91237</b> | <b>.2900058</b> | <b>.2086275</b> | <b>14.33721</b> | <b>5.723878</b> | <b>.4767401</b> |
| Stddev | .56149          | .0025798        | .0006733        | .11000          | .008655         | .0059569        |
| %RSD   | .6244904        | .8895866        | .3227271        | .7672141        | .1512094        | 1.249499        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 89.98924 | .2919985 | .2083666 | 14.40219 | 5.733778 | .4761086 |
| #2 | 90.43147 | .2870917 | .2093922 | 14.39923 | 5.720111 | .4829876 |
| #3 | 89.31641 | .2909270 | .2081236 | 14.21021 | 5.717745 | .4711242 |

Sample Name: Q2385-01A      Acquired: 6/25/2025 16:35:25      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .3978076 | 11.19486 | F 17.64734 | .6719896 | .1984615 | .1726757 |
| Stddev | .0007577 | .02424   | .16673     | .0029044 | .0023188 | .0035345 |
| %RSD   | .1904554 | .2165525 | .9447848   | .4322162 | 1.168389 | 2.046920 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3978995 | 11.22245 | 17.64804 | .6738511 | .1958893 | .1767154 |
| #2 | .3985150 | 11.18514 | 17.81371 | .6734748 | .1991037 | .1701526 |
| #3 | .3970082 | 11.17698 | 17.48026 | .6686429 | .2003916 | .1711590 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3929592 |
| Stddev | .0008279 |
| %RSD   | .2106799 |

|    |          |
|----|----------|
| #1 | .3938062 |
| #2 | .3921518 |
| #3 | .3929198 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5049.990 | 40511.58 | 2226.175 | 3564.152 | 5311.171 |
| Stddev    | 20.074   | 91.69    | 9.647    | 8.687    | 17.006   |
| %RSD      | .3975037 | .2263392 | .4333435 | .2437440 | .3201988 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5051.711 | 40468.60 | 2225.155 | 3562.927 | 5307.712 |
| #2 | 5029.110 | 40616.87 | 2217.078 | 3573.387 | 5296.161 |
| #3 | 5069.147 | 40449.27 | 2236.291 | 3556.142 | 5329.641 |

Sample Name: Q2354-05DLX5      Acquired: 6/25/2025 16:39:45      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.006775</b> | <b>-.001149</b> | <b>1.416373</b> | <b>-.005456</b> | <b>.0082684</b> | <b>.4862359</b> | <b>.0426054</b> |
| Stddev | .002943         | .001206         | .003461         | .004066         | .0017711        | .0177119        | .0008750        |
| %RSD   | 43.43519        | 104.9223        | .2443771        | 74.52601        | 21.41978        | 3.642659        | 2.053629        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007522</b> | <b>-.001813</b> | <b>1.416928</b> | <b>-.008918</b> | <b>.0079404</b> | <b>.4754325</b> | <b>.0415951</b> |
| #2 | <b>-.003531</b> | <b>.000243</b>  | <b>1.412667</b> | <b>-.000978</b> | <b>.0101805</b> | <b>.5066767</b> | <b>.0431089</b> |
| #3 | <b>-.009273</b> | <b>-.001878</b> | <b>1.419523</b> | <b>-.006472</b> | <b>.0066842</b> | <b>.4765984</b> | <b>.0431123</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000512</b> | <b>.0029548</b> | <b>19.97838</b> | <b>.0020063</b> | <b>.0098972</b> | <b>.1099224</b> | <b>3.753138</b> |
| Stddev | .0001177        | .0001012        | .09940          | .0004536        | .0001319        | .0008397        | .024082         |
| %RSD   | 229.8800        | 3.426695        | .4975565        | 22.60643        | 1.332973        | .7639358        | .6416491        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001872</b> | <b>.0028841</b> | <b>20.05890</b> | <b>.0019828</b> | <b>.0100082</b> | <b>.1107136</b> | <b>3.727041</b> |
| #2 | <b>-.000017</b> | <b>.0029095</b> | <b>20.00896</b> | <b>.0024712</b> | <b>.0099320</b> | <b>.1100123</b> | <b>3.757869</b> |
| #3 | <b>-.000017</b> | <b>.0030708</b> | <b>19.86727</b> | <b>.0015650</b> | <b>.0097513</b> | <b>.1090414</b> | <b>3.774502</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3573921</b> | <b>1.676051</b> | <b>.0073876</b> | <b>.0000229</b> | <b>23.22983</b> | <b>-.001506</b> | <b>.6726661</b> |
| Stddev | .0015472        | .093299         | .0003104        | .0003126        | .20502          | .006621         | .0053543        |
| %RSD   | .4329243        | 5.566607        | 4.201555        | 1368.083        | .8825914        | 439.6850        | .7959842        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3591163</b> | <b>1.655614</b> | <b>.0077448</b> | <b>-.000294</b> | <b>23.30390</b> | <b>.003256</b>  | <b>.6685056</b> |
| #2 | <b>.3561247</b> | <b>1.777874</b> | <b>.0072343</b> | <b>.000332</b>  | <b>23.38753</b> | <b>.001293</b>  | <b>.6707857</b> |
| #3 | <b>.3569352</b> | <b>1.594664</b> | <b>.0071836</b> | <b>.000030</b>  | <b>22.99806</b> | <b>-.009067</b> | <b>.6787069</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>115.1181</b> | <b>.2351611</b> | <b>.0074351</b> | <b>.0033090</b> | <b>2.465014</b> | <b>2.967350</b> | <b>.0020266</b> |
| Stddev | .7541           | .0009686        | .0003884        | .0001552        | .003229         | .033808         | .0006287        |
| %RSD   | .6550546        | .4118707        | 5.223499        | 4.691294        | .1310109        | 1.139343        | 31.02084        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>115.5254</b> | <b>.2356994</b> | <b>.0071004</b> | <b>.0034876</b> | <b>2.468627</b> | <b>2.972340</b> | <b>.0023887</b> |
| #2 | <b>115.5809</b> | <b>.2340430</b> | <b>.0078609</b> | <b>.0032332</b> | <b>2.464005</b> | <b>2.998386</b> | <b>.0023906</b> |
| #3 | <b>114.2479</b> | <b>.2357410</b> | <b>.0073440</b> | <b>.0032063</b> | <b>2.462409</b> | <b>2.931324</b> | <b>.0013007</b> |

Sample Name: Q2354-05DLX5      Acquired: 6/25/2025 16:39:45      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0211445 | .0279533 | .0846697 |
| Stddev | .0019269 | .0033190 | .0005351 |
| %RSD   | 9.113157 | 11.87351 | .6320247 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0220207 | .0305638 | .0849094 |
| #2 | .0224777 | .0242180 | .0850431 |
| #3 | .0189352 | .0290781 | .0840566 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5101.733 | 40543.52 | 2263.922 | 3595.235 | 5305.263 |
| Stddev    | 6.959    | 329.86   | 16.659   | 36.026   | 10.281   |
| %RSD      | .1363983 | .8135922 | .7358322 | 1.002052 | .1937863 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5103.830 | 40730.64 | 2256.600 | 3616.203 | 5296.000 |
| #2 | 5093.967 | 40737.27 | 2252.179 | 3615.866 | 5303.464 |
| #3 | 5107.403 | 40162.65 | 2282.988 | 3553.636 | 5316.324 |

Sample Name: Q2355-02      Acquired: 6/25/2025 16:44:17      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.003659</b> | <b>-.002733</b> | <b>.0059349</b> | <b>-.000419</b> | <b>.0004528</b> | <b>-.005626</b> | <b>.1353602</b> |
| Stddev | .001475         | .001996         | .0020833        | .000108         | .0025856        | .029483         | .0015493        |
| %RSD   | 40.30538        | 73.01088        | 35.10244        | 25.85804        | 571.0073        | 524.0150        | 1.144572        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005235</b> | <b>-.001822</b> | <b>.0066751</b> | <b>-.000500</b> | <b>.0007831</b> | <b>.017718</b>  | <b>.1336178</b> |
| #2 | <b>-.002312</b> | <b>-.001356</b> | <b>.0075471</b> | <b>-.000296</b> | <b>-.002282</b> | <b>.004161</b>  | <b>.1365827</b> |
| #3 | <b>-.003430</b> | <b>-.005022</b> | <b>.0035826</b> | <b>-.000461</b> | <b>.002857</b>  | <b>-.038758</b> | <b>.1358800</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000143</b> | <b>.0000543</b> | <b>.7050401</b> | <b>-.000526</b> | <b>.0006398</b> | <b>.0023451</b> | <b>-.003964</b> |
| Stddev | .000075         | .0000302        | .0165865        | .001104         | .0003262        | .0001636        | .014135         |
| %RSD   | 52.13697        | 55.62911        | 2.352557        | 209.9823        | 50.98103        | 6.975613        | 356.5885        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000075</b> | <b>.0000194</b> | <b>.7111840</b> | <b>-.000025</b> | <b>.0002648</b> | <b>.0022942</b> | <b>.001768</b>  |
| #2 | <b>-.000132</b> | <b>.0000727</b> | <b>.6862583</b> | <b>-.001792</b> | <b>.0007973</b> | <b>.0025280</b> | <b>.006404</b>  |
| #3 | <b>-.000223</b> | <b>.0000708</b> | <b>.7176781</b> | <b>.000239</b>  | <b>.0008574</b> | <b>.0022129</b> | <b>-.020064</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0044508</b> | <b>.1308654</b> | <b>.0013936</b> | <b>-.000775</b> | <b>302.5004</b> | <b>-.006388</b> | <b>.1600217</b> |
| Stddev | .0007228        | .0037536        | .0002170        | .001026         | 1.6393          | .003761         | .0005984        |
| %RSD   | 16.24045        | 2.868270        | 15.56833        | 132.4082        | .5419059        | 58.87328        | .3739448        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0052498</b> | <b>.1294194</b> | <b>.0012187</b> | <b>-.001959</b> | <b>304.2063</b> | <b>-.004995</b> | <b>.1606865</b> |
| #2 | <b>.0042602</b> | <b>.1351269</b> | <b>.0013257</b> | <b>-.000172</b> | <b>300.9371</b> | <b>-.010646</b> | <b>.1595262</b> |
| #3 | <b>.0038423</b> | <b>.1280499</b> | <b>.0016364</b> | <b>-.000192</b> | <b>302.3577</b> | <b>-.003522</b> | <b>.1598525</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2308946</b> | <b>.0164419</b> | <b>.0400515</b> | <b>.0003079</b> | <b>.3157042</b> | <b>.0397480</b> | <b>.0010784</b> |
| Stddev | .0021108        | .0007476        | .0005079        | .0004602        | .0017693        | .0010117        | .0003627        |
| %RSD   | .9141967        | 4.546726        | 1.268218        | 149.4787        | .5604298        | 2.545185        | 33.63709        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2305700</b> | <b>.0168560</b> | <b>.0394699</b> | <b>-.000203</b> | <b>.3138797</b> | <b>.0387961</b> | <b>.0006830</b> |
| #2 | <b>.2289650</b> | <b>.0168909</b> | <b>.0404075</b> | <b>.000437</b>  | <b>.3158204</b> | <b>.0408103</b> | <b>.0013957</b> |
| #3 | <b>.2331490</b> | <b>.0155789</b> | <b>.0402773</b> | <b>.000690</b>  | <b>.3174126</b> | <b>.0396377</b> | <b>.0011564</b> |

Sample Name: Q2355-02      Acquired: 6/25/2025 16:44:17      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001963</b> | <b>-.022161</b> | <b>.0029076</b> |
| Stddev | .002700         | .011116         | .0000956        |
| %RSD   | 137.5324        | 50.15951        | 3.288387        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000686</b> | <b>-.032807</b> | <b>.0029882</b> |
| #2 | <b>-.000138</b> | <b>-.023047</b> | <b>.0028020</b> |
| #3 | <b>-.005064</b> | <b>-.010629</b> | <b>.0029326</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>5043.656</b> | <b>39825.15</b> | <b>2267.625</b> | <b>3561.737</b> | <b>5191.229</b> |
| Stddev    | 5.269           | 181.03          | 8.900           | 21.441          | 6.993           |
| %RSD      | .1044677        | .4545745        | .3925024        | .6019721        | .1347038        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5048.273</b> | <b>39661.20</b> | <b>2263.215</b> | <b>3551.891</b> | <b>5191.343</b> |
| #2 | <b>5037.916</b> | <b>39794.82</b> | <b>2277.870</b> | <b>3546.988</b> | <b>5184.180</b> |
| #3 | <b>5044.778</b> | <b>40019.43</b> | <b>2261.791</b> | <b>3586.333</b> | <b>5198.164</b> |

Sample Name: Q2362-04      Acquired: 6/25/2025 16:48:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.005252</b> | <b>.0013409</b> | <b>.0018136</b> | <b>-.000299</b> | <b>-.000902</b> | <b>.1348629</b> | <b>.4255724</b> |
| Stddev | .000932         | .0021425        | .0011955        | .002555         | .001714         | .0208933        | .0018065        |
| %RSD   | 17.74661        | 159.7825        | 65.91925        | 853.9014        | 189.9558        | 15.49228        | .4244945        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004457 | -.000028 | .0017584 | .002388  | -.001765 | .1469711 | .4235433 |
| #2 | -.006278 | .000241  | .0030357 | -.002698 | .001071  | .1107374 | .4261676 |
| #3 | -.005023 | .003810  | .0006466 | -.000588 | -.002013 | .1468801 | .4270062 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001420</b> | <b>.0002221</b> | <b>8.024574</b> | <b>.0007563</b> | <b>.0081430</b> | <b>.2218321</b> | <b>2.392725</b> |
| Stddev | .0001159        | .0000360        | .027137         | .0010386        | .0004496        | .0035762        | .020799         |
| %RSD   | 81.60649        | 16.19865        | .3381779        | 137.3285        | 5.521455        | 1.612102        | .8692480        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002110 | .0002359 | 7.999695 | -.000428 | .0083136 | .2178259 | 2.399631 |
| #2 | .0000082 | .0002491 | 8.020514 | .001513  | .0084824 | .2229682 | 2.369351 |
| #3 | .0002067 | .0001812 | 8.053512 | .001183  | .0076331 | .2247022 | 2.409192 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.818210</b> | <b>.6854398</b> | <b>.0027118</b> | <b>.0005273</b> | <b>339.4627</b> | <b>-.019735</b> | <b>.0889411</b> |
| Stddev | .006820         | .0367839        | .0006528        | .0011886        | 3.2532          | .011000         | .0002545        |
| %RSD   | .1786061        | 5.366462        | 24.07292        | 225.4313        | .9583430        | 55.73697        | .2861594        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.818503 | .6526159 | .0023912 | -.000824 | 336.0585 | -.009665 | .0891695 |
| #2 | 3.811248 | .6785067 | .0022813 | .000995  | 339.7894 | -.031473 | .0886667 |
| #3 | 3.824878 | .7251969 | .0034629 | .001411  | 342.5403 | -.018066 | .0889871 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.617694</b> | <b>.0196465</b> | <b>.0224537</b> | <b>.0012526</b> | <b>.5162210</b> | <b>.8236272</b> | <b>.0025606</b> |
| Stddev | .066297         | .0013706        | .0003255        | .0003776        | .0008613        | .0131001        | .0012466        |
| %RSD   | 1.435724        | 6.976572        | 1.449577        | 30.14801        | .1668419        | 1.590533        | 48.68512        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.541255 | .0198974 | .0228295 | .0015833 | .5161165 | .8087051 | .0012828 |
| #2 | 4.652272 | .0181677 | .0222604 | .0013333 | .5171297 | .8289416 | .0037735 |
| #3 | 4.659553 | .0208743 | .0222712 | .0008411 | .5154167 | .8332350 | .0026254 |

Sample Name: Q2362-04      Acquired: 6/25/2025 16:48:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0009958 | -.020796 | .0550590 |
| Stddev | .0043360 | .005929  | .0002615 |
| %RSD   | 435.4163 | 28.51137 | .4750188 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003195 | -.021238 | .0553534 |
| #2 | .000718  | -.014659 | .0548537 |
| #3 | .005464  | -.026492 | .0549698 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5091.993 | 40071.72 | 2271.181 | 3593.789 | 5184.211 |
| Stddev    | 5.079    | 276.31   | 22.517   | 30.938   | 10.858   |
| %RSD      | .0997463 | .6895286 | .9914276 | .8608698 | .2094412 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5090.521 | 39838.56 | 2297.000 | 3571.198 | 5191.117 |
| #2 | 5087.813 | 39999.69 | 2255.616 | 3581.117 | 5171.696 |
| #3 | 5097.646 | 40376.91 | 2260.926 | 3629.051 | 5189.820 |

Sample Name: Q2364-04DLX5      Acquired: 6/25/2025 16:53:26      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068389 | .0012701 | .5550031 | .0133673 | .0052893 | 25.92773 |
| Stddev | .0011120 | .0004903 | .0044305 | .0020153 | .0029774 | .05698   |
| %RSD   | 16.26016 | 38.60372 | .7982847 | 15.07640 | 56.29111 | .2197612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064786 | .0007767 | .5593136 | .0126367 | .0075853 | 25.89186 |
| #2 | .0080865 | .0012762 | .5552342 | .0118191 | .0019252 | 25.99343 |
| #3 | .0059518 | .0017573 | .5504616 | .0156459 | .0063574 | 25.89789 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3164701 | .0021717 | .0163879 | 9.258885 | .3793265 | .0411230 |
| Stddev | .0022690 | .0000492 | .0002349 | .063702  | .0026435 | .0005553 |
| %RSD   | .7169587 | 2.267314 | 1.433278 | .6880095 | .6968860 | 1.350333 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3186267 | .0021309 | .0166414 | 9.186029 | .3804774 | .0417314 |
| #2 | .3166804 | .0022264 | .0163449 | 9.304085 | .3811994 | .0409940 |
| #3 | .3141034 | .0021577 | .0161775 | 9.286541 | .3763027 | .0406436 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4114728 | 36.64689 | .4310601 | 4.068398 | .1942167 | .0063486 |
| Stddev | .0012862 | .05075   | .0030570 | .032505  | .0022795 | .0001672 |
| %RSD   | .3125831 | .1384726 | .7091803 | .7989540 | 1.173680 | 2.633999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4128994 | 36.62174 | .4334287 | 4.050633 | .1967638 | .0061555 |
| #2 | .4111171 | 36.70529 | .4321424 | 4.105913 | .1935179 | .0064450 |
| #3 | .4104019 | 36.61362 | .4276092 | 4.048647 | .1923684 | .0064453 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .4923548 | .0577169 | F 24.36706 | 1.391575 | 2.242019 | .0047218 |
| Stddev | .0267576 | .0043586 | .06459     | .008070  | .021838  | .0005583 |
| %RSD   | 5.434625 | 7.551748 | .2650710   | .5799162 | .9740441 | 11.82414 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4910648 | .0579017 | 24.42976 | 1.400514 | 2.264899 | .0048629 |
| #2 | .4662655 | .0532688 | 24.30073 | 1.389386 | 2.239760 | .0041065 |
| #3 | .5197342 | .0619802 | 24.37070 | 1.384826 | 2.221398 | .0051961 |

Sample Name: Q2364-04DLX5      Acquired: 6/25/2025 16:53:26      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037091 | 15.22552 | 2.085955 | .0276841 | .2243183 | .0884936 |
| Stddev | .0003772 | .12192   | .007080  | .0002737 | .0014306 | .0109320 |
| %RSD   | 10.16964 | .8007449 | .3394082 | .9886586 | .6377609 | 12.35342 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0038645 | 15.33166 | 2.089964 | .0274503 | .2236861 | .0997493 |
| #2 | .0032790 | 15.25254 | 2.090120 | .0279852 | .2259561 | .0878144 |
| #3 | .0039837 | 15.09236 | 2.077780 | .0276167 | .2233127 | .0779170 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0814716 |
| Stddev | .0001594 |
| %RSD   | .1956612 |

|    |          |
|----|----------|
| #1 | .0813337 |
| #2 | .0814349 |
| #3 | .0816461 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5399.784 | 43155.03 | 2352.476 | 3823.052 | 5698.311 |
| Stddev    | 12.094   | 143.28   | 1.063    | 18.119   | 12.158   |
| %RSD      | .2239685 | .3320066 | .0451789 | .4739531 | .2133646 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5386.242 | 43055.39 | 2351.360 | 3814.083 | 5686.334 |
| #2 | 5403.600 | 43319.23 | 2352.592 | 3843.907 | 5697.955 |
| #3 | 5409.509 | 43090.46 | 2353.476 | 3811.166 | 5710.643 |

Sample Name: CCV02      Acquired: 6/25/2025 16:57:42      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.025881</b> | <b>5.048312</b> | <b>5.046533</b> | <b>5.089688</b> | <b>5.103786</b> | <b>10.16313</b> | <b>10.15688</b> |
| Stddev | .007988         | .003075         | .005983         | .007527         | .003685         | .03540          | .05992          |
| %RSD   | .1589459        | .0609129        | .1185545        | .1478795        | .0721940        | .3483316        | .5899842        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.025072 | 5.050331 | 5.052454 | 5.083412 | 5.100064 | 10.19219 | 10.09889 |
| #2 | 5.018328 | 5.049833 | 5.040490 | 5.098033 | 5.107432 | 10.12370 | 10.15317 |
| #3 | 5.034243 | 5.044773 | 5.046656 | 5.087618 | 5.103862 | 10.17349 | 10.21857 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2669428</b> | <b>2.528835</b> | <b>25.61832</b> | <b>1.038405</b> | <b>2.530522</b> | <b>1.319991</b> | <b>5.120656</b> |
| Stddev | .0003316        | .000542         | .00710          | .002067         | .001218         | .002386         | .000632         |
| %RSD   | .1242329        | .0214219        | .0276973        | .1990157        | .0481325        | .1807845        | .0123349        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2672175 | 2.528211 | 25.61016 | 1.038871 | 2.531108 | 1.321687 | 5.121238 |
| #2 | .2665744 | 2.529099 | 25.62302 | 1.040199 | 2.529122 | 1.317262 | 5.120745 |
| #3 | .2670364 | 2.529193 | 25.62179 | 1.036145 | 2.531336 | 1.321024 | 5.119984 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.566330</b> | <b>25.54287</b> | <b>2.511704</b> | <b>1.286427</b> | <b>25.65072</b> | <b>2.561033</b> | <b>2.558511</b> |
| Stddev | .009674         | .10507          | .002785         | .001803         | .09184          | .013964         | .004376         |
| %RSD   | .3769636        | .4113408        | .1108663        | .1401874        | .3580315        | .5452310        | .1710371        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.560959 | 25.43660 | 2.511929 | 1.284545 | 25.75674 | 2.545887 | 2.563544 |
| #2 | 2.560532 | 25.54532 | 2.508814 | 1.288139 | 25.59568 | 2.563815 | 2.556382 |
| #3 | 2.577498 | 25.64669 | 2.514370 | 1.286598 | 25.59975 | 2.573396 | 2.555607 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.62059</b> | <b>5.086536</b> | <b>5.229096</b> | <b>5.097348</b> | <b>5.073459</b> | <b>5.229122</b> | <b>5.071007</b> |
| Stddev | .07962          | .002520         | .011897         | .004042         | .005725         | .013543         | .006361         |
| %RSD   | .3107463        | .0495522        | .2275108        | .0792948        | .1128432        | .2589847        | .1254290        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.69312 | 5.083645 | 5.234864 | 5.093354 | 5.069661 | 5.243495 | 5.075074 |
| #2 | 25.63323 | 5.088270 | 5.215414 | 5.101436 | 5.070672 | 5.216600 | 5.063677 |
| #3 | 25.53540 | 5.087695 | 5.237008 | 5.097254 | 5.080044 | 5.227270 | 5.074270 |

Sample Name: CCV02      Acquired: 6/25/2025 16:57:42      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.149685 | 5.079061 | 5.167105 |
| Stddev | .019342  | .022327  | .021662  |
| %RSD   | .3755888 | .4395877 | .4192360 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.129027 | 5.057392 | 5.145476 |
| #2 | 5.152661 | 5.077797 | 5.167039 |
| #3 | 5.167365 | 5.101993 | 5.188800 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5006.173 | 40218.04 | 2209.854 | 3557.382 | 5141.422 |
| Stddev    | 17.334   | 194.65   | 9.691    | 17.271   | 15.745   |
| %RSD      | .3462539 | .4839888 | .4385563 | .4855085 | .3062452 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5000.791 | 40041.44 | 2198.744 | 3538.951 | 5134.022 |
| #2 | 4992.169 | 40185.94 | 2214.246 | 3560.000 | 5130.739 |
| #3 | 5025.560 | 40426.75 | 2216.572 | 3573.195 | 5159.504 |

Sample Name: CCB02      Acquired: 6/25/2025 17:09:06      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.000524</b> | <b>-.001203</b> | <b>.0015629</b> | <b>.0000026</b> | <b>-.001261</b> | <b>-.021651</b> | <b>-.001279</b> |
| Stddev | .001542         | .001134         | .0017195        | .0027297        | .000891         | .008718         | .000793         |
| %RSD   | 294.5399        | 94.30325        | 110.0228        | 104904.5        | 70.63413        | 40.26676        | 61.99701        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001845</b> | <b>-.002226</b> | <b>.0002891</b> | <b>.0027003</b> | <b>-.002268</b> | <b>-.019699</b> | <b>-.000824</b> |
| #2 | <b>-.000896</b> | <b>.000017</b>  | <b>.0035188</b> | <b>.0000655</b> | <b>-.000938</b> | <b>-.031179</b> | <b>-.002194</b> |
| #3 | <b>.001171</b>  | <b>-.001399</b> | <b>.0008807</b> | <b>-.002758</b> | <b>-.000577</b> | <b>-.014074</b> | <b>-.000818</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000186</b> | <b>-.000037</b> | <b>-.029709</b> | <b>-.000201</b> | <b>-.000046</b> | <b>-.000181</b> | <b>-.002810</b> |
| Stddev | .0002669        | .000040         | .015875         | .000261         | .000035         | .000514         | .014472         |
| %RSD   | 1435.103        | 105.4602        | 53.43659        | 129.4634        | 75.95804        | 283.3475        | 514.9366        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002938</b> | <b>-.000025</b> | <b>-.045789</b> | <b>.000098</b>  | <b>-.000034</b> | <b>.000369</b>  | <b>-.019503</b> |
| #2 | <b>.0000011</b> | <b>-.000082</b> | <b>-.014047</b> | <b>-.000377</b> | <b>-.000019</b> | <b>-.000649</b> | <b>.004857</b>  |
| #3 | <b>-.000239</b> | <b>-.000006</b> | <b>-.029289</b> | <b>-.000325</b> | <b>-.000085</b> | <b>-.000264</b> | <b>.006214</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0029693</b> | <b>.0364257</b> | <b>-.000091</b> | <b>.0000220</b> | <b>.0610504</b> | <b>-.008763</b> | <b>-.000934</b> |
| Stddev | .0006161        | .0283205        | .000182         | .0003038        | .0083258        | .004327         | .000562         |
| %RSD   | 20.74831        | 77.74862        | 200.1331        | 1383.076        | 13.63751        | 49.37737        | 60.10262        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0022579</b> | <b>.0228957</b> | <b>-.000301</b> | <b>.0000003</b> | <b>.0634540</b> | <b>-.008712</b> | <b>-.000305</b> |
| #2 | <b>.0033290</b> | <b>.0689735</b> | <b>.000004</b>  | <b>-.000270</b> | <b>.0679100</b> | <b>-.013115</b> | <b>-.001385</b> |
| #3 | <b>.0033210</b> | <b>.0174079</b> | <b>.000024</b>  | <b>.000336</b>  | <b>.0517873</b> | <b>-.004461</b> | <b>-.001112</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0043338</b> | <b>.0014209</b> | <b>-.000531</b> | <b>-.000220</b> | <b>-.003008</b> | <b>.0028171</b> | <b>-.001577</b> |
| Stddev | .0004515        | .0009744        | .000424         | .000185         | .001734         | .0012085        | .001358         |
| %RSD   | 10.41836        | 68.57568        | 79.95055        | 83.95542        | 57.63352        | 42.89775        | 86.11444        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0047621</b> | <b>.0023569</b> | <b>-.000553</b> | <b>-.000392</b> | <b>-.001451</b> | <b>.0014248</b> | <b>-.002384</b> |
| #2 | <b>.0043771</b> | <b>.0004122</b> | <b>-.000096</b> | <b>-.000025</b> | <b>-.002697</b> | <b>.0035948</b> | <b>-.000009</b> |
| #3 | <b>.0038622</b> | <b>.0014936</b> | <b>-.000943</b> | <b>-.000242</b> | <b>-.004876</b> | <b>.0034315</b> | <b>-.002340</b> |

Sample Name: CCB02      Acquired: 6/25/2025 17:09:06      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002715</b> | <b>-.004171</b> | <b>-.000146</b> |
| Stddev | .004481         | .001468         | .000132         |
| %RSD   | 165.0399        | 35.19815        | 90.45055        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .002179  | -.005857 | -.000044 |
| #2 | -.006617 | -.003176 | -.000099 |
| #3 | -.003709 | -.003480 | -.000294 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>5202.429</b> | <b>41821.19</b> | <b>2226.942</b> | <b>3669.794</b> | <b>5863.199</b> |
| Stddev    | 26.715          | 269.42          | 7.444           | 18.937          | 26.672          |
| %RSD      | .5135129        | .6442102        | .3342484        | .5160339        | .4549043        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5199.588 | 42089.67 | 2219.209 | 3682.630 | 5861.766 |
| #2 | 5177.248 | 41550.85 | 2227.561 | 3648.045 | 5837.273 |
| #3 | 5230.452 | 41823.06 | 2234.058 | 3678.708 | 5890.559 |

Sample Name: Q2364-04DL2X10      Acquired: 6/25/2025 17:15:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015350 | .0004015 | .2654410 | .0050421 | .0020221 | 12.45118 | .1513357 |
| Stddev | .0020126 | .0015094 | .0011196 | .0024167 | .0022760 | .03266   | .0006764 |
| %RSD   | 131.1216 | 375.9624 | .4218011 | 47.93037 | 112.5556 | .2623261 | .4469553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029313 | .0021118 | .2641766 | .0070290 | .0022138 | 12.44101 | .1520562 |
| #2 | .0024456 | -.000744 | .2658396 | .0057457 | .0041962 | 12.48771 | .1507143 |
| #3 | -.000772 | -.000163 | .2663068 | .0023517 | -.000344 | 12.42480 | .1512367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011151 | .0078428 | 4.462244 | .1821170 | .0198749 | .1990552 | 17.56608 |
| Stddev | .0000572 | .0000965 | .020075  | .0011016 | .0001784 | .0010934 | .06085   |
| %RSD   | 5.127769 | 1.230989 | .4498831 | .6049071 | .8976016 | .5492759 | .3464284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011806 | .0077379 | 4.474181 | .1810444 | .0197863 | .1987246 | 17.62969 |
| #2 | .0010747 | .0079280 | 4.473484 | .1832455 | .0200802 | .2002757 | 17.56013 |
| #3 | .0010901 | .0078623 | 4.439067 | .1820611 | .0197581 | .1981653 | 17.50842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2105153 | 1.949718 | .0925810 | .0029500 | .2165119 | .0261513 | 12.33573 |
| Stddev | .0011433 | .065431  | .0003133 | .0009653 | .0076139 | .0117240 | .00512   |
| %RSD   | .5430763 | 3.355921 | .3383996 | 32.72217 | 3.516604 | 44.83147 | .0415070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2117086 | 1.921332 | .0922257 | .0026373 | .2082193 | .0396515 | 12.34162 |
| #2 | .2094296 | 2.024548 | .0926999 | .0040329 | .2181292 | .0202733 | 12.33236 |
| #3 | .2104077 | 1.903274 | .0928175 | .0021798 | .2231871 | .0185291 | 12.33321 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6299201 | 1.065103 | .0015688 | .0023672 | 7.176811 | 1.017605 | .0121785 |
| Stddev | .0024691 | .003178  | .0005316 | .0001660 | .012146  | .005772  | .0003336 |
| %RSD   | .3919641 | .2984088 | 33.88773 | 7.011265 | .1692381 | .5672004 | 2.739354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6291708 | 1.063075 | .0010076 | .0022591 | 7.166911 | 1.022781 | .0117967 |
| #2 | .6326770 | 1.068766 | .0020648 | .0022842 | 7.190365 | 1.018653 | .0123249 |
| #3 | .6279126 | 1.063468 | .0016340 | .0025583 | 7.173159 | 1.011381 | .0124139 |

Sample Name: Q2364-04DL2X10      Acquired: 6/25/2025 17:15:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1094289 | .0115941 | .0388780 |
| Stddev | .0037469 | .0058536 | .0001150 |
| %RSD   | 3.424027 | 50.48793 | .2958391 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1106521 | .0183498 | .0387457 |
| #2 | .1052233 | .0080259 | .0389345 |
| #3 | .1124113 | .0084068 | .0389538 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5313.661 | 42316.07 | 2275.333 | 3745.850 | 5752.132 |
| Stddev    | 8.911    | 214.61   | 10.907   | 13.817   | 7.184    |
| %RSD      | .1676979 | .5071662 | .4793453 | .3688608 | .1248984 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5322.196 | 42530.08 | 2279.515 | 3756.567 | 5759.455 |
| #2 | 5304.417 | 42100.86 | 2262.955 | 3730.256 | 5745.095 |
| #3 | 5314.371 | 42317.25 | 2283.530 | 3750.728 | 5751.846 |

Sample Name: Q2380-03DLX5      Acquired: 6/25/2025 17:24:32      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0107031 | -.002767 | .3967451 | .0162016 | .0099198 | 40.01810 | .4677397 |
| Stddev | .0022753 | .000793  | .0012257 | .0025375 | .0013611 | .13409   | .0004750 |
| %RSD   | 21.25862 | 28.65768 | .3089276 | 15.66195 | 13.72101 | .3350609 | .1015619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086443 | -.003378 | .3956361 | .0139515 | .0088647 | 39.86349 | .4672299 |
| #2 | .0131460 | -.003051 | .3965381 | .0189519 | .0094386 | 40.08828 | .4678194 |
| #3 | .0103189 | -.001871 | .3980611 | .0157013 | .0114561 | 40.10253 | .4681699 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037474 | -.000647 | 40.05387 | .0850563 | .0493198 | .1704152 | 94.99177 |
| Stddev | .0001391 | .000019  | .07330   | .0007673 | .0002282 | .0007642 | .18105   |
| %RSD   | 3.710766 | 2.967055 | .1830150 | .9020703 | .4626401 | .4484354 | .1905961 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036483 | -.000625 | 40.12299 | .0858416 | .0495245 | .1695552 | 94.79197 |
| #2 | .0036874 | -.000657 | 39.97700 | .0850187 | .0493610 | .1710163 | 95.03839 |
| #3 | .0039064 | -.000658 | 40.06162 | .0843085 | .0490738 | .1706740 | 95.14495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.690328 | 21.41219 | .0906962 | -.004633 | 1.864665 | .0876470 | .5853266 |
| Stddev | .006389  | .05909   | .0004175 | .000485  | .005555  | .0068646 | .0027288 |
| %RSD   | .3779461 | .2759838 | .4603445 | 10.47685 | .2979057 | 7.832077 | .4661996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.682951 | 21.43921 | .0911064 | -.004848 | 1.867426 | .0955415 | .5884651 |
| #2 | 1.694055 | 21.45294 | .0907103 | -.004077 | 1.868297 | .0843162 | .5835159 |
| #3 | 1.693976 | 21.34442 | .0902717 | -.004974 | 1.858270 | .0830834 | .5839986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.356912 | 1.595872 | .0295659 | .0051807 | 1.197699 | 4.196588 | .1036389 |
| Stddev | .018018  | .000187  | .0010293 | .0004886 | .000484  | .002076  | .0008992 |
| %RSD   | .3363585 | .0117430 | 3.481221 | 9.431951 | .0403964 | .0494703 | .8676382 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.366682 | 1.595693 | .0306990 | .0049943 | 1.198047 | 4.195418 | .1029563 |
| #2 | 5.367934 | 1.596067 | .0286888 | .0057351 | 1.197147 | 4.195360 | .1046577 |
| #3 | 5.336118 | 1.595855 | .0293100 | .0048127 | 1.197904 | 4.198985 | .1033026 |

Sample Name: Q2380-03DLX5      Acquired: 6/25/2025 17:24:32      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8798757</b> | <b>.0823355</b> | <b>.1934544</b> |
| Stddev | .0019817        | .0044900        | .0003522        |
| %RSD   | .2252229        | 5.453274        | .1820583        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8805133</b> | <b>.0772371</b> | <b>.1935436</b> |
| #2 | <b>.8776537</b> | <b>.0840698</b> | <b>.1937535</b> |
| #3 | <b>.8814601</b> | <b>.0856997</b> | <b>.1930662</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>5307.972</b> | <b>42205.76</b> | <b>2317.452</b> | <b>3744.534</b> | <b>5359.525</b> |
| Stddev    | 27.064          | 57.07           | 4.081           | 12.614          | 27.164          |
| %RSD      | .5098743        | .1352079        | .1761057        | .3368627        | .5068381        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5318.241 | 42143.27 | 2321.895 | 3730.064 | 5374.677 |
| #2 | 5328.399 | 42218.91 | 2316.591 | 3753.205 | 5375.734 |
| #3 | 5277.276 | 42255.11 | 2313.870 | 3750.335 | 5328.165 |

Sample Name: Q2380-05DLX5      Acquired: 6/25/2025 17:28:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0373095</b> | <b>-.003050</b> | <b>.2182843</b> | <b>.0111987</b> | <b>.0032110</b> | <b>18.01565</b> | <b>.1431307</b> |
| Stddev | .0009910        | .001356         | .0043147        | .0021006        | .0019166        | .05232          | .0012491        |
| %RSD   | 2.656059        | 44.45888        | 1.976628        | 18.75710        | 59.68887        | .2904130        | .8726904        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0361652 | -.004182 | .2232336 | .0105930 | .0019327 | 18.07149 | .1443678 |
| #2 | .0378874 | -.003421 | .2163043 | .0135356 | .0022856 | 18.00769 | .1418699 |
| #3 | .0378758 | -.001547 | .2153150 | .0094676 | .0054147 | 17.96777 | .1431545 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0013633</b> | <b>-.000289</b> | <b>8.228135</b> | <b>.0341693</b> | <b>.0210181</b> | <b>.5033359</b> | <b>41.00979</b> |
| Stddev | .0000938        | .000041         | .037104         | .0006107        | .0004972        | .0077932        | .02698          |
| %RSD   | 6.876836        | 14.11727        | .4509441        | 1.787152        | 2.365762        | 1.548321        | .0657968        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014209 | -.000269 | 8.220974 | .0335977 | .0215846 | .5072123 | 40.98951 |
| #2 | .0012551 | -.000262 | 8.268298 | .0348127 | .0208155 | .5084308 | 41.04042 |
| #3 | .0014139 | -.000336 | 8.195133 | .0340975 | .0206541 | .4943646 | 40.99944 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9139643</b> | <b>9.176934</b> | <b>.0365691</b> | <b>-.001937</b> | <b>.9783951</b> | <b>.0635066</b> | <b>.3307318</b> |
| Stddev | .0025880        | .083538         | .0010444        | .001628         | .0211185        | .0077196        | .0011311        |
| %RSD   | .2831618        | .9103048        | 2.856002        | 84.07087        | 2.158488        | 12.15553        | .3419906        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9148247 | 9.248784 | .0376571 | -.002732 | .9933836 | .0546163 | .3312222 |
| #2 | .9110557 | 9.085270 | .0364756 | -.003015 | .9875594 | .0673929 | .3315350 |
| #3 | .9160125 | 9.196748 | .0355745 | -.000064 | .9542425 | .0685108 | .3294383 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.846424</b> | <b>.7826923</b> | <b>.0101131</b> | <b>.0013716</b> | <b>.3540551</b> | <b>2.297711</b> | <b>.0128766</b> |
| Stddev | .027346         | .0133292        | .0016981        | .0004605        | .0064978        | .045601         | .0013519        |
| %RSD   | 1.481003        | 1.702992        | 16.79077        | 33.57458        | 1.835259        | 1.984612        | 10.49879        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.860880 | .7967986 | .0086934 | .0018812 | .3592187 | 2.320166 | .0138051 |
| #2 | 1.863508 | .7809707 | .0096517 | .0009852 | .3561875 | 2.327730 | .0134991 |
| #3 | 1.814885 | .7703076 | .0119941 | .0012484 | .3467590 | 2.245237 | .0113256 |

Sample Name: Q2380-05DLX5      Acquired: 6/25/2025 17:28:50      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7660754 | .0248744 | .0496339 |
| Stddev | .0080778 | .0045215 | .0001501 |
| %RSD   | 1.054441 | 18.17718 | .3025174 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7737597 | .0197135 | .0495026 |
| #2 | .7668119 | .0281388 | .0496014 |
| #3 | .7576545 | .0267708 | .0497976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5270.808 | 41956.87 | 2276.280 | 3713.999 | 5592.979 |
| Stddev    | 3.530    | 126.50   | 20.566   | 4.985    | 6.005    |
| %RSD      | .0669667 | .3015041 | .9034898 | .1342113 | .1073679 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5274.447 | 42031.28 | 2270.133 | 3717.454 | 5589.009 |
| #2 | 5267.399 | 42028.51 | 2259.488 | 3716.258 | 5590.041 |
| #3 | 5270.579 | 41810.80 | 2299.218 | 3708.285 | 5599.887 |

Sample Name: Q2381-01      Acquired: 6/25/2025 17:33:11      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.1029942</b> | <b>-.044656</b> | <b>.7732142</b> | <b>.1380190</b> | <b>.0381708</b> | <b>208.0025</b> | <b>1.049287</b> |
| Stddev | .0020102        | .001770         | .0024817        | .0008753        | .0025175        | .4717           | .002736         |
| %RSD   | 1.951751        | 3.964218        | .3209587        | .6342155        | 6.595296        | .2267739        | .2607936        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1007758 | -.043262 | .7704741 | .1389774 | .0366462 | 208.2776 | 1.049771 |
| #2 | .1046949 | -.044057 | .7753106 | .1372617 | .0367898 | 208.2720 | 1.051750 |
| #3 | .1035119 | -.046648 | .7738579 | .1378179 | .0410766 | 207.4578 | 1.046342 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0141888</b> | <b>-.004768</b> | <b>59.65948</b> | <b>.2924086</b> | <b>.3077037</b> | <b>.5789691</b> | <b>423.8994</b> |
| Stddev | .0001352        | .000074         | .24500          | .0001981        | .0004959        | .0010587        | .8717           |
| %RSD   | .9526312        | 1.556905        | .4106668        | .0677373        | .1611704        | .1828671        | .2056294        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0142722 | -.004825 | 59.81380 | .2926279 | .3071915 | .5794069 | 424.1491 |
| #2 | .0142613 | -.004795 | 59.78766 | .2923551 | .3077379 | .5797387 | 424.6190 |
| #3 | .0140328 | -.004684 | 59.37698 | .2922428 | .3081816 | .5777617 | 422.9302 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.800332</b> | <b>58.83682</b> | <b>.3501254</b> | <b>-.026663</b> | <b>2.561905</b> | <b>1.069675</b> | <b>1.158435</b> |
| Stddev | .027084         | .13098          | .0005763        | .000580         | .018410         | .006837         | .001958         |
| %RSD   | .2763589        | .2226230        | .1646045        | 2.174615        | .7185977        | .6391709        | .1690543        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.803268 | 58.91240 | .3494709 | -.026120 | 2.582943 | 1.075831 | 1.159409 |
| #2 | 9.825830 | 58.91248 | .3503489 | -.027274 | 2.548742 | 1.070876 | 1.159716 |
| #3 | 9.771901 | 58.68557 | .3505566 | -.026595 | 2.554031 | 1.062316 | 1.156181 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.61622</b> | <b>12.18064</b> | <b>.1812499</b> | <b>.0090382</b> | <b>6.771959</b> | <b>12.28324</b> | <b>.0210690</b> |
| Stddev | .13673          | .01923          | .0013815        | .0008466        | .008244         | .03172          | .0013212        |
| %RSD   | 1.177044        | .1578683        | .7621803        | 9.366674        | .1217395        | .2582097        | 6.270580        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.77121 | 12.15852 | .1797545 | .0092515 | 6.764072 | 12.30879 | .0214217 |
| #2 | 11.56479 | 12.18999 | .1815168 | .0097577 | 6.771284 | 12.29319 | .0221780 |
| #3 | 11.51267 | 12.19341 | .1824784 | .0081054 | 6.780519 | 12.24774 | .0196073 |

Sample Name: Q2381-01      Acquired: 6/25/2025 17:33:11      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.222911 | .1454867 | .2178621 |
| Stddev | .019690  | .0034193 | .0006339 |
| %RSD   | .2726000 | 2.350275 | .2909613 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.231768 | .1456104 | .2177571 |
| #2 | 7.236616 | .1420073 | .2185420 |
| #3 | 7.200348 | .1488426 | .2172873 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 6656.829 | 52615.07 | 3003.260 | 4719.451 | 5094.960 |
| Stddev    | 22.663   | 27.33    | 6.524    | 5.763    | 18.168   |
| %RSD      | .3404519 | .0519443 | .2172372 | .1221057 | .3565865 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 6681.339 | 52593.02 | 2998.691 | 4722.918 | 5114.799 |
| #2 | 6652.515 | 52645.65 | 3000.357 | 4712.799 | 5090.947 |
| #3 | 6636.632 | 52606.55 | 3010.732 | 4722.637 | 5079.135 |

Sample Name: Q2381-01DUP      Acquired: 6/25/2025 17:37:31      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.1049439</b> | <b>-.043364</b> | <b>.7760182</b> | <b>.1361102</b> | <b>.0439058</b> | <b>205.6460</b> | <b>1.038880</b> |
| Stddev | .0015605        | .000729         | .0069524        | .0022415        | .0025321        | .1387           | .000469         |
| %RSD   | 1.487004        | 1.679984        | .8959007        | 1.646845        | 5.767006        | .0674663        | .0451898        |
| #1     | .1046929        | -.043149        | .7735088        | .1335732        | .0467039        | 205.4859        | 1.039391        |
| #2     | .1066147        | -.042768        | .7706689        | .1369345        | .0432410        | 205.7230        | 1.038781        |
| #3     | .1035241        | -.044176        | .7838769        | .1378228        | .0417724        | 205.7293        | 1.038467        |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0131817</b> | <b>-.004527</b> | <b>58.63893</b> | <b>.2925280</b> | <b>.3062967</b> | <b>.5393003</b> | <b>418.5089</b> |
| Stddev | .0014616        | .000266         | .09909          | .0050078        | .0028053        | .0563046        | .7106           |
| %RSD   | 11.08776        | 5.868295        | .1689896        | 1.711905        | .9158681        | 10.44031        | .1698036        |
| #1     | .0140245        | -.004589        | 58.53404        | .2891638        | .3047715        | .5695168        | 417.7271        |
| #2     | .0114941        | -.004756        | 58.73097        | .2982832        | .3045844        | .4743379        | 418.6840        |
| #3     | .0140266        | -.004235        | 58.65179        | .2901371        | .3095341        | .5740461        | 419.1157        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.690575</b> | <b>58.23170</b> | <b>.3497224</b> | <b>-.028675</b> | <b>^ *****</b>  | <b>1.057284</b> | <b>1.162172</b> |
| Stddev | .012274         | .14174          | .0028861        | .003020         | -----           | .011331         | .022389         |
| %RSD   | .1266545        | .2434140        | .8252547        | 10.53313        | -----           | 1.071720        | 1.926514        |
| #1     | 9.676433        | 58.07827        | .3477675        | -.026840        | 2.543797        | 1.068043        | 1.147155        |
| #2     | 9.698439        | 58.35777        | .3483625        | -.032161        | <b>^ -----</b>  | 1.058353        | 1.187905        |
| #3     | 9.696855        | 58.25905        | .3530372        | -.027024        | 2.523361        | 1.045457        | 1.151454        |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.43466</b> | <b>12.50285</b> | <b>.2010794</b> | <b>.0094556</b> | <b>6.993917</b> | <b>11.48461</b> | <b>.0222138</b> |
| Stddev | .09401          | .15626          | .0284388        | .0001219        | .081383         | 1.13895         | .0012193        |
| %RSD   | .8221394        | 1.249795        | 14.14308        | 1.289225        | 1.163628        | 9.917214        | 5.488816        |
| #1     | 11.48322        | 12.48681        | .1822583        | .0095954        | 6.972502        | 12.15338        | .0208103        |
| #2     | 11.49445        | 12.35522        | .2337943        | .0093711        | 6.925383        | 10.16953        | .0228190        |
| #3     | 11.32630        | 12.66651        | .1871857        | .0094004        | 7.083867        | 12.13094        | .0230120        |

Sample Name: Q2381-01DUP      Acquired: 6/25/2025 17:37:31      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.133074 | .1455320 | .2144680 |
| Stddev | .008823  | .0030275 | .0008586 |
| %RSD   | .1236965 | 2.080306 | .4003227 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.125497 | .1460712 | .2141237 |
| #2 | 7.142761 | .1482537 | .2138350 |
| #3 | 7.130965 | .1422711 | .2154453 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 6302.748 | 49584.69 | 3044.649 | 4472.333 | 4822.101 |
| Stddev    | 56.752   | 6034.12  | 4.971    | 501.729  | 56.570   |
| %RSD      | .9004343 | 12.16932 | .1632790 | 11.21851 | 1.173134 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 6358.890 | 53035.32 | 3039.198 | 4770.257 | 4874.219 |
| #2 | 6303.950 | 42617.19 | 3048.933 | 3893.065 | 4830.143 |
| #3 | 6245.405 | 53101.56 | 3045.817 | 4753.677 | 4761.941 |

Sample Name: Q2381-01LX5      Acquired: 6/25/2025 17:41:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |            |            |            |          |
|--------|----------|------------|------------|------------|------------|------------|----------|
| Elem   | As1890   | Tl1908     | Pb2203     | Se1960     | Sb2068     | Al3961     | Ba4934   |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0252406 | k -.009591 | .1594636   | .0323845   | k .0087454 | 51.54446   | .2611899 |
| Stddev | .0036853 | .001569    | .0014530   | .0029987   | .0008601   | .35632     | .0008964 |
| %RSD   | 14.60049 | 16.36084   | .9111689   | 9.259691   | 9.834409   | .6912772   | .3432089 |
| #1     | .0218047 | k -.011235 | .1581170   | .0352025   | k .0077892 | 51.16422   | .2609088 |
| #2     | .0291327 | -.008109   | .1610036   | .0292330   | .0094558   | 51.59849   | .2604677 |
| #3     | .0247843 | -.009430   | .1592702   | .0327180   | .0089912   | 51.87068   | .2621932 |
| Elem   | Be2348   | Cd2144     | Ca3736     | Cr2677     | Co2286     | Cu3247     | Fe2598   |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0041133 | -.001912   | 14.99100   | s .1235920 | .0641429   | .1572755   | 107.5867 |
| Stddev | .0007003 | .000012    | .03152     | .0858501   | .0001646   | .0156288   | .3206    |
| %RSD   | 17.02454 | .6357559   | .2102510   | 69.46250   | .2565787   | 9.937193   | .2980359 |
| #1     | .0049166 | -.001899   | 14.97167   | s .2227207 | .0641812   | .1751980   | 107.2665 |
| #2     | .0037917 | -.001912   | 14.97397   | .0734327   | .0639625   | .1464852   | 107.5860 |
| #3     | .0036316 | -.001924   | 15.02738   | .0746225   | .0642849   | .1501432   | 107.9078 |
| Elem   | Mn2576   | Mg2790     | Ni2316     | Ag3280     | Na8183     | V_2924     | Zn2138   |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | 2.499882 | 15.07249   | .0702520   | s -.030738 | .7250456   | k .2673689 | .2878667 |
| Stddev | .007479  | .10373     | .0004567   | .042504    | .0787299   | .0081764   | .0009120 |
| %RSD   | .2991914 | .6882060   | .6501153   | 138.2790   | 10.85861   | 3.058108   | .3168272 |
| #1     | 2.492498 | 14.98845   | .0707761   | s -.079775 | .8134699   | k .2742155 | .2883843 |
| #2     | 2.507454 | 15.04060   | .0699394   | -.007969   | .6625508   | .2695757   | .2884023 |
| #3     | 2.499694 | 15.18842   | .0700405   | -.004469   | .6991161   | .2583156   | .2868136 |
| Elem   | K_7698   | P_1774     | B_2496     | Mo2020     | S_1820     | Si2516     | Sn1899   |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | ^ *****  | 2.367183   | k .0358619 | .0020315   | 1.298327   | ^ *****    | .0036372 |
| Stddev | -----    | .005123    | .0113587   | .0004221   | .000587    | -----      | .0005404 |
| %RSD   | -----    | .2163985   | 31.67354   | 20.77762   | .0451779   | -----      | 14.85829 |
| #1     | ^ -----  | 2.372810   | k .0228146 | .0015666   | 1.297933   | ^ -----    | .0034132 |
| #2     | 2.325130 | 2.362791   | .0435456   | .0021374   | 1.299001   | 3.685015   | .0042536 |
| #3     | 2.394516 | 2.365950   | .0412256   | .0023906   | 1.298046   | 3.753278   | .0032447 |

Sample Name: Q2381-01LX5      Acquired: 6/25/2025 17:41:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.800953 | .0217383 | .0543637 |
| Stddev | .006947  | .0054123 | .0002815 |
| %RSD   | .3857183 | 24.89764 | .5178718 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.808059 | .0270335 | .0540507 |
| #2 | 1.794178 | .0219655 | .0544439 |
| #3 | 1.800621 | .0162160 | .0545964 |

|           |          |         |          |          |          |
|-----------|----------|---------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600  | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S   | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5492.405 | ^ ***** | 2267.394 | 3869.270 | 5441.682 |
| Stddev    | 21.525   | -----   | 236.235  | 11.358   | 20.655   |
| %RSD      | .3919044 | -----   | 10.41881 | .2935390 | .3795633 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5479.014 | ^ -----  | 1994.913 | 3861.009 | 5423.644 |
| #2 | 5517.234 | 43555.08 | 2414.717 | 3864.578 | 5464.214 |
| #3 | 5480.966 | 43740.45 | 2392.552 | 3882.222 | 5437.190 |

Sample Name: Q2381-01MS      Acquired: 6/25/2025 17:46:11      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890     | Tl1908     | Pb2203     | Se1960     | Sb2068     | Al3961     | Ba4934   |
|--------|------------|------------|------------|------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | s .8813841 | s 1.800863 | s 1.777521 | s 1.636568 | s .2457774 | k 233.5675 | 1.263285 |
| Stddev | .0540529   | .105046    | .104889    | .228078    | .0416627   | .8393      | .003123  |
| %RSD   | 6.132727   | 5.833077   | 5.900852   | 13.93635   | 16.95138   | .3593262   | .2472113 |

|    |            |            |            |            |            |            |          |
|----|------------|------------|------------|------------|------------|------------|----------|
| #1 | .8500841   | 1.742362   | 1.714848   | 1.502141   | .2231710   | 233.9581   | 1.265388 |
| #2 | s .9437989 | s 1.922134 | s 1.898611 | s 1.899911 | s .2938569 | k 234.1403 | 1.264769 |
| #3 | .8502694   | 1.738093   | 1.719103   | 1.507653   | .2203044   | 232.6041   | 1.259696 |

| Elem   | Be2348     | Cd2144  | Ca3736   | Cr2677     | Co2286     | Cu3247     | Fe2598   |
|--------|------------|---------|----------|------------|------------|------------|----------|
| Units  | ppm        | ppm     | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | k .1647207 | ^ ***** | 54.69282 | k .6050651 | s .5540612 | k .8208704 | 507.3348 |
| Stddev | .0042499   | -----   | .30729   | .0016147   | .0442561   | .0162425   | 2.2952   |
| %RSD   | 2.580035   | -----   | .5618500 | .2668640   | 7.987585   | 1.978692   | .4524084 |

|    |            |          |          |            |            |            |          |
|----|------------|----------|----------|------------|------------|------------|----------|
| #1 | .1670997   | .1818397 | 54.92977 | .6067557   | .5283899   | .8297033   | 509.1867 |
| #2 | k .1598142 | ^ -----  | 54.80309 | k .6049008 | s .6051636 | k .8021256 | 508.0508 |
| #3 | .1672483   | .1823241 | 54.34562 | .6035388   | .5286302   | .8307824   | 504.7669 |

| Elem   | Mn2576     | Mg2790   | Ni2316     | Ag3280     | Na8183   | V_2924     | Zn2138     |
|--------|------------|----------|------------|------------|----------|------------|------------|
| Units  | ppm        | ppm      | ppm        | ppm        | ppm      | ppm        | ppm        |
| Avg    | k 10.30726 | 60.86561 | s .8968163 | k .0221568 | 5.295606 | k 1.499596 | k 1.369239 |
| Stddev | .06039     | .21969   | .0602393   | .0017506   | .063512  | .015427    | .008167    |
| %RSD   | .5859225   | .3609365 | 6.717013   | 7.900832   | 1.199331 | 1.028719   | .5964875   |

|    |            |          |            |            |          |            |            |
|----|------------|----------|------------|------------|----------|------------|------------|
| #1 | 10.35187   | 61.02005 | .8615318   | .0239708   | 5.361439 | 1.511599   | 1.360718   |
| #2 | k 10.33136 | 60.96267 | s .9663722 | k .0220223 | 5.234703 | k 1.504992 | k 1.377000 |
| #3 | 10.23853   | 60.61411 | .8625450   | .0204774   | 5.290676 | 1.482196   | 1.369999   |

| Elem   | K_7698   | P_1774  | B_2496     | Mo2020     | S_1820     | Si2516     | Sn1899     |
|--------|----------|---------|------------|------------|------------|------------|------------|
| Units  | ppm      | ppm     | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | 20.08641 | ^ ***** | k .3736875 | s .3033180 | s 6.954019 | k 10.85660 | s .6486110 |
| Stddev | .28145   | -----   | .0047824   | .0511994   | .462125    | .21014     | .0408685   |
| %RSD   | 1.401216 | -----   | 1.279786   | 16.87977   | 6.645434   | 1.935588   | 6.300931   |

|    |          |          |            |            |            |            |            |
|----|----------|----------|------------|------------|------------|------------|------------|
| #1 | 19.79814 | 18.03930 | .3749968   | .2737707   | 6.672702   | 11.00622   | .6256554   |
| #2 | 20.10056 | ^ -----  | k .3776789 | s .3624379 | s 7.487366 | k 10.61635 | s .6957961 |
| #3 | 20.36052 | 18.02930 | .3683868   | .2737453   | 6.701988   | 10.94722   | .6243814   |

Sample Name: Q2381-01MS      Acquired: 6/25/2025 17:46:11      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |
|--------|------------|----------|----------|
| Elem   | Ti3361     | Li6707   | Sr4077   |
| Units  | ppm        | ppm      | ppm      |
| Avg    | k 7.810947 | .3096013 | .3746031 |
| Stddev | .036817    | .0046025 | .0015542 |
| %RSD   | .4713499   | 1.486595 | .4148949 |
| #1     | 7.843104   | .3042945 | .3758804 |
| #2     | k 7.818950 | .3125026 | .3750562 |
| #3     | 7.770787   | .3120068 | .3728727 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | ^ *****  | 51065.19 | 2991.533 | 4598.155 | ^ *****  |
| Stddev    | -----    | 1557.53  | 19.729   | 113.358  | -----    |
| %RSD      | -----    | 3.050075 | .6595023 | 2.465286 | -----    |
| #1        | 6581.085 | 51674.85 | 2986.454 | 4667.489 | 4977.678 |
| #2        | ^ -----  | 49295.05 | 2974.840 | 4467.340 | ^ -----  |
| #3        | 6567.377 | 52225.66 | 3013.305 | 4659.637 | 4967.462 |

Sample Name: Q2381-01MSD      Acquired: 6/25/2025 17:50:28      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.9287737</b> | <b>1.912219</b> | <b>1.795191</b> | <b>1.646233</b> | <b>.2451716</b> | <b>236.6834</b> |
| Stddev | .0241228        | .012388         | .011497         | .041856         | .0021330        | 1.0081          |
| %RSD   | 2.597277        | .6478381        | .6404419        | 2.542529        | .8700063        | .4259127        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9166585 | 1.909180 | 1.797365 | 1.626566 | .2440649 | 237.4821 |
| #2 | .9131096 | 1.901634 | 1.782762 | 1.617832 | .2438194 | 237.0174 |
| #3 | .9565529 | 1.925844 | 1.805446 | 1.694300 | .2476305 | 235.5507 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.282964</b> | <b>.1976174</b> | <b>.2016103</b> | <b>59.40214</b> | <b>.6143234</b> | <b>.5313564</b> |
| Stddev | .002859         | .0342214        | .0025414        | .22623          | .0022874        | .0023633        |
| %RSD   | .2228283        | 17.31698        | 1.260567        | .3808478        | .3723528        | .4447596        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.284972 | .1775099 | .2013297 | 59.29525 | .6165629 | .5313150 |
| #2 | 1.284229 | .1782116 | .1992208 | 59.66201 | .6144165 | .5290141 |
| #3 | 1.279691 | .2371308 | .2042804 | 59.24916 | .6119908 | .5337401 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8968103</b> | <b>433.7464</b> | <b>9.918063</b> | <b>61.72850</b> | <b>.8989263</b> | <b>.0328948</b> |
| Stddev | .1450320        | .7650           | .013184         | .19712          | .0045962        | .0011674        |
| %RSD   | 16.17198        | .1763774        | .1329263        | .3193284        | .5113022        | 3.548950        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8100690 | 433.6053 | 9.907214 | 61.61242 | .8967719 | .0317440 |
| #2 | .8161195 | 434.5722 | 9.932736 | 61.61699 | .8958029 | .0328623 |
| #3 | 1.064242 | 433.0618 | 9.914239 | 61.95610 | .9042040 | .0340781 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>5.971043</b> | <b>1.325963</b> | <b>1.353199</b> | <b>23.86448</b> | <b>F 19.21100</b> | <b>.4506473</b> |
| Stddev | .988090         | .010300         | .002974         | 4.05968         | .56807            | .0112464        |
| %RSD   | 16.54804        | .7768228        | .2197890        | 17.01138        | 2.956984          | 2.495617        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.381752 | 1.331048 | 1.355822 | 21.50473 | 19.06807 | .4585760 |
| #2 | 5.419594 | 1.332732 | 1.353808 | 21.53655 | 18.72804 | .4555900 |
| #3 | 7.111782 | 1.314108 | 1.349968 | 28.55215 | 19.83688 | .4377760 |

Sample Name: Q2381-01MSD      Acquired: 6/25/2025 17:50:28      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2937210</b> | <b>6.783356</b> | <b>12.86620</b> | <b>.6846930</b> | <b>7.869542</b> | <b>.3399795</b> |
| Stddev | .0006879        | .212587         | 2.18557         | .0067156        | .018660         | .0083662        |
| %RSD   | .2342008        | 3.133956        | 16.98691        | .9808134        | .2371129        | 2.460805        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2930097 | 6.732674 | 11.56337 | .6803096 | 7.879958 | .3494285 |
| #2 | .2937707 | 6.600690 | 11.64579 | .6813450 | 7.880668 | .3369959 |
| #3 | .2943828 | 7.016704 | 15.38943 | .6924244 | 7.847999 | .3335141 |

| Elem   | Sr4077          |
|--------|-----------------|
| Units  | ppm             |
| Avg    | <b>.4058130</b> |
| Stddev | .0014971        |
| %RSD   | .3689143        |

|    |          |
|----|----------|
| #1 | .4064150 |
| #2 | .4069155 |
| #3 | .4041087 |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>6279.197</b> | <b>51264.40</b> | <b>2724.213</b> | <b>4598.899</b> | <b>4743.958</b> |
| Stddev    | 263.891         | 165.43          | 419.730         | 23.891          | 205.275         |
| %RSD      | 4.202620        | .3226957        | 15.40738        | .5194846        | 4.327094        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 6241.405 | 51084.89 | 2969.212 | 4571.855 | 4704.376 |
| #2 | 6559.947 | 51297.59 | 2963.866 | 4607.709 | 4966.142 |
| #3 | 6036.240 | 51410.72 | 2239.560 | 4617.135 | 4561.355 |

Sample Name: Q2381-01A      Acquired: 6/25/2025 17:55:18      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890     | Tl1908     | Pb2203     | Se1960     | Sb2068     | Al3961     |
|--------|------------|------------|------------|------------|------------|------------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | s .9532522 | s 1.954199 | s 1.812775 | s 1.806714 | s .7240884 | k 206.7111 |
| Stddev | .0524030   | .101873    | .091113    | .249862    | .1218765   | 6.8980     |
| %RSD   | 5.497290   | 5.213044   | 5.026178   | 13.82963   | 16.83172   | 3.337036   |

|    |            |            |            |            |            |            |
|----|------------|------------|------------|------------|------------|------------|
| #1 | .9288206   | 1.906379   | 1.785716   | 1.673208   | .6533840   | 198.9738   |
| #2 | .9175264   | 1.885033   | 1.738256   | 1.651966   | .6540624   | 212.2179   |
| #3 | s 1.013410 | s 2.071185 | s 1.914353 | s 2.094969 | s .8648187 | k 208.9415 |

| Elem   | Ba4934   | Be2348     | Cd2144  | Ca3736   | Cr2677     | Co2286     |
|--------|----------|------------|---------|----------|------------|------------|
| Units  | ppm      | ppm        | ppm     | ppm      | ppm        | ppm        |
| Avg    | 1.192877 | k .1823540 | ^ ***** | 59.31208 | k .6040054 | s .5327872 |
| Stddev | .033932  | .0400505   | -----   | 1.89180  | .0041811   | .0400457   |
| %RSD   | 2.844575 | 21.96302   | -----   | 3.189572 | .6922203   | 7.516256   |

|    |          |            |          |          |            |            |
|----|----------|------------|----------|----------|------------|------------|
| #1 | 1.155638 | .2248826   | .2009770 | 57.18285 | .6030980   | .5109126   |
| #2 | 1.222048 | .1768228   | .1940479 | 60.79944 | .6003525   | .5084430   |
| #3 | 1.200945 | k .1453567 | ^ -----  | 59.95394 | k .6085656 | s .5790059 |

| Elem   | Cu3247     | Fe2598   | Mn2576     | Mg2790   | Ni2316     | Ag3280     |
|--------|------------|----------|------------|----------|------------|------------|
| Units  | ppm        | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | k .8431628 | 419.5386 | k 9.789883 | 59.42149 | s .8859746 | k .0330383 |
| Stddev | .1769397   | 11.2730  | .271176    | 1.65403  | .0534387   | .0031310   |
| %RSD   | 20.98523   | 2.687006 | 2.769962   | 2.783554 | 6.031631   | 9.477033   |

|    |           |          |           |          |            |            |
|----|-----------|----------|-----------|----------|------------|------------|
| #1 | 1.032081  | 406.9985 | 9.487585  | 57.55962 | .8589338   | .0294321   |
| #2 | .816084   | 428.8319 | 10.01173  | 60.72106 | .8514608   | .0350652   |
| #3 | k .681323 | 422.7853 | k 9.87033 | 59.98379 | s .9475294 | k .0346176 |

| Elem   | Na8183   | V_2924     | Zn2138     | K_7698   | P_1774  | B_2496     |
|--------|----------|------------|------------|----------|---------|------------|
| Units  | ppm      | ppm        | ppm        | ppm      | ppm     | ppm        |
| Avg    | 4.903429 | k 1.289470 | k 1.312770 | 21.98101 | ^ ***** | k .3945114 |
| Stddev | .983465  | .043289    | .019859    | 2.94727  | -----   | .0377433   |
| %RSD   | 20.05667 | 3.357141   | 1.512733   | 13.40827 | -----   | 9.567107   |

|    |          |            |            |          |          |            |
|----|----------|------------|------------|----------|----------|------------|
| #1 | 5.967567 | 1.242523   | 1.300955   | 25.38367 | 18.62093 | .3511967   |
| #2 | 4.714737 | 1.327807   | 1.301658   | 20.33322 | 18.08534 | .4119929   |
| #3 | 4.027980 | k 1.298082 | k 1.335698 | 20.22615 | ^ -----  | k .4203445 |

Sample Name: Q2381-01A      Acquired: 6/25/2025 17:55:18      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020     | S_1820     | Si2516      | Sn1899     | Ti3361     | Li6707   |
|--------|------------|------------|-------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm         | ppm        | ppm        | ppm      |
| Avg    | s .3474579 | s 7.051829 | kF 14.27358 | s .7537983 | k 7.293233 | .3037637 |
| Stddev | .0590384   | .399190    | 3.08673     | .0417884   | .222019    | .0138948 |
| %RSD   | 16.99152   | 5.660804   | 21.62546    | 5.543716   | 3.044182   | 4.574208 |

|    |            |            |            |            |            |          |
|----|------------|------------|------------|------------|------------|----------|
| #1 | .3121141   | 6.928692   | 17.57621   | .7412284   | 7.044007   | .2886618 |
| #2 | .3146457   | 6.728714   | 13.78302   | .7197377   | 7.469877   | .3160066 |
| #3 | s .4156139 | s 7.498080 | k 11.46151 | s .8004290 | k 7.365816 | .3066228 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .3685143 |
| Stddev | .0116175 |
| %RSD   | 3.152531 |

|    |          |
|----|----------|
| #1 | .3555169 |
| #2 | .3778883 |
| #3 | .3721377 |

| Int. Std. | Y_2243  | Y_3600   | Y_3710   | Y_2243   | In2306  |
|-----------|---------|----------|----------|----------|---------|
| Units     | Cts/S   | Cts/S    | Cts/S    | Cts/S    | Cts/S   |
| Avg       | ^ ***** | 48503.68 | 2731.726 | 4360.090 | ^ ***** |
| Stddev    | -----   | 5613.19  | 348.009  | 473.869  | -----   |
| %RSD      | -----   | 11.57272 | 12.73953 | 10.86832 | -----   |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 6516.282 | 52060.59 | 2330.019 | 4662.765 | 4966.752 |
| #2 | 6530.359 | 51417.68 | 2923.437 | 4603.520 | 4997.636 |
| #3 | ^ -----  | 42032.76 | 2941.723 | 3813.983 | ^ -----  |

Sample Name: CCV03      Acquired: 6/25/2025 18:00:27      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>5.114729</b> | <b>5.066128</b> | <b>5.069023</b> | <b>5.179954</b> | <b>5.146240</b> | <b>10.16344</b> | <b>10.21337</b> |
| Stddev | .090573         | .023762         | .037073         | .103415         | .041853         | .09001          | .02134          |
| %RSD   | 1.770829        | .4690345        | .7313694        | 1.996455        | .8132693        | .8855951        | .2089402        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.184347 | 5.081111 | 5.095107 | 5.259296 | 5.179909 | 10.16118 | 10.21959 |
| #2 | 5.012329 | 5.038730 | 5.026584 | 5.062995 | 5.099381 | 10.25456 | 10.23092 |
| #3 | 5.147509 | 5.078542 | 5.085377 | 5.217570 | 5.159430 | 10.07458 | 10.18962 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2578349</b> | <b>2.547958</b> | <b>25.65230</b> | <b>1.041177</b> | <b>2.531633</b> | <b>1.271750</b> | <b>5.132335</b> |
| Stddev | .0113016        | .020455         | .08313          | .012021         | .005278         | .064161         | .015281         |
| %RSD   | 4.383287        | .8027801        | .3240831        | 1.154514        | .2084920        | 5.045123        | .2977335        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2675778 | 2.561500 | 25.67771 | 1.043303 | 2.532094 | 1.329352 | 5.129195 |
| #2 | .2454445 | 2.524428 | 25.71976 | 1.028235 | 2.526140 | 1.202598 | 5.148941 |
| #3 | .2604823 | 2.557945 | 25.55942 | 1.051993 | 2.536666 | 1.283299 | 5.118867 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.562898</b> | <b>25.63740</b> | <b>2.522667</b> | <b>1.300362</b> | <b>25.51918</b> | <b>2.566986</b> | <b>2.602777</b> |
| Stddev | .009442         | .11713          | .008362         | .021809         | 2.26607         | .018415         | .080588         |
| %RSD   | .3684027        | .4568603        | .3314572        | 1.677139        | 8.879881        | .7173748        | 3.096234        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.564559 | 25.60406 | 2.526938 | 1.289423 | 25.64011 | 2.562474 | 2.580775 |
| #2 | 2.571400 | 25.76758 | 2.513033 | 1.286189 | 23.19507 | 2.587238 | 2.535475 |
| #3 | 2.552736 | 25.54056 | 2.528031 | 1.325476 | 27.72237 | 2.551247 | 2.692081 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>26.91633</b> | <b>5.214162</b> | <b>5.038712</b> | <b>5.106949</b> | <b>5.200978</b> | <b>5.108223</b> | <b>5.092083</b> |
| Stddev | 2.32620         | .105874         | .233837         | .010738         | .135713         | .277819         | .036294         |
| %RSD   | 8.642356        | 2.030516        | 4.640815        | .2102599        | 2.609377        | 5.438654        | .7127445        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.27942 | 5.294337 | 5.226210 | 5.110861 | 5.302143 | 5.269816 | 5.118972 |
| #2 | 25.89044 | 5.094147 | 4.776697 | 5.094804 | 5.046750 | 4.787429 | 5.050801 |
| #3 | 29.57913 | 5.254001 | 5.113228 | 5.115182 | 5.254040 | 5.267425 | 5.106478 |

Sample Name: CCV03      Acquired: 6/25/2025 18:00:27      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.137188 | 5.035673 | 5.193752 |
| Stddev | .019694  | .047765  | .015784  |
| %RSD   | .3833566 | .9485348 | .3039028 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.127679 | 5.066000 | 5.194880 |
| #2 | 5.159832 | 5.060407 | 5.208943 |
| #3 | 5.124054 | 4.980614 | 5.177435 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4785.328 | 35801.58 | 2068.444 | 3189.774 | 4916.374 |
| Stddev    | 184.704  | 4049.24  | 184.851  | 320.573  | 189.045  |
| %RSD      | 3.859801 | 11.31021 | 8.936724 | 10.05002 | 3.845207 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4660.173 | 39840.29 | 2191.739 | 3511.108 | 4791.328 |
| #2 | 4997.464 | 35822.56 | 2157.689 | 3188.247 | 5133.850 |
| #3 | 4698.347 | 31741.90 | 1855.903 | 2869.968 | 4823.943 |

Sample Name: CCB03      Acquired: 6/25/2025 18:07:39      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002604</b> | <b>-.001841</b> | <b>-.000035</b> | <b>.0012202</b> | <b>.0010596</b> | <b>.0220657</b> |
| Stddev | .000704         | .001217         | .001753         | .0029540        | .0013287        | .0292336        |
| %RSD   | 27.01852        | 66.09824        | 5067.499        | 242.0838        | 125.4021        | 132.4843        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001886</b> | <b>-.000553</b> | <b>.000739</b>  | <b>.0044709</b> | <b>.0000920</b> | <b>.0526414</b> |
| #2 | <b>-.002633</b> | <b>-.001998</b> | <b>-.002041</b> | <b>.0004899</b> | <b>.0005122</b> | <b>.0191651</b> |
| #3 | <b>-.003293</b> | <b>-.002972</b> | <b>.001199</b>  | <b>-.001300</b> | <b>.0025745</b> | <b>-.005609</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001048</b> | <b>.0000643</b> | <b>.0000447</b> | <b>-.007490</b> | <b>-.000320</b> | <b>.0002296</b> |
| Stddev | .0007420        | .0001460        | .0000653        | .022556         | .000716         | .0001164        |
| %RSD   | 708.2448        | 227.2066        | 146.0394        | 301.1525        | 223.3547        | 50.71095        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000738</b> | <b>-.000039</b> | <b>.0000588</b> | <b>-.033442</b> | <b>.000317</b>  | <b>.0003246</b> |
| #2 | <b>.000661</b>  | <b>.000231</b>  | <b>-.000026</b> | <b>.003580</b>  | <b>-.001094</b> | <b>.0002644</b> |
| #3 | <b>.000391</b>  | <b>.000000</b>  | <b>.000102</b>  | <b>.007392</b>  | <b>-.000184</b> | <b>.0000997</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001792</b> | <b>.0118282</b> | <b>.0015319</b> | <b>.0148539</b> | <b>.0004233</b> | <b>-.000007</b> |
| Stddev | .0000419        | .0125428        | .0012275        | .0487884        | .0003378        | .001639         |
| %RSD   | 23.38724        | 106.0409        | 80.12518        | 328.4547        | 79.79751        | 25034.60        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001310</b> | <b>.0116685</b> | <b>.0024609</b> | <b>-.038109</b> | <b>.0007586</b> | <b>-.001873</b> |
| #2 | <b>.0001989</b> | <b>-.000634</b> | <b>.0001404</b> | <b>.024708</b>  | <b>.0000830</b> | <b>.001201</b>  |
| #3 | <b>.0002076</b> | <b>.024450</b>  | <b>.0019945</b> | <b>.057963</b>  | <b>.0004284</b> | <b>.000652</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0487683</b> | <b>.0003801</b> | <b>-.001157</b> | <b>.0058101</b> | <b>.0017258</b> | <b>.0048844</b> |
| Stddev | .0120418        | .0101091        | .000149         | .0007624        | .0032834        | .0015556        |
| %RSD   | 24.69188        | 2659.968        | 12.85607        | 13.12128        | 190.2591        | 31.84927        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0349151</b> | <b>.0018191</b> | <b>-.001287</b> | <b>.0056532</b> | <b>.0022187</b> | <b>.0066019</b> |
| #2 | <b>.0567302</b> | <b>.0096925</b> | <b>-.000995</b> | <b>.0051383</b> | <b>-.001776</b> | <b>.0044812</b> |
| #3 | <b>.0546597</b> | <b>-.010372</b> | <b>-.001190</b> | <b>.0066387</b> | <b>.004735</b>  | <b>.0035700</b> |

Sample Name: CCB03      Acquired: 6/25/2025 18:07:39      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000243</b> | <b>-.000512</b> | <b>.0049254</b> | <b>-.001248</b> | <b>-.000977</b> | <b>F -.014279</b> |
| Stddev | .000608         | .001215         | .0008364        | .000918         | .003668         | .004924           |
| %RSD   | 250.2336        | 237.3070        | 16.98155        | 73.58849        | 375.5904        | 34.48314          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000941</b> | <b>-.000160</b> | <b>.0058563</b> | <b>-.000874</b> | <b>.001856</b>  | <b>-.015092</b> |
| #2 | <b>.000168</b>  | <b>-.001864</b> | <b>.0046826</b> | <b>-.002294</b> | <b>-.005120</b> | <b>-.018746</b> |
| #3 | <b>.000044</b>  | <b>.000488</b>  | <b>.0042373</b> | <b>-.000576</b> | <b>.000334</b>  | <b>-.009000</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0001682</b> |
| Stddev | .0000616        |
| %RSD   | 36.64952        |

|    |                 |
|----|-----------------|
| #1 | <b>.0001143</b> |
| #2 | <b>.0002354</b> |
| #3 | <b>.0001548</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>5197.740</b> | <b>41688.04</b> | <b>2213.268</b> | <b>3658.886</b> | <b>5854.014</b> |
| Stddev    | 7.934           | 92.04           | 9.174           | 14.598          | 9.880           |
| %RSD      | .1526342        | .2207935        | .4145084        | .3989617        | .1687675        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5200.891 | 41719.90 | 2202.770 | 3670.903 | 5860.096 |
| #2 | 5188.715 | 41584.29 | 2217.288 | 3642.641 | 5842.614 |
| #3 | 5203.614 | 41759.91 | 2219.746 | 3663.112 | 5859.331 |

Sample Name: Q2367-04      Acquired: 6/25/2025 18:12:09      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.020523</b> | <b>.0054483</b> | <b>.0081255</b> | <b>-.022325</b> | <b>.0084018</b> | <b>.0367576</b> | <b>.4554493</b> |
| Stddev | .001672         | .0001782        | .0010535        | .006635         | .0010700        | .0290408        | .0012957        |
| %RSD   | 8.147601        | 3.271105        | 12.96520        | 29.71956        | 12.73510        | 79.00640        | .2844822        |
| #1     | <b>-.021897</b> | <b>.0053600</b> | <b>.0072540</b> | <b>-.014949</b> | <b>.0094334</b> | <b>.0097426</b> | <b>.4543984</b> |
| #2     | <b>-.018661</b> | <b>.0053316</b> | <b>.0078262</b> | <b>-.024216</b> | <b>.0072971</b> | <b>.0674701</b> | <b>.4568970</b> |
| #3     | <b>-.021011</b> | <b>.0056535</b> | <b>.0092962</b> | <b>-.027808</b> | <b>.0084749</b> | <b>.0330601</b> | <b>.4550526</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000387</b> | <b>.0003230</b> | <b>90.43569</b> | <b>.0031722</b> | <b>.0228030</b> | <b>.0181161</b> | <b>.4384643</b> |
| Stddev | .000003         | .0000480        | .17641          | .0009742        | .0000446        | .0006681        | .0333169        |
| %RSD   | .8053409        | 14.85260        | .1950720        | 30.71125        | .1956483        | 3.687716        | 7.598542        |
| #1     | <b>-.000388</b> | <b>.0003327</b> | <b>90.35969</b> | <b>.0026706</b> | <b>.0228395</b> | <b>.0188875</b> | <b>.4004854</b> |
| #2     | <b>-.000384</b> | <b>.0003654</b> | <b>90.63737</b> | <b>.0025510</b> | <b>.0228163</b> | <b>.0177417</b> | <b>.4521420</b> |
| #3     | <b>-.000390</b> | <b>.0002709</b> | <b>90.31002</b> | <b>.0042950</b> | <b>.0227533</b> | <b>.0177193</b> | <b>.4627656</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.443131</b> | <b>16.66060</b> | <b>.0051477</b> | <b>-.000332</b> | <b>382.6577</b> | <b>-.006061</b> | <b>.0872932</b> |
| Stddev | .010487         | .14735          | .0001513        | .001715         | 2.5178          | .007350         | .0002449        |
| %RSD   | .2360345        | .8844429        | 2.939051        | 515.9314        | .6579716        | 121.2591        | .2805341        |
| #1     | <b>4.435588</b> | <b>16.49186</b> | <b>.0051302</b> | <b>.000933</b>  | <b>385.4214</b> | <b>-.008266</b> | <b>.0874253</b> |
| #2     | <b>4.455107</b> | <b>16.76387</b> | <b>.0053069</b> | <b>.000354</b>  | <b>380.4944</b> | <b>-.012056</b> | <b>.0874436</b> |
| #3     | <b>4.438698</b> | <b>16.72608</b> | <b>.0050059</b> | <b>-.002285</b> | <b>382.0574</b> | <b>.002139</b>  | <b>.0870106</b> |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.480648</b> | <b>.0321563</b> | <b>.0363894</b> | <b>.0023137</b> | <b>1.039478</b> | <b>1.703459</b> | <b>.0065950</b> |
| Stddev | .016868         | .0035461        | .0014440        | .0005253        | .004794         | .006320         | .0003801        |
| %RSD   | .6799882        | 11.02759        | 3.968103        | 22.70300        | .4611554        | .3709971        | 5.762901        |
| #1     | <b>2.495195</b> | <b>.0281814</b> | <b>.0362780</b> | <b>.0027076</b> | <b>1.038057</b> | <b>1.708680</b> | <b>.0069630</b> |
| #2     | <b>2.484591</b> | <b>.0332924</b> | <b>.0350043</b> | <b>.0025163</b> | <b>1.044821</b> | <b>1.705264</b> | <b>.0062039</b> |
| #3     | <b>2.462158</b> | <b>.0349951</b> | <b>.0378858</b> | <b>.0017173</b> | <b>1.035555</b> | <b>1.696433</b> | <b>.0066180</b> |

Sample Name: Q2367-04      Acquired: 6/25/2025 18:12:09      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005242</b> | <b>-.030634</b> | <b>.3357722</b> |
| Stddev | .001793         | .008758         | .0016490        |
| %RSD   | 34.21145        | 28.58987        | .4910949        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003293</b> | <b>-.021206</b> | <b>.3354559</b> |
| #2 | <b>-.006822</b> | <b>-.038517</b> | <b>.3375564</b> |
| #3 | <b>-.005611</b> | <b>-.032179</b> | <b>.3343043</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>4996.976</b> | <b>39563.28</b> | <b>2246.953</b> | <b>3542.981</b> | <b>4971.326</b> |
| Stddev    | 4.858           | 154.54          | 8.858           | 16.995          | 3.356           |
| %RSD      | .0972190        | .3906154        | .3942396        | .4796761        | .0675158        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5002.439</b> | <b>39723.57</b> | <b>2239.480</b> | <b>3562.512</b> | <b>4974.192</b> |
| #2 | <b>4993.143</b> | <b>39551.07</b> | <b>2244.641</b> | <b>3534.865</b> | <b>4967.633</b> |
| #3 | <b>4995.345</b> | <b>39415.21</b> | <b>2256.738</b> | <b>3531.565</b> | <b>4972.152</b> |

Sample Name: Q2386-02      Acquired: 6/25/2025 18:16:40      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.014767</b> | <b>.0004601</b> | <b>.0116575</b> | <b>-.010540</b> | <b>.0028539</b> | <b>.0770888</b> | <b>.5134334</b> |
| Stddev | .002489         | .0018720        | .0027830        | .003341         | .0023480        | .0121289        | .0039033        |
| %RSD   | 16.85824        | 406.8631        | 23.87327        | 31.70327        | 82.27386        | 15.73361        | .7602287        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.015570</b> | <b>.0018395</b> | <b>.0084466</b> | <b>-.006700</b> | <b>.0054929</b> | <b>.0906711</b> | <b>.5172975</b> |
| #2 | <b>-.011975</b> | <b>-.001671</b> | <b>.0131500</b> | <b>-.012787</b> | <b>.0020727</b> | <b>.0732558</b> | <b>.5094921</b> |
| #3 | <b>-.016755</b> | <b>.001212</b>  | <b>.0133758</b> | <b>-.012133</b> | <b>.0009961</b> | <b>.0673396</b> | <b>.5135105</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001859</b> | <b>.0027410</b> | <b>27.38281</b> | <b>.0033241</b> | <b>.0196134</b> | <b>.0230732</b> | <b>.0400879</b> |
| Stddev | .0000680        | .0000165        | .24658          | .0003191        | .0002434        | .0009214        | .0121964        |
| %RSD   | 36.57395        | .6004076        | .9004827        | 9.600591        | 1.240976        | 3.993229        | 30.42409        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0002628</b> | <b>.0027566</b> | <b>27.58515</b> | <b>.0031344</b> | <b>.0198696</b> | <b>.0231562</b> | <b>.0508584</b> |
| #2 | <b>.0001337</b> | <b>.0027424</b> | <b>27.10816</b> | <b>.0036925</b> | <b>.0195855</b> | <b>.0221131</b> | <b>.0268446</b> |
| #3 | <b>.0001612</b> | <b>.0027238</b> | <b>27.45511</b> | <b>.0031453</b> | <b>.0193852</b> | <b>.0239502</b> | <b>.0425608</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.887235</b> | <b>4.484677</b> | <b>.0103270</b> | <b>.0000895</b> | <b>338.7368</b> | <b>-.011681</b> | <b>.4001682</b> |
| Stddev | .016618         | .022248         | .0000117        | .0007505        | 1.9517          | .002134         | .0010243        |
| %RSD   | .8805434        | .4960959        | .1134651        | 838.4251        | .5761574        | 18.27005        | .2559552        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.895514</b> | <b>4.471628</b> | <b>.0103162</b> | <b>.0008280</b> | <b>340.9874</b> | <b>-.013631</b> | <b>.3990301</b> |
| #2 | <b>1.868104</b> | <b>4.510366</b> | <b>.0103394</b> | <b>.0001129</b> | <b>337.5114</b> | <b>-.012012</b> | <b>.4010159</b> |
| #3 | <b>1.898087</b> | <b>4.472036</b> | <b>.0103253</b> | <b>-.000672</b> | <b>337.7116</b> | <b>-.009401</b> | <b>.4004587</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.082496</b> | <b>.0193385</b> | <b>.1042106</b> | <b>.0014141</b> | <b>1.753309</b> | <b>2.091439</b> | <b>.0013935</b> |
| Stddev | .031570         | .0011980        | .0013796        | .0002367        | .001671         | .024290         | .0009989        |
| %RSD   | 1.515978        | 6.194843        | 1.323834        | 16.73972        | .0953128        | 1.161412        | 71.68574        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.094454</b> | <b>.0179828</b> | <b>.1055689</b> | <b>.0012892</b> | <b>1.751383</b> | <b>2.098727</b> | <b>.0011416</b> |
| #2 | <b>2.046694</b> | <b>.0197781</b> | <b>.1028107</b> | <b>.0016871</b> | <b>1.754172</b> | <b>2.064339</b> | <b>.0005446</b> |
| #3 | <b>2.106341</b> | <b>.0202546</b> | <b>.1042521</b> | <b>.0012660</b> | <b>1.754372</b> | <b>2.111251</b> | <b>.0024942</b> |

Sample Name: Q2386-02      Acquired: 6/25/2025 18:16:40      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003002 | -.028579 | .1398624 |
| Stddev | .0040078 | .003811  | .0010267 |
| %RSD   | 1335.225 | 13.33528 | .7340809 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0045612 | -.032933 | .1408319 |
| #2 | -.000267 | -.025852 | .1387867 |
| #3 | -.003394 | -.026951 | .1399684 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5114.318 | 40231.30 | 2283.035 | 3602.562 | 5187.396 |
| Stddev    | 14.199   | 157.11   | 19.949   | 19.223   | 12.274   |
| %RSD      | .2776390 | .3905237 | .8737714 | .5336042 | .2366148 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5099.293 | 40332.45 | 2277.154 | 3616.877 | 5176.397 |
| #2 | 5116.146 | 40050.30 | 2305.262 | 3580.712 | 5185.156 |
| #3 | 5127.514 | 40311.16 | 2266.687 | 3610.095 | 5200.636 |

Sample Name: Q2392-01      Acquired: 6/25/2025 18:21:12      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0498807</b> | <b>-.009493</b> | <b>.1837934</b> | <b>.0182013</b> | <b>.0120077</b> | <b>25.45466</b> | <b>.5295080</b> |
| Stddev | .0042259        | .001325         | .0008518        | .0009761        | .0026803        | .16877          | .0022317        |
| %RSD   | 8.472093        | 13.95484        | .4634443        | 5.362522        | 22.32138        | .6630062        | .4214741        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0512726 | -.009424 | .1840826 | .0172890 | .0089647 | 25.30918 | .5279560 |
| #2 | .0532352 | -.010850 | .1828346 | .0180843 | .0130404 | 25.41513 | .5285024 |
| #3 | .0451344 | -.008204 | .1844629 | .0192305 | .0140181 | 25.63969 | .5320656 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0096163</b> | <b>-.001493</b> | <b>38.96649</b> | <b>.0642095</b> | <b>.0747131</b> | <b>.4188453</b> | <b>80.12615</b> |
| Stddev | .0001128        | .000065         | .20384          | .0004256        | .0000263        | .0001039        | .35951          |
| %RSD   | 1.172979        | 4.331004        | .5231200        | .6628545        | .0351599        | .0248063        | .4486815        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0095038 | -.001507 | 38.87187 | .0640497 | .0746898 | .4188881 | 79.84682 |
| #2 | .0096156 | -.001422 | 38.82715 | .0646919 | .0747080 | .4189209 | 79.99985 |
| #3 | .0097294 | -.001549 | 39.20045 | .0638870 | .0747416 | .4187268 | 80.53176 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4738254</b> | <b>3.711295</b> | <b>.1100384</b> | <b>-.003428</b> | <b>2.499617</b> | <b>.2190268</b> | <b>.1859646</b> |
| Stddev | .0042164        | .039635         | .0001798        | .001226         | .013642         | .0039496        | .0011019        |
| %RSD   | .8898712        | 1.067961        | .1633972        | 35.75395        | .5457589        | 1.803270        | .5925337        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4703832 | 3.666770 | .1099822 | -.003221 | 2.503797 | .2188834 | .1847938 |
| #2 | .4725646 | 3.742727 | .1098934 | -.002319 | 2.484374 | .2230462 | .1861188 |
| #3 | .4785284 | 3.724387 | .1102396 | -.004744 | 2.510679 | .2151508 | .1869814 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.833958</b> | <b>2.086927</b> | <b>.0454457</b> | <b>.0174284</b> | <b>5.178718</b> | <b>4.594427</b> | <b>.0096728</b> |
| Stddev | .026345         | .002866         | .0007909        | .0000841        | .007812         | .026983         | .0005133        |
| %RSD   | .4515798        | .1373325        | 1.740227        | .4826239        | .1508421        | .5873000        | 5.306401        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.828322 | 2.084447 | .0460441 | .0174373 | 5.177370 | 4.601850 | .0093555 |
| #2 | 5.810888 | 2.086269 | .0457439 | .0173401 | 5.171667 | 4.564509 | .0102650 |
| #3 | 5.862665 | 2.090064 | .0445491 | .0175077 | 5.187115 | 4.616921 | .0093979 |

Sample Name: Q2392-01      Acquired: 6/25/2025 18:21:12      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.386101</b> | <b>.0622658</b> | <b>.7762568</b> |
| Stddev | .004518         | .0023025        | .0027718        |
| %RSD   | .3259535        | 3.697917        | .3570683        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.383242</b> | <b>.0619103</b> | <b>.7739093</b> |
| #2 | <b>1.383752</b> | <b>.0601617</b> | <b>.7755465</b> |
| #3 | <b>1.391310</b> | <b>.0647254</b> | <b>.7793146</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>5905.968</b> | <b>47407.21</b> | <b>2549.271</b> | <b>4188.700</b> | <b>5597.876</b> |
| Stddev    | 13.452          | 301.67          | 8.123           | 28.527          | 7.102           |
| %RSD      | .2277634        | .6363405        | .3186450        | .6810539        | .1268767        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5900.333</b> | <b>47739.57</b> | <b>2553.797</b> | <b>4219.755</b> | <b>5598.931</b> |
| #2 | <b>5896.251</b> | <b>47331.36</b> | <b>2554.124</b> | <b>4182.686</b> | <b>5590.305</b> |
| #3 | <b>5921.321</b> | <b>47150.71</b> | <b>2539.894</b> | <b>4163.659</b> | <b>5604.392</b> |

Sample Name: Q2381-01DLX5      Acquired: 6/25/2025 18:29:57      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0242026</b> | <b>-.010449</b> | <b>.1659279</b> | <b>.0338441</b> | <b>.0110357</b> | <b>55.65605</b> | <b>.2840446</b> |
| Stddev | .0014508        | .000459         | .0045440        | .0029097        | .0030827        | .23685          | .0007744        |
| %RSD   | 5.994446        | 4.390798        | 2.738545        | 8.597330        | 27.93419        | .4255540        | .2726418        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0236934 | -.010142 | .1711536 | .0304851 | .0133768 | 55.92877 | .2833876 |
| #2 | .0230750 | -.010229 | .1637234 | .0355884 | .0075429 | 55.53750 | .2848985 |
| #3 | .0258394 | -.010977 | .1629067 | .0354589 | .0121874 | 55.50190 | .2838479 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0038829</b> | <b>-.002102</b> | <b>16.18333</b> | <b>.0782150</b> | <b>.0663106</b> | <b>.1598966</b> | <b>115.8054</b> |
| Stddev | .0001438        | .000060         | .02797          | .0005938        | .0008918        | .0001640        | .4647           |
| %RSD   | 3.704062        | 2.874202        | .1728600        | .7591791        | 1.344935        | .1025807        | .4012469        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037302 | -.002149 | 16.15277 | .0787864 | .0673390 | .1597333 | 116.2830 |
| #2 | .0039026 | -.002034 | 16.20769 | .0782575 | .0658424 | .1598950 | 115.7783 |
| #3 | .0040158 | -.002122 | 16.18951 | .0776011 | .0657504 | .1600613 | 115.3549 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.698680</b> | <b>16.33542</b> | <b>.0727117</b> | <b>-.005759</b> | <b>.7265742</b> | <b>.2797321</b> | <b>.3075708</b> |
| Stddev | .009421         | .14250          | .0011046        | .000648         | .0130788        | .0068287        | .0014934        |
| %RSD   | .3490882        | .8723290        | 1.519101        | 11.25294        | 1.800062        | 2.441160        | .4855573        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.709082 | 16.17212 | .0738398 | -.005784 | .7357233 | .2766381 | .3081440 |
| #2 | 2.696233 | 16.39965 | .0726631 | -.006395 | .7324052 | .2875602 | .3086927 |
| #3 | 2.690723 | 16.43450 | .0716323 | -.005099 | .7115941 | .2749981 | .3058757 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.523855</b> | <b>2.477158</b> | <b>.0436233</b> | <b>.0024518</b> | <b>1.358568</b> | <b>3.497421</b> | <b>.0045835</b> |
| Stddev | .006374         | .030711         | .0004925        | .0002935        | .020932         | .010386         | .0006897        |
| %RSD   | .2525529        | 1.239778        | 1.128938        | 11.96993        | 1.540739        | .2969709        | 15.04729        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.518737 | 2.511578 | .0432943 | .0025580 | 1.381814 | 3.500718 | .0046111 |
| #2 | 2.530995 | 2.467338 | .0441895 | .0026775 | 1.352679 | 3.505758 | .0052591 |
| #3 | 2.521833 | 2.452558 | .0433860 | .0021201 | 1.341212 | 3.485786 | .0038805 |

Sample Name: Q2381-01DLX5      Acquired: 6/25/2025 18:29:57      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.930382 | .0348072 | .0586731 |
| Stddev | .005564  | .0033558 | .0004039 |
| %RSD   | .2882199 | 9.641064 | .6884410 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.936515 | .0323664 | .0591262 |
| #2 | 1.928975 | .0386340 | .0583508 |
| #3 | 1.925658 | .0334213 | .0585423 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5510.944 | 43897.24 | 2387.200 | 3910.545 | 5442.541 |
| Stddev    | 12.472   | 74.71    | 13.400   | 8.456    | 18.788   |
| %RSD      | .2263104 | .1701974 | .5613366 | .2162286 | .3452060 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5505.017 | 43900.34 | 2402.434 | 3911.598 | 5428.387 |
| #2 | 5525.274 | 43970.35 | 2381.927 | 3918.425 | 5463.856 |
| #3 | 5502.540 | 43821.03 | 2377.238 | 3901.612 | 5435.378 |

Sample Name: Q2381-01DUPDLX5      Acquired: 6/25/2025 18:34:13      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0232325</b> | <b>-.008742</b> | <b>.1654146</b> | <b>.0350565</b> | <b>.0088409</b> | <b>54.26819</b> | <b>.2755099</b> |
| Stddev | .0016159        | .000459         | .0032212        | .0027215        | .0012022        | .14917          | .0011456        |
| %RSD   | 6.955437        | 5.255219        | 1.947336        | 7.763129        | 13.59816        | .2748669        | .4158237        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0234595 | -.008780 | .1684093 | .0373648 | .0086710 | 54.10248 | .2767379 |
| #2 | .0247229 | -.008265 | .1658276 | .0357490 | .0077327 | 54.31037 | .2753220 |
| #3 | .0215151 | -.009182 | .1620068 | .0320557 | .0101191 | 54.39173 | .2744699 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0039331</b> | <b>-.001953</b> | <b>15.75984</b> | <b>.0763305</b> | <b>.0665060</b> | <b>.1552998</b> | <b>112.7328</b> |
| Stddev | .0001168        | .000026         | .01895          | .0007061        | .0011017        | .0008748        | .1675           |
| %RSD   | 2.970434        | 1.329782        | .1202699        | .9250156        | 1.656583        | .5632710        | .1485918        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039095 | -.001946 | 15.76640 | .0759055 | .0676825 | .1543529 | 112.5781 |
| #2 | .0038299 | -.001982 | 15.73848 | .0771456 | .0663367 | .1554689 | 112.9107 |
| #3 | .0040599 | -.001931 | 15.77464 | .0759406 | .0654987 | .1560778 | 112.7097 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.628108</b> | <b>15.84859</b> | <b>.0718048</b> | <b>-.006862</b> | <b>.7114202</b> | <b>.2769827</b> | <b>.3015074</b> |
| Stddev | .007325         | .04476          | .0008079        | .000383         | .0087712        | .0012106        | .0008526        |
| %RSD   | .2787234        | .2824069        | 1.125204        | 5.585049        | 1.232914        | .4370805        | .2827739        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.622395 | 15.80421 | .0726563 | -.006454 | .7019580 | .2782947 | .3023450 |
| #2 | 2.625564 | 15.89371 | .0717091 | -.006917 | .7192792 | .2759087 | .3006406 |
| #3 | 2.636366 | 15.84784 | .0710489 | -.007214 | .7130234 | .2767447 | .3015367 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.442197</b> | <b>2.445575</b> | <b>.0429968</b> | <b>.0023771</b> | <b>1.338141</b> | <b>3.383599</b> | <b>.0055996</b> |
| Stddev | .005565         | .014128         | .0016418        | .0004195        | .012192         | .032309         | .0007327        |
| %RSD   | .2278818        | .5776777        | 3.818422        | 17.64614        | .9111164        | .9548818        | 13.08520        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.436628 | 2.460590 | .0444217 | .0026721 | 1.349529 | 3.351426 | .0060088 |
| #2 | 2.447759 | 2.443590 | .0433674 | .0018969 | 1.339614 | 3.416043 | .0047537 |
| #3 | 2.442205 | 2.432545 | .0412014 | .0025624 | 1.325279 | 3.383328 | .0060363 |

Sample Name: Q2381-01DUPDLX5      Acquired: 6/25/2025 18:34:13      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.883334 | .0278094 | .0572324 |
| Stddev | .004833  | .0037259 | .0002330 |
| %RSD   | .2565998 | 13.39782 | .4071889 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.878504 | .0319372 | .0571614 |
| #2 | 1.888169 | .0267957 | .0574927 |
| #3 | 1.883327 | .0246953 | .0570431 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5492.258 | 43545.52 | 2392.702 | 3868.144 | 5417.380 |
| Stddev    | 7.778    | 50.42    | 23.009   | 10.141   | 4.850    |
| %RSD      | .1416183 | .1157885 | .9616211 | .2621688 | .0895191 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5496.908 | 43573.42 | 2418.952 | 3879.825 | 5417.038 |
| #2 | 5496.588 | 43487.31 | 2383.132 | 3863.005 | 5422.391 |
| #3 | 5483.279 | 43575.82 | 2376.023 | 3861.600 | 5412.710 |

Sample Name: Q2381-01LDLX25      Acquired: 6/25/2025 18:38:30      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066005 | -.002567 | .0320014 | .0062284 | .0004899 | 10.67847 | .0512165 |
| Stddev | .0015420 | .002533  | .0012450 | .0027692 | .0007020 | .05819   | .0009310 |
| %RSD   | 23.36255 | 98.66479 | 3.890608 | 44.46046 | 143.2821 | .5449651 | 1.817684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0059043 | -.005372 | .0333939 | .0076426 | .0005606 | 10.66769 | .0520367 |
| #2 | .0083678 | -.000448 | .0316145 | .0080048 | .0011539 | 10.74130 | .0502046 |
| #3 | .0055292 | -.001881 | .0309957 | .0030377 | -.000245 | 10.62642 | .0514083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007362 | -.000453 | 3.046243 | .0143876 | .0125483 | .0315213 | 22.05927 |
| Stddev | .0001115 | .000020  | .031533  | .0008053 | .0004649 | .0004332 | .09291   |
| %RSD   | 15.14026 | 4.457808 | 1.035158 | 5.596965 | 3.704965 | 1.374422 | .4211977 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006932 | -.000444 | 3.052658 | .0152397 | .0121274 | .0317665 | 22.03152 |
| #2 | .0006528 | -.000476 | 3.074075 | .0136392 | .0124703 | .0310211 | 22.16290 |
| #3 | .0008628 | -.000439 | 3.011995 | .0142837 | .0130473 | .0317764 | 21.98340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5198728 | 3.174414 | .0133250 | -.000678 | .1773637 | .0464793 | .0579044 |
| Stddev | .0051749 | .038620  | .0003669 | .000528  | .0098451 | .0100117 | .0002869 |
| %RSD   | .9954230 | 1.216610 | 2.753096 | 77.82843 | 5.550803 | 21.54014 | .4955410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5180141 | 3.144403 | .0136936 | -.000897 | .1886658 | .0354509 | .0577537 |
| #2 | .5257204 | 3.217986 | .0129599 | -.001061 | .1706526 | .0489911 | .0582353 |
| #3 | .5158840 | 3.160853 | .0133214 | -.000076 | .1727728 | .0549959 | .0577243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4267767 | .4440798 | .0036932 | .0002342 | .2404811 | .7674790 | .0000753 |
| Stddev | .0027399 | .0013468 | .0004768 | .0000191 | .0030400 | .0160500 | .0006584 |
| %RSD   | .6420066 | .3032911 | 12.91114 | 8.155320 | 1.264126 | 2.091268 | 873.8848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4262837 | .4428954 | .0039851 | .0002124 | .2370914 | .7615490 | .0002605 |
| #2 | .4243167 | .4455449 | .0031430 | .0002478 | .2413862 | .7552377 | .0006212 |
| #3 | .4297297 | .4437992 | .0039516 | .0002424 | .2429657 | .7856502 | -.000656 |

Sample Name: Q2381-01LDLX25      Acquired: 6/25/2025 18:38:30      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3628508 | -.009216 | .0110601 |
| Stddev | .0036998 | .005495  | .0000660 |
| %RSD   | 1.019640 | 59.61996 | .5967016 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3634328 | -.006274 | .0109918 |
| #2 | .3662250 | -.015555 | .0111236 |
| #3 | .3588945 | -.005819 | .0110648 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5411.800 | 43234.86 | 2299.349 | 3822.345 | 5836.128 |
| Stddev    | 6.655    | 329.08   | .449     | 31.150   | 7.586    |
| %RSD      | .1229756 | .7611464 | .0195071 | .8149449 | .1299788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5419.467 | 43373.59 | 2299.697 | 3827.363 | 5844.831 |
| #2 | 5407.517 | 42859.13 | 2299.506 | 3788.991 | 5830.919 |
| #3 | 5408.416 | 43471.86 | 2298.842 | 3850.681 | 5832.635 |

Sample Name: Q2381-01MSDLX5      Acquired: 6/25/2025 18:42:54      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.1806922</b> | <b>.3964255</b> | <b>.3714630</b> | <b>.4069599</b> | <b>.0627198</b> | <b>61.27612</b> | <b>.3346964</b> |
| Stddev | .0054253        | .0020278        | .0033430        | .0068727        | .0010170        | .38698          | .0020455        |
| %RSD   | 3.002492        | .5115250        | .8999574        | 1.688782        | 1.621534        | .6315298        | .6111459        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1778083 | .3967165 | .3742190 | .4135643 | .0638813 | 61.34062 | .3339065 |
| #2 | .1869504 | .3982921 | .3724256 | .4074681 | .0622892 | 61.62680 | .3370191 |
| #3 | .1773180 | .3942679 | .3677443 | .3998472 | .0619889 | 60.86095 | .3331637 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0475459</b> | <b>.0380834</b> | <b>15.26645</b> | <b>.1607061</b> | <b>.1114416</b> | <b>.2277941</b> | <b>124.5001</b> |
| Stddev | .0009139        | .0003779        | .08475          | .0017348        | .0010393        | .0036511        | .4653           |
| %RSD   | 1.922238        | .9922283        | .5551544        | 1.079484        | .9326091        | 1.602817        | .3737284        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0467360 | .0384096 | 15.19551 | .1620946 | .1125540 | .2237412 | 124.4121 |
| #2 | .0485368 | .0381712 | 15.36030 | .1612623 | .1112754 | .2308262 | 125.0031 |
| #3 | .0473648 | .0376694 | 15.24355 | .1587614 | .1104954 | .2288150 | 124.0851 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.712701</b> | <b>16.55759</b> | <b>.1806061</b> | <b>.0084937</b> | <b>1.512587</b> | <b>.3616213</b> | <b>.3548463</b> |
| Stddev | .008922         | .07362          | .0025297        | .0006867        | .022457         | .0069552        | .0010051        |
| %RSD   | .3288851        | .4446555        | 1.400701        | 8.084606        | 1.484701        | 1.923343        | .2832490        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.712428 | 16.60816 | .1830272 | .0092597 | 1.497581 | .3551443 | .3549333 |
| #2 | 2.721756 | 16.59149 | .1808109 | .0082883 | 1.538405 | .3689722 | .3558051 |
| #3 | 2.703919 | 16.47313 | .1779802 | .0079332 | 1.501774 | .3607476 | .3538006 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.601013</b> | <b>3.727596</b> | <b>.1064239</b> | <b>.0736334</b> | <b>1.322928</b> | <b>3.221123</b> | <b>.1347926</b> |
| Stddev | .037044         | .033397         | .0017562        | .0011475        | .013492         | .052850         | .0013035        |
| %RSD   | .8051301        | .8959488        | 1.650164        | 1.558456        | 1.019880        | 1.640717        | .9670320        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.588700 | 3.752549 | .1083780 | .0749249 | 1.337418 | 3.170365 | .1362936 |
| #2 | 4.642646 | 3.740582 | .1059161 | .0732442 | 1.320638 | 3.275841 | .1341385 |
| #3 | 4.571694 | 3.689656 | .1049776 | .0727310 | 1.310727 | 3.217164 | .1339457 |

Sample Name: Q2381-01MSDLX5      Acquired: 6/25/2025 18:42:54      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>2.048439</b> | <b>.0760673</b> | <b>.1033947</b> |
| Stddev | .012228         | .0050492        | .0007158        |
| %RSD   | .5969577        | 6.637817        | .6923179        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>2.043708</b> | <b>.0763857</b> | <b>.1035876</b> |
| #2 | <b>2.062326</b> | <b>.0708664</b> | <b>.1039943</b> |
| #3 | <b>2.039283</b> | <b>.0809498</b> | <b>.1026022</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>5516.964</b> | <b>43815.74</b> | <b>2369.520</b> | <b>3899.520</b> | <b>5415.910</b> |
| Stddev    | 5.251           | 414.79          | 20.737          | 33.203          | 4.026           |
| %RSD      | .0951869        | .9466621        | .8751500        | .8514549        | .0743340        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5518.972</b> | <b>43385.94</b> | <b>2375.305</b> | <b>3868.037</b> | <b>5413.733</b> |
| #2 | <b>5520.916</b> | <b>43847.62</b> | <b>2346.505</b> | <b>3896.314</b> | <b>5413.441</b> |
| #3 | <b>5511.005</b> | <b>44213.67</b> | <b>2386.750</b> | <b>3934.209</b> | <b>5420.555</b> |

Sample Name: Q2381-01MSDDLX5      Acquired: 6/25/2025 18:47:10      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890     | Tl1908     | Pb2203     | Se1960     | Sb2068     | Al3961     | Ba4934   |
|--------|------------|------------|------------|------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | s .1810041 | s .3992845 | s .3723133 | s .4402779 | s .0657445 | k 63.84402 | .3504293 |
| Stddev | .0045553   | .0236609   | .0207013   | .0584302   | .0149201   | .89413     | .0047802 |
| %RSD   | 2.516669   | 5.925812   | 5.560194   | 13.27121   | 22.69410   | 1.400499   | 1.364106 |

|    |            |            |            |            |            |            |          |
|----|------------|------------|------------|------------|------------|------------|----------|
| #1 | s .1859470 | s .4266055 | s .3962122 | s .5066230 | s .0825947 | k 64.68545 | .3543822 |
| #2 | .1769750   | .3857234   | .3599426   | .3964831   | .0542107   | 63.94144   | .3517894 |
| #3 | .1800902   | .3855247   | .3607851   | .4177276   | .0604282   | 62.90516   | .3451165 |

| Elem   | Be2348     | Cd2144     | Ca3736   | Cr2677     | Co2286     | Cu3247     | Fe2598   |
|--------|------------|------------|----------|------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | k .0497110 | s .0382052 | 15.98883 | k .1635437 | s .1128206 | k .2358302 | 129.7682 |
| Stddev | .0126162   | .0026678   | .25213   | .0054537   | .0099762   | .0590577   | 1.9035   |
| %RSD   | 25.37912   | 6.982849   | 1.576891 | 3.334704   | 8.842542   | 25.04246   | 1.466814 |

|    |            |            |          |            |            |            |          |
|----|------------|------------|----------|------------|------------|------------|----------|
| #1 | k .0383104 | s .0412828 | 16.20009 | k .1698405 | s .1243382 | k .1826193 | 131.2189 |
| #2 | .0632655   | .0365505   | 16.05669 | .1603239   | .1072428   | .2993715   | 130.4728 |
| #3 | .0475570   | .0367822   | 15.70972 | .1604665   | .1068808   | .2254998   | 127.6129 |

| Elem   | Mn2576     | Mg2790   | Ni2316     | Ag3280     | Na8183  | V_2924     | Zn2138     |
|--------|------------|----------|------------|------------|---------|------------|------------|
| Units  | ppm        | ppm      | ppm        | ppm        | ppm     | ppm        | ppm        |
| Avg    | k 2.827264 | 17.28858 | s .1814899 | k .0104306 | ^ ***** | k .3884975 | k .3678533 |
| Stddev | .039856    | .31077   | .0120561   | .0014240   | -----   | .0079269   | .0227046   |
| %RSD   | 1.409699   | 1.797540 | 6.642836   | 13.65221   | -----   | 2.040400   | 6.172186   |

|    |            |          |            |            |          |            |            |
|----|------------|----------|------------|------------|----------|------------|------------|
| #1 | k 2.862089 | 17.51835 | s .1953438 | k .0120609 | ^ -----  | k .3975149 | k .3940414 |
| #2 | 2.835908   | 17.41241 | .1757466   | .0094302   | 1.932411 | .3826282   | .3558235   |
| #3 | 2.783796   | 16.93499 | .1733792   | .0098007   | 1.495461 | .3853496   | .3536948   |

| Elem   | K_7698  | P_1774     | B_2496     | Mo2020     | S_1820     | Si2516     | Sn1899     |
|--------|---------|------------|------------|------------|------------|------------|------------|
| Units  | ppm     | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | ^ ***** | s 3.788159 | k .1094529 | s .0792484 | s 1.350431 | k 3.349125 | s .1349323 |
| Stddev | -----   | .193553    | .0071382   | .0139186   | .070960    | .818187    | .0085135   |
| %RSD   | -----   | 5.109412   | 6.521715   | 17.56324   | 5.254600   | 24.42988   | 6.309450   |

|    |          |            |            |            |            |            |            |
|----|----------|------------|------------|------------|------------|------------|------------|
| #1 | ^ -----  | s 4.001886 | k .1170677 | s .0953026 | s 1.427872 | k 2.631982 | s .1447611 |
| #2 | 5.972052 | 3.624698   | .1029133   | .0718739   | 1.288527   | 4.240341   | .1301783   |
| #3 | 4.518076 | 3.737893   | .1083777   | .0705688   | 1.334895   | 3.175053   | .1298576   |

Sample Name: Q2381-01MSDDLX5      Acquired: 6/25/2025 18:47:10      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |
|--------|------------|----------|----------|
| Elem   | Ti3361     | Li6707   | Sr4077   |
| Units  | ppm        | ppm      | ppm      |
| Avg    | k 2.145639 | .0732927 | .1079846 |
| Stddev | .039827    | .0050558 | .0012776 |
| %RSD   | 1.856197   | 6.898113 | 1.183093 |

|    |            |          |          |
|----|------------|----------|----------|
| #1 | k 2.179519 | .0786751 | .1090916 |
| #2 | 2.155632   | .0725594 | .1082756 |
| #3 | 2.101767   | .0686436 | .1065867 |

|           |         |          |          |          |         |
|-----------|---------|----------|----------|----------|---------|
| Int. Std. | Y_2243  | Y_3600   | Y_3710   | Y_2243   | In2306  |
| Units     | Cts/S   | Cts/S    | Cts/S    | Cts/S    | Cts/S   |
| Avg       | ^ ***** | 39564.10 | 2173.888 | 3549.987 | ^ ***** |
| Stddev    | -----   | 6916.75  | 328.149  | 541.699  | -----   |
| %RSD      | -----   | 17.48238 | 15.09500 | 15.25918 | -----   |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | ^ -----  | 31577.96 | 2347.339 | 2924.518 | ^ -----  |
| #2 | 5488.447 | 43470.40 | 1795.414 | 3857.368 | 5414.635 |
| #3 | 5080.970 | 43643.93 | 2378.912 | 3868.077 | 5017.084 |

Sample Name: Q2381-01ADLX5      Acquired: 6/25/2025 18:51:24      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890     | Tl1908     | Pb2203     | Se1960     | Sb2068     | Al3961     | Ba4934   |
|--------|------------|------------|------------|------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        | ppm      |
| Avg    | s .1768662 | s .3990822 | s .3581987 | s .4396848 | s .1785504 | k 53.11329 | .3089772 |
| Stddev | .0128421   | .0257263   | .0246759   | .0628931   | .0301191   | .28287     | .0029482 |
| %RSD   | 7.260897   | 6.446374   | 6.888899   | 14.30412   | 16.86869   | .5325791   | .9541646 |

|    |            |            |            |            |            |            |          |
|----|------------|------------|------------|------------|------------|------------|----------|
| #1 | s .1916304 | s .4287266 | s .3865659 | s .5122871 | s .2133232 | k 53.43991 | .3108124 |
| #2 | .1706812   | .3859183   | .3463347   | .4048716   | .1606194   | 52.95201   | .3105427 |
| #3 | .1682871   | .3826017   | .3416955   | .4018957   | .1617085   | 52.94796   | .3055766 |

| Elem   | Be2348     | Cd2144     | Ca3736   | Cr2677     | Co2286     | Cu3247     | Fe2598   |
|--------|------------|------------|----------|------------|------------|------------|----------|
| Units  | ppm        | ppm        | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | k .0462175 | s .0379290 | 15.59736 | k .1587382 | s .1057898 | k .2157925 | 110.9460 |
| Stddev | .0100889   | .0031382   | .07682   | .0041311   | .0103718   | .0464634   | .7452    |
| %RSD   | 21.82928   | 8.273801   | .4925033 | 2.602441   | 9.804193   | 21.53150   | .6717041 |

|    |            |            |          |            |            |            |          |
|----|------------|------------|----------|------------|------------|------------|----------|
| #1 | k .0370479 | s .0415490 | 15.68217 | k .1591786 | s .1177639 | k .1722084 | 111.1388 |
| #2 | .0570253   | .0362586   | 15.57749 | .1626315   | .1000046   | .2646800   | 111.5758 |
| #3 | .0445792   | .0359793   | 15.53244 | .1544046   | .0996008   | .2104891   | 110.1233 |

| Elem   | Mn2576     | Mg2790   | Ni2316     | Ag3280     | Na8183  | V_2924     | Zn2138     |
|--------|------------|----------|------------|------------|---------|------------|------------|
| Units  | ppm        | ppm      | ppm        | ppm        | ppm     | ppm        | ppm        |
| Avg    | k 2.603299 | 15.82624 | s .1706578 | k .0100235 | ^ ***** | k .3318094 | k .3434573 |
| Stddev | .009986    | .14079   | .0130140   | .0003724   | -----   | .0033290   | .0160493   |
| %RSD   | .3835958   | .8896126 | 7.625793   | 3.715210   | -----   | 1.003291   | 4.672856   |

|    |            |          |            |            |          |            |            |
|----|------------|----------|------------|------------|----------|------------|------------|
| #1 | k 2.605438 | 15.91352 | s .1856315 | k .0104496 | ^ -----  | k .3298939 | k .3546286 |
| #2 | 2.612042   | 15.90139 | .1642684   | .0097604   | 1.519575 | .3356534   | .3506772   |
| #3 | 2.592416   | 15.66382 | .1620734   | .0098605   | 1.237144 | .3298809   | .3250662   |

| Elem   | K_7698  | P_1774     | B_2496     | Mo2020     | S_1820     | Si2516     | Sn1899     |
|--------|---------|------------|------------|------------|------------|------------|------------|
| Units  | ppm     | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | ^ ***** | s 3.569005 | k .0984771 | s .0847332 | s 1.306663 | k 3.720977 | s .1470711 |
| Stddev | -----   | .271185    | .0032631   | .0140332   | .100926    | .747465    | .0120221   |
| %RSD   | -----   | 7.598345   | 3.313576   | 16.56162   | 7.723977   | 20.08786   | 8.174362   |

|    |          |            |            |            |            |            |            |
|----|----------|------------|------------|------------|------------|------------|------------|
| #1 | ^ -----  | s 3.881003 | k .1021479 | s .1009129 | s 1.422776 | k 3.074154 | s .1605627 |
| #2 | 5.178990 | 3.436123   | .0959054   | .0774146   | 1.257234   | 4.539281   | .1431561   |
| #3 | 4.123256 | 3.389890   | .0973782   | .0758722   | 1.239978   | 3.549495   | .1374945   |

Sample Name: Q2381-01ADLX5      Acquired: 6/25/2025 18:51:24      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |
|--------|-------------------|-----------------|-----------------|
| Elem   | Ti3361            | Li6707          | Sr4077          |
| Units  | ppm               | ppm             | ppm             |
| Avg    | <b>k 1.885356</b> | <b>.0614418</b> | <b>.0964893</b> |
| Stddev | .013447           | .0042738        | .0003867        |
| %RSD   | .7132223          | 6.955859        | .4007342        |

|    |                   |                 |                 |
|----|-------------------|-----------------|-----------------|
| #1 | <b>k 1.891873</b> | <b>.0655779</b> | <b>.0966025</b> |
| #2 | <b>1.894302</b>   | <b>.0617050</b> | <b>.0968067</b> |
| #3 | <b>1.869892</b>   | <b>.0570425</b> | <b>.0960587</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>^ *****</b> | <b>39646.99</b> | <b>2264.952</b> | <b>3579.121</b> | <b>^ *****</b> |
| Stddev    | -----          | 5658.49         | 272.526         | 438.041         | -----          |
| %RSD      | -----          | 14.27219        | 12.03229        | 12.23878        | -----          |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>^ -----</b>  | <b>33284.01</b> | <b>2396.455</b> | <b>3093.690</b> | <b>^ -----</b>  |
| #2 | <b>5620.850</b> | <b>41542.80</b> | <b>1951.611</b> | <b>3698.760</b> | <b>5576.900</b> |
| #3 | <b>5622.664</b> | <b>44114.16</b> | <b>2446.790</b> | <b>3944.912</b> | <b>5588.625</b> |

Sample Name: CCV04      Acquired: 6/25/2025 18:55:38      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>5.006425</b> | <b>5.022404</b> | <b>5.028659</b> | <b>5.062847</b> | <b>5.093262</b> | <b>10.21454</b> | <b>10.20851</b> |
| Stddev | .007300         | .003602         | .006223         | .014521         | .008369         | .02625          | .06558          |
| %RSD   | .1458043        | .0717219        | .1237542        | .2868197        | .1643125        | .2569634        | .6424294        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.002718 | 5.018377 | 5.024180 | 5.047662 | 5.084124 | 10.22531 | 10.26744 |
| #2 | 5.001723 | 5.025318 | 5.026031 | 5.064279 | 5.095108 | 10.23368 | 10.22023 |
| #3 | 5.014834 | 5.023518 | 5.035765 | 5.076599 | 5.100554 | 10.18462 | 10.13786 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2692173</b> | <b>2.525698</b> | <b>25.56938</b> | <b>1.044971</b> | <b>2.520272</b> | <b>1.329768</b> | <b>5.149204</b> |
| Stddev | .0022224        | .005080         | .12706          | .011952         | .003008         | .007488         | .017996         |
| %RSD   | .8255224        | .2011232        | .4969295        | 1.143720        | .1193656        | .5630930        | .3494964        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2698294 | 2.521160 | 25.66568 | 1.037538 | 2.516841 | 1.332306 | 5.169922 |
| #2 | .2710695 | 2.524748 | 25.61709 | 1.058757 | 2.521519 | 1.335658 | 5.140240 |
| #3 | .2667529 | 2.531186 | 25.42537 | 1.038618 | 2.522456 | 1.321341 | 5.137450 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.551423</b> | <b>25.63072</b> | <b>2.512099</b> | <b>1.282596</b> | <b>25.87668</b> | <b>2.552644</b> | <b>2.560696</b> |
| Stddev | .011980         | .08706          | .002611         | .016782         | .11870          | .021855         | .026946         |
| %RSD   | .4695350        | .3396802        | .1039178        | 1.308449        | .4586996        | .8561588        | 1.052301        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.563855 | 25.65888 | 2.510599 | 1.269064 | 25.99635 | 2.573465 | 2.539787 |
| #2 | 2.550462 | 25.70022 | 2.510585 | 1.301375 | 25.87470 | 2.554581 | 2.591106 |
| #3 | 2.539953 | 25.53307 | 2.515114 | 1.277350 | 25.75898 | 2.529885 | 2.551195 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.57766</b> | <b>5.096909</b> | <b>5.271911</b> | <b>5.083751</b> | <b>5.061870</b> | <b>5.269522</b> | <b>5.051038</b> |
| Stddev | .28919          | .009759         | .028593         | .004928         | .009428         | .027940         | .007858         |
| %RSD   | 1.130632        | .1914661        | .5423581        | .0969326        | .1862619        | .5302168        | .1555780        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.84314 | 5.086607 | 5.285024 | 5.078772 | 5.051084 | 5.263632 | 5.042348 |
| #2 | 25.62032 | 5.098108 | 5.291594 | 5.088627 | 5.065981 | 5.299938 | 5.053123 |
| #3 | 25.26950 | 5.106014 | 5.239114 | 5.083854 | 5.068545 | 5.244997 | 5.057644 |

Sample Name: CCV04      Acquired: 6/25/2025 18:55:38      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.130176 | 5.043999 | 5.182703 |
| Stddev | .032438  | .042423  | .031878  |
| %RSD   | .6322901 | .8410519 | .6150842 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.159213 | 5.079629 | 5.210808 |
| #2 | 5.136147 | 5.055298 | 5.189237 |
| #3 | 5.095168 | 4.997071 | 5.148064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5017.587 | 40075.28 | 2174.456 | 3547.337 | 5151.556 |
| Stddev    | 16.067   | 311.93   | 16.135   | 27.525   | 17.495   |
| %RSD      | .3202146 | .7783512 | .7420367 | .7759219 | .3396011 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5012.125 | 40228.43 | 2157.500 | 3562.583 | 5145.551 |
| #2 | 5035.673 | 39716.38 | 2176.249 | 3515.563 | 5171.262 |
| #3 | 5004.963 | 40281.02 | 2189.621 | 3563.866 | 5137.854 |

Sample Name: CCB04      Acquired: 6/25/2025 18:59:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010237 | -.001215 | .0008541 | .0006186 | -.003460 | -.007652 |
| Stddev | .0056120 | .000694  | .0004279 | .0002241 | .002552  | .038633  |
| %RSD   | 548.2386 | 57.09619 | 50.09912 | 36.23203 | 73.74526 | 504.8598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0073929 | -.000674 | .0011984 | .0003760 | -.000758 | -.018876 |
| #2 | -.001127 | -.001998 | .0003750 | .0006617 | -.005829 | .035350  |
| #3 | -.003195 | -.000975 | .0009888 | .0008180 | -.003795 | -.039431 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000430 | -.000052 | .0001251 | -.024275 | .0007894 | .0000594 |
| Stddev | .000721  | .000126  | .0000181 | .011987  | .0015738 | .0002683 |
| %RSD   | 167.6048 | 242.6390 | 14.46495 | 49.37963 | 199.3670 | 451.6019 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000212 | -.000138 | .0001402 | -.010434 | -.000154 | .0003672 |
| #2 | -.001235 | .000093  | .0001299 | -.031219 | .002606  | -.000064 |
| #3 | .000156  | -.000111 | .0001050 | -.031173 | -.000084 | -.000125 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000577 | .0008978 | .0008629 | .0491862 | .0003245 | -.000633 |
| Stddev | .000939  | .0214200 | .0010070 | .0237143 | .0006470 | .000812  |
| %RSD   | 162.7665 | 2385.897 | 116.7061 | 48.21345 | 199.3694 | 128.2265 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001408 | -.023748 | .0011490 | .0219109 | .0001014 | .000195  |
| #2 | .000442  | .015020  | -.000256 | .0607222 | -.000181 | -.001428 |
| #3 | -.000765 | .011422  | .001696  | .0649253 | .001054  | -.000667 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0426203 | -.007823 | -.001297 | .0075601 | .0011318 | .0104960 |
| Stddev | .0013776 | .005419  | .000354  | .0012517 | .0004329 | .0011060 |
| %RSD   | 3.232338 | 69.26732 | 27.26653 | 16.55662 | 38.24467 | 10.53692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0421523 | -.012615 | -.000920 | .0088841 | .0016198 | .0117491 |
| #2 | .0441709 | -.008912 | -.001349 | .0074003 | .0009817 | .0096563 |
| #3 | .0415376 | -.001943 | -.001621 | .0063960 | .0007941 | .0100826 |

Sample Name: CCB04      Acquired: 6/25/2025 18:59:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0003859 | .0008977 | .0046722 | -.001197 | -.000730 | F -.017316 |
| Stddev | .0003874 | .0000510 | .0012481 | .000319  | .001242  | .002249    |
| %RSD   | 100.3853 | 5.684009 | 26.71359 | 26.69217 | 170.0950 | 12.98948   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008257 | .0009526 | .0048054 | -.001452 | -.001448 | -.014744 |
| #2 | .0000954 | .0008517 | .0033629 | -.000839 | -.001446 | -.018288 |
| #3 | .0002365 | .0008888 | .0058484 | -.001300 | .000704  | -.018915 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0001388 |
| Stddev | .0001739 |
| %RSD   | 125.2631 |

|    |          |
|----|----------|
| #1 | .0002460 |
| #2 | .0002322 |
| #3 | -.000062 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5158.497 | 41568.93 | 2185.961 | 3646.593 | 5818.191 |
| Stddev    | 2.949    | 130.05   | 7.491    | 11.673   | 9.432    |
| %RSD      | .0571752 | .3128650 | .3426984 | .3201134 | .1621188 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5161.211 | 41639.17 | 2188.836 | 3643.598 | 5826.149 |
| #2 | 5158.923 | 41418.86 | 2177.458 | 3636.709 | 5820.653 |
| #3 | 5155.358 | 41648.77 | 2191.588 | 3659.472 | 5807.772 |

Sample Name: Q2426-01      Acquired: 6/25/2025 19:04:23      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.008840</b> | <b>-.002762</b> | <b>.0837008</b> | <b>-.015978</b> | <b>.0099436</b> | <b>5.117058</b> |
| Stddev | .002375         | .002199         | .0006512        | .002033         | .0028178        | .066736         |
| %RSD   | 26.87054        | 79.60389        | .7780571        | 12.72503        | 28.33792        | 1.304185        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007559</b> | <b>-.005300</b> | <b>.0829489</b> | <b>-.015167</b> | <b>.0068247</b> | <b>5.160887</b> |
| #2 | <b>-.007380</b> | <b>-.001545</b> | <b>.0840718</b> | <b>-.018291</b> | <b>.0107004</b> | <b>5.040253</b> |
| #3 | <b>-.011581</b> | <b>-.001441</b> | <b>.0840819</b> | <b>-.014475</b> | <b>.0123057</b> | <b>5.150034</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1635395</b> | <b>.0003913</b> | <b>.0003046</b> | <b>84.90387</b> | <b>.0166246</b> | <b>.0211191</b> |
| Stddev | .0010266        | .0000272        | .0000867        | .10804          | .0004273        | .0008449        |
| %RSD   | .6277133        | 6.961928        | 28.44694        | .1272507        | 2.570517        | 4.000519        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1645262</b> | <b>.0004012</b> | <b>.0002741</b> | <b>84.94727</b> | <b>.0171051</b> | <b>.0220888</b> |
| #2 | <b>.1624773</b> | <b>.0003604</b> | <b>.0002373</b> | <b>84.78088</b> | <b>.0164814</b> | <b>.0207267</b> |
| #3 | <b>.1636150</b> | <b>.0004121</b> | <b>.0004024</b> | <b>84.98346</b> | <b>.0162872</b> | <b>.0205417</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2353037</b> | <b>15.79872</b> | <b>.2732575</b> | <b>28.39236</b> | <b>.0157288</b> | <b>-.000182</b> |
| Stddev | .0098614        | .11602          | .0010293        | .12131          | .0006207        | .000292         |
| %RSD   | 4.190940        | .7343866        | .3766740        | .4272786        | 3.946194        | 160.2506        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2290140</b> | <b>15.92775</b> | <b>.2723878</b> | <b>28.53131</b> | <b>.0150431</b> | <b>.000153</b>  |
| #2 | <b>.2466691</b> | <b>15.70299</b> | <b>.2729909</b> | <b>28.33825</b> | <b>.0162524</b> | <b>-.000382</b> |
| #3 | <b>.2302280</b> | <b>15.76541</b> | <b>.2743939</b> | <b>28.30751</b> | <b>.0158908</b> | <b>-.000318</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>153.3747</b> | <b>.0091089</b> | <b>.5539410</b> | <b>10.23824</b> | <b>2.003284</b> | <b>.0796655</b> |
| Stddev | 22.4639         | .0084501        | .0021540        | .55848          | .040506         | .0029828        |
| %RSD   | 14.64643        | 92.76733        | .3888424        | 5.454818        | 2.021979        | 3.744200        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>140.6101</b> | <b>-.000235</b> | <b>.5562355</b> | <b>10.04062</b> | <b>1.956546</b> | <b>.0784998</b> |
| #2 | <b>179.3127</b> | <b>.016215</b>  | <b>.5536250</b> | <b>10.86866</b> | <b>2.028200</b> | <b>.0830551</b> |
| #3 | <b>140.2013</b> | <b>.011347</b>  | <b>.5519625</b> | <b>9.80544</b>  | <b>2.025105</b> | <b>.0774415</b> |

Sample Name: Q2426-01      Acquired: 6/25/2025 19:04:23      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
|--------|----------|----------|------------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0056929 | 7.845767 | F 22.01097 | .0239421 | .2483649 | -.021846 |
| Stddev | .0005490 | .141246  | .83060     | .0004226 | .0098086 | .007420  |
| %RSD   | 9.643653 | 1.800285 | 3.773587   | 1.765265 | 3.949264 | 33.96744 |
| #1     | .0062822 | 7.682833 | 21.67894   | .0244153 | .2579306 | -.029291 |
| #2     | .0056007 | 7.933532 | 22.95623   | .0238088 | .2383302 | -.014451 |
| #3     | .0051959 | 7.920937 | 21.39775   | .0236022 | .2488339 | -.021795 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .3168068 |
| Stddev | .0009131 |
| %RSD   | .2882155 |
| #1     | .3178144 |
| #2     | .3160342 |
| #3     | .3165717 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4851.622 | 40906.46 | 2193.619 | 3633.507 | 4952.921 |
| Stddev    | 31.090   | 80.84    | 91.856   | 18.222   | 34.052   |
| %RSD      | .6408220 | .1976229 | 4.187410 | .5015017 | .6875202 |
| #1        | 4870.559 | 40995.42 | 2249.472 | 3649.799 | 4969.172 |
| #2        | 4815.741 | 40837.49 | 2087.604 | 3613.830 | 4913.788 |
| #3        | 4868.567 | 40886.47 | 2243.781 | 3636.892 | 4975.804 |

Sample Name: Q2426-02      Acquired: 6/25/2025 19:09:00      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.006510</b> | <b>-.002999</b> | <b>.1057412</b> | <b>-.021132</b> | <b>.0127283</b> | <b>6.742347</b> |
| Stddev | .001788         | .001844         | .0033802        | .000699         | .0004107        | .028239         |
| %RSD   | 27.46306        | 61.47126        | 3.196695        | 3.305728        | 3.226516        | .4188298        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008331 | -.005120 | .1096144 | -.021840 | .0123850 | 6.759489 |
| #2 | -.006442 | -.002094 | .1042229 | -.020443 | .0131832 | 6.757798 |
| #3 | -.004757 | -.001783 | .1033864 | -.021113 | .0126165 | 6.709755 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1997345</b> | <b>.0005399</b> | <b>.0002956</b> | <b>101.1236</b> | <b>.0232414</b> | <b>.0235818</b> |
| Stddev | .0005196        | .0001391        | .0000706        | .2416           | .0003168        | .0006130        |
| %RSD   | .2601337        | 25.76368        | 23.89458        | .2389342        | 1.363074        | 2.599415        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1991878 | .0006823 | .0003078 | 101.1249 | .0235844 | .0242862 |
| #2 | .1997938 | .0005331 | .0003593 | 101.3645 | .0229598 | .0232901 |
| #3 | .2002219 | .0004043 | .0002197 | 100.8813 | .0231799 | .0231692 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2503292</b> | <b>20.93206</b> | <b>.4088437</b> | <b>31.83254</b> | <b>.0185281</b> | <b>.0004013</b> |
| Stddev | .0058188        | .07096          | .0003693        | .06511          | .0002029        | .0007912        |
| %RSD   | 2.324452        | .3390053        | .0903254        | .2045449        | 1.094817        | 197.1436        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2460884 | 21.01002 | .4090078 | 31.75888 | .0187233 | .0005273 |
| #2 | .2479364 | 20.87124 | .4084208 | 31.88242 | .0185426 | -.000445 |
| #3 | .2569629 | 20.91492 | .4091025 | 31.85632 | .0183184 | .001122  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>152.9420</b> | <b>.0027476</b> | <b>.7079807</b> | <b>12.04223</b> | <b>2.615750</b> | <b>.0831295</b> |
| Stddev | 10.0157         | .0095406        | .0010909        | .48644          | .073139         | .0018732        |
| %RSD   | 6.548665        | 347.2407        | .1540906        | 4.039474        | 2.796105        | 2.253334        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 163.2767 | .0122492 | .7088085 | 11.83268 | 2.700204 | .0821105 |
| #2 | 143.2792 | -.006832 | .7083892 | 11.69568 | 2.573712 | .0819868 |
| #3 | 152.2701 | .002825  | .7067445 | 12.59833 | 2.573335 | .0852913 |

Sample Name: Q2426-02      Acquired: 6/25/2025 19:09:00      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0069377 | 8.394744 | F 25.17073 | .0103165 | .3191503 | -.019835 |
| Stddev | .0004286 | .227797  | .63680     | .0004929 | .0036291 | .002112  |
| %RSD   | 6.178459 | 2.713566 | 2.529920   | 4.778137 | 1.137126 | 10.64774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064428 | 8.657708 | 24.69676 | .0101566 | .3176194 | -.018329 |
| #2 | .0071937 | 8.268627 | 24.92086 | .0108695 | .3232940 | -.022249 |
| #3 | .0071765 | 8.257897 | 25.89457 | .0099233 | .3165374 | -.018926 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3599910 |
| Stddev | .0010471 |
| %RSD   | .2908717 |

|    |          |
|----|----------|
| #1 | .3608779 |
| #2 | .3602593 |
| #3 | .3588359 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5099.301 | 40891.93 | 2232.852 | 3628.350 | 5171.979 |
| Stddev    | 35.619   | 228.52   | 35.192   | 26.317   | 66.091   |
| %RSD      | .6985034 | .5588334 | 1.576103 | .7253189 | 1.277868 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5059.279 | 40788.39 | 2261.877 | 3617.073 | 5096.633 |
| #2 | 5111.105 | 40733.51 | 2242.969 | 3609.551 | 5199.150 |
| #3 | 5127.520 | 41153.89 | 2193.709 | 3658.427 | 5220.153 |

Sample Name: Q2388-04      Acquired: 6/25/2025 19:13:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.015297</b> | <b>.0039013</b> | <b>.0083395</b> | <b>-.028598</b> | <b>.0123578</b> | <b>-.001490</b> | <b>.6499696</b> |
| Stddev | .002058         | .0018203        | .0005908        | .002577         | .0028200        | .028395         | .0065109        |
| %RSD   | 13.45298        | 46.65767        | 7.084819        | 9.011088        | 22.81954        | 1905.534        | 1.001716        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.017080</b> | <b>.0040513</b> | <b>.0076730</b> | <b>-.031570</b> | <b>.0153707</b> | <b>.025135</b>  | <b>.6560701</b> |
| #2 | <b>-.013045</b> | <b>.0056419</b> | <b>.0087989</b> | <b>-.027246</b> | <b>.0097817</b> | <b>.001768</b>  | <b>.6431142</b> |
| #3 | <b>-.015767</b> | <b>.0020107</b> | <b>.0085467</b> | <b>-.026979</b> | <b>.0119208</b> | <b>-.031373</b> | <b>.6507244</b> |

| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000613</b> | <b>.0005610</b> | <b>201.2886</b> | <b>.0027966</b> | <b>.0248284</b> | <b>.0025401</b> | <b>.0613424</b> |
| Stddev | .000071         | .0000307        | 2.4658          | .0000558        | .0001368        | .0015857        | .0176340        |
| %RSD   | 11.63381        | 5.465765        | 1.225016        | 1.994721        | .5510555        | 62.42736        | 28.74689        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000614</b> | <b>.0005280</b> | <b>202.9593</b> | <b>.0028406</b> | <b>.0249725</b> | <b>.0018172</b> | <b>.0559383</b> |
| #2 | <b>-.000684</b> | <b>.0005662</b> | <b>198.4565</b> | <b>.0027339</b> | <b>.0247002</b> | <b>.0043584</b> | <b>.0810461</b> |
| #3 | <b>-.000541</b> | <b>.0005887</b> | <b>202.4499</b> | <b>.0028155</b> | <b>.0248125</b> | <b>.0014446</b> | <b>.0470428</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.884968</b> | <b>2.391634</b> | <b>.0042350</b> | <b>-.000149</b> | <b>349.8114</b> | <b>-.010755</b> | <b>.0413056</b> |
| Stddev | .043458         | .014549         | .0007505        | .000667         | 31.0451         | .002004         | .0007337        |
| %RSD   | 1.118619        | .6083458        | 17.72083        | 447.5234        | 8.874818        | 18.63327        | 1.776305        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.917531</b> | <b>2.400603</b> | <b>.0042464</b> | <b>.000494</b>  | <b>333.6948</b> | <b>-.008552</b> | <b>.0404640</b> |
| #2 | <b>3.835621</b> | <b>2.399451</b> | <b>.0049798</b> | <b>-.000838</b> | <b>385.6004</b> | <b>-.012469</b> | <b>.0418108</b> |
| #3 | <b>3.901753</b> | <b>2.374846</b> | <b>.0034789</b> | <b>-.000103</b> | <b>330.1391</b> | <b>-.011246</b> | <b>.0416419</b> |

| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.666626</b> | <b>.0038587</b> | <b>.0080728</b> | <b>.0029079</b> | <b>.5705481</b> | <b>.8484916</b> | <b>.0060928</b> |
| Stddev | .140519         | .0033054        | .0024805        | .0002207        | .0061602        | .0713356        | .0007196        |
| %RSD   | 8.431353        | 85.66074        | 30.72652        | 7.590594        | 1.079705        | 8.407340        | 11.81096        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.608806</b> | <b>.0029073</b> | <b>.0054515</b> | <b>.0028989</b> | <b>.5653478</b> | <b>.8405826</b> | <b>.0055460</b> |
| #2 | <b>1.826831</b> | <b>.0075355</b> | <b>.0103832</b> | <b>.0026918</b> | <b>.5689452</b> | <b>.9234520</b> | <b>.0069080</b> |
| #3 | <b>1.564242</b> | <b>.0011334</b> | <b>.0083837</b> | <b>.0031329</b> | <b>.5773514</b> | <b>.7814401</b> | <b>.0058242</b> |

Sample Name: Q2388-04      Acquired: 6/25/2025 19:13:36      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.003409</b> | <b>-.031873</b> | <b>.1982643</b> |
| Stddev | .001843         | .002660         | .0023497        |
| %RSD   | 54.07707        | 8.346162        | 1.185156        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003991</b> | <b>-.031087</b> | <b>.1997694</b> |
| #2 | <b>-.001345</b> | <b>-.034838</b> | <b>.1955567</b> |
| #3 | <b>-.004891</b> | <b>-.029695</b> | <b>.1994669</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>5026.620</b> | <b>39764.76</b> | <b>2145.943</b> | <b>3543.924</b> | <b>4952.370</b> |
| Stddev    | 62.087          | 615.51          | 172.722         | 58.774          | 58.901          |
| %RSD      | 1.235156        | 1.547889        | 8.048791        | 1.658455        | 1.189354        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5051.682</b> | <b>40220.13</b> | <b>2236.037</b> | <b>3590.078</b> | <b>4980.039</b> |
| #2 | <b>5072.258</b> | <b>40009.65</b> | <b>1946.800</b> | <b>3563.938</b> | <b>4992.341</b> |
| #3 | <b>4955.920</b> | <b>39064.49</b> | <b>2254.991</b> | <b>3477.757</b> | <b>4884.728</b> |

Sample Name: Q2389-04      Acquired: 6/25/2025 19:18:08      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.003437</b> | <b>k -.001641</b> | <b>.0006092</b>   | <b>-.003104</b>   | <b>k .0009328</b> | <b>.1550772</b>   | <b>.2882491</b> |
| Stddev | .001874         | .001681           | .0014365          | .003673           | .0005735          | .0165392          | .0022413        |
| %RSD   | 54.52268        | 102.4635          | 235.7895          | 118.3334          | 61.48419          | 10.66512          | .7775466        |
| #1     | <b>-.004205</b> | <b>k -.000756</b> | <b>.0022516</b>   | <b>.000848</b>    | <b>k .0009707</b> | <b>.1360597</b>   | <b>.2897323</b> |
| #2     | <b>-.004805</b> | <b>-.000587</b>   | <b>-.000011</b>   | <b>-.003748</b>   | <b>.0003412</b>   | <b>.1661011</b>   | <b>.2893441</b> |
| #3     | <b>-.001301</b> | <b>-.003580</b>   | <b>-.000413</b>   | <b>-.006412</b>   | <b>.0014864</b>   | <b>.1630708</b>   | <b>.2856708</b> |
| Elem   | Be2348          | Cd2144            | Ca3736            | Cr2677            | Co2286            | Cu3247            | Fe2598          |
| Units  | ppm             | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>.0006707</b> | <b>.0000411</b>   | <b>8.089010</b>   | <b>s .0005978</b> | <b>.0043832</b>   | <b>.0137868</b>   | <b>.0150580</b> |
| Stddev | .0000595        | .0001047          | .036423           | .0003108          | .0002181          | .0043022          | .0074228        |
| %RSD   | 8.863977        | 254.5755          | .4502769          | 51.98537          | 4.974847          | 31.20552          | 49.29482        |
| #1     | <b>.0007366</b> | <b>-.000061</b>   | <b>8.127556</b>   | <b>s .0008174</b> | <b>.0043074</b>   | <b>.0187331</b>   | <b>.0153282</b> |
| #2     | <b>.0006211</b> | <b>.000148</b>    | <b>8.055166</b>   | <b>.0007338</b>   | <b>.0042132</b>   | <b>.0117129</b>   | <b>.0223420</b> |
| #3     | <b>.0006543</b> | <b>.000036</b>    | <b>8.084309</b>   | <b>.0002422</b>   | <b>.0046291</b>   | <b>.0109143</b>   | <b>.0075038</b> |
| Elem   | Mn2576          | Mg2790            | Ni2316            | Ag3280            | Na8183            | V_2924            | Zn2138          |
| Units  | ppm             | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>.2129342</b> | <b>3.468252</b>   | <b>.0031634</b>   | <b>s .0005296</b> | <b>368.8406</b>   | <b>k -.007993</b> | <b>.0880281</b> |
| Stddev | .0007631        | .057041           | .0007625          | .0007836          | 69.9885           | .003006           | .0001048        |
| %RSD   | .3583616        | 1.644666          | 24.10264          | 147.9491          | 18.97528          | 37.60901          | .1190066        |
| #1     | <b>.2137413</b> | <b>3.435726</b>   | <b>.0026229</b>   | <b>s -.000084</b> | <b>449.6536</b>   | <b>k -.009043</b> | <b>.0880453</b> |
| #2     | <b>.2122245</b> | <b>3.534116</b>   | <b>.0028319</b>   | <b>.000261</b>    | <b>329.0141</b>   | <b>-.004603</b>   | <b>.0881232</b> |
| #3     | <b>.2128369</b> | <b>3.434914</b>   | <b>.0040356</b>   | <b>.001412</b>    | <b>327.8540</b>   | <b>-.010333</b>   | <b>.0879158</b> |
| Elem   | K_7698          | P_1774            | B_2496            | Mo2020            | S_1820            | Si2516            | Sn1899          |
| Units  | ppm             | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>2.357446</b> | <b>.0110869</b>   | <b>k .0293108</b> | <b>.0006953</b>   | <b>.9626745</b>   | <b>1.321165</b>   | <b>-.000531</b> |
| Stddev | .339724         | .0023379          | .0053382          | .0003361          | .0316121          | .210542           | .000997         |
| %RSD   | 14.41066        | 21.08680          | 18.21250          | 48.33763          | 3.283780          | 15.93609          | 187.6828        |
| #1     | <b>2.736054</b> | <b>.0112466</b>   | <b>k .0353747</b> | <b>.0008310</b>   | <b>.9991482</b>   | <b>1.563861</b>   | <b>-.001462</b> |
| #2     | <b>2.257048</b> | <b>.0133408</b>   | <b>.0253204</b>   | <b>.0009423</b>   | <b>.9431812</b>   | <b>1.212147</b>   | <b>.000521</b>  |
| #3     | <b>2.079237</b> | <b>.0086733</b>   | <b>.0272373</b>   | <b>.0003126</b>   | <b>.9456941</b>   | <b>1.187488</b>   | <b>-.000653</b> |

Sample Name: Q2389-04      Acquired: 6/25/2025 19:18:08      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0014103 | -.029506 | .0509471 |
| Stddev | .0059598 | .004590  | .0004291 |
| %RSD   | 422.5994 | 15.55707 | .8422619 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0082921 | -.034744 | .0504621 |
| #2 | -.002024 | -.026188 | .0512773 |
| #3 | -.002037 | -.027585 | .0511020 |

|           |          |         |          |          |          |
|-----------|----------|---------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600  | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S   | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5027.535 | ^ ***** | 2115.701 | 3626.572 | 5079.872 |
| Stddev    | 228.904  | -----   | 304.796  | 16.704   | 232.898  |
| %RSD      | 4.553011 | -----   | 14.40640 | .4606136 | 4.584728 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4763.331 | ^ -----  | 1764.261 | 3617.215 | 4810.987 |
| #2 | 5152.972 | 40396.88 | 2275.048 | 3645.858 | 5218.458 |
| #3 | 5166.302 | 40398.60 | 2307.794 | 3616.644 | 5210.172 |

Sample Name: Q2391-04      Acquired: 6/25/2025 19:22:42      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068805 | .0039271 | .0097520 | -.031195 | .0672873 | -.003440 |
| Stddev | .0025045 | .0013625 | .0013299 | .001274  | .0013395 | .026844  |
| %RSD   | 36.40037 | 34.69393 | 13.63767 | 4.085069 | 1.990789 | 780.4013 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0074122 | .0023778 | .0106396 | -.030260 | .0678194 | .022911  |
| #2 | .0041528 | .0044651 | .0103935 | -.032646 | .0682791 | -.002479 |
| #3 | .0090764 | .0049384 | .0082229 | -.030678 | .0657635 | -.030751 |

|        |          |          |          |         |          |          |
|--------|----------|----------|----------|---------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736  | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm     | ppm      | ppm      |
| Avg    | .0657584 | -.000021 | .0010056 | ^ ***** | .0027381 | .0302485 |
| Stddev | .0009957 | .000151  | .0000861 | -----   | .0008622 | .0005359 |
| %RSD   | 1.514220 | 725.7560 | 8.561656 | -----   | 31.48758 | 1.771556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0647989 | .000114  | .0011026 | ^ -----  | .0019050 | .0306727 |
| #2 | .0667868 | -.000184 | .0009384 | 175.6702 | .0026828 | .0304267 |
| #3 | .0656893 | .000007  | .0009757 | 175.4183 | .0036266 | .0296463 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1058732 | 1.083018 | .1274931 | 8.333586 | .0081745 | .0008378 |
| Stddev | .0033677 | .007908  | .0018083 | .083986  | .0007522 | .0013173 |
| %RSD   | 3.180877 | .7301711 | 1.418344 | 1.007797 | 9.202221 | 157.2379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1096546 | 1.073939 | .1262587 | 8.262511 | .0086524 | -.000617 |
| #2 | .1047677 | 1.086712 | .1295688 | 8.426263 | .0085636 | .001179  |
| #3 | .1031971 | 1.088403 | .1266519 | 8.311986 | .0073074 | .001951  |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 479.1332 | -.010597 | .0473831 | 16.88395 | .0245497 | F 81.66031 |
| Stddev | 127.7621 | .007658  | .0002511 | .30470   | .0011900 | .93414     |
| %RSD   | 26.66526 | 72.26256 | .5298266 | 1.804691 | 4.847362 | 1.143934   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 331.6155 | -.009524 | .0473539 | 17.23335 | .0234996 | 82.68052 |
| #2 | 551.4558 | -.003533 | .0476474 | 16.67338 | .0243072 | 80.84691 |
| #3 | 554.3282 | -.018735 | .0471479 | 16.74514 | .0258423 | 81.45350 |

Sample Name: Q2391-04      Acquired: 6/25/2025 19:22:42      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707   |
|--------|----------|------------|----------|----------|----------|----------|
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0468006 | F 33.39742 | 1.694020 | .0057546 | -.001755 | -.005793 |
| Stddev | .0007881 | .69470     | .020552  | .0011464 | .001914  | .000809  |
| %RSD   | 1.683864 | 2.080113   | 1.213186 | 19.92070 | 109.0155 | 13.96753 |
| #1     | .0462335 | 33.00535   | 1.717452 | .0070179 | -.003955 | -.004861 |
| #2     | .0464678 | 34.19952   | 1.685551 | .0047806 | -.000834 | -.006205 |
| #3     | .0477005 | 32.98738   | 1.679055 | .0054653 | -.000477 | -.006313 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | ^ *****  |
| Stddev | -----    |
| %RSD   | -----    |
| #1     | ^ -----  |
| #2     | .5192567 |
| #3     | .5174158 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4691.092 | 37244.14 | 2159.309 | 3359.337 | 4686.359 |
| Stddev    | 133.644  | 243.75   | 39.007   | 1.008    | 134.744  |
| %RSD      | 2.848887 | .6544589 | 1.806469 | .0299927 | 2.875246 |
| #1        | 4760.104 | 37319.02 | 2114.725 | 3358.885 | 4757.263 |
| #2        | 4537.050 | 37441.66 | 2187.150 | 3360.491 | 4530.968 |
| #3        | 4776.120 | 36971.73 | 2176.050 | 3358.634 | 4770.847 |

Sample Name: Q2394-04      Acquired: 6/25/2025 19:29:56      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.003220</b>   | <b>k -.002307</b> | <b>k .0026766</b> | <b>s -.001335</b> | <b>s .0004620</b> | <b>k .2872437</b> | <b>.3128987</b> |
| Stddev | .004711           | .001664           | .0014649          | .002164           | .0034023          | .0053143          | .0063290        |
| %RSD   | 146.2840          | 72.14235          | 54.72940          | 162.0534          | 736.4933          | 1.850094          | 2.022695        |
| #1     | -.005601          | -.002510          | .0041287          | -.003770          | -.001121          | .2847592          | .3102677        |
| #2     | -.006266          | <b>k -.000550</b> | <b>k .0011993</b> | <b>s -.000603</b> | <b>s .004367</b>  | <b>k .2933451</b> | <b>.3083095</b> |
| #3     | .002206           | -.003860          | .0027019          | .000367           | -.001861          | .2836266          | .3201188        |
| Elem   | Be2348            | Cd2144            | Ca3736            | Cr2677            | Co2286            | Cu3247            | Fe2598          |
| Units  | ppm               | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>k .0006107</b> | <b>.0001468</b>   | <b>5.448673</b>   | <b>.0000799</b>   | <b>k .0137262</b> | <b>k .0115091</b> | <b>.1746361</b> |
| Stddev | .0001798          | .0000569          | .049344           | .0002778          | .0001218          | .0029380          | .0081398        |
| %RSD   | 29.44215          | 38.74673          | .9056195          | 347.5285          | .8872225          | 25.52791          | 4.661025        |
| #1     | .0007582          | .0001763          | 5.392175          | .0000418          | .0138463          | .0148872          | .1836092        |
| #2     | <b>k .0004104</b> | .0001830          | 5.483313          | .0003748          | <b>k .0136028</b> | <b>k .0095499</b> | <b>.1677270</b> |
| #3     | .0006634          | .0000813          | 5.470529          | -.000177          | .0137295          | .0100901          | .1725720        |
| Elem   | Mn2576            | Mg2790            | Ni2316            | Ag3280            | Na8183            | V_2924            | Zn2138          |
| Units  | ppm               | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>.5134361</b>   | <b>4.002662</b>   | <b>.0056241</b>   | <b>k .0005704</b> | <b>355.4339</b>   | <b>k .0010951</b> | <b>.1024770</b> |
| Stddev | .0009459          | .023847           | .0000772          | .0002087          | 48.8681           | .0085469          | .0012199        |
| %RSD   | .1842204          | .5957847          | 1.373234          | 36.59579          | 13.74885          | 780.5026          | 1.190412        |
| #1     | .5123978          | 4.020922          | .0056585          | .0003609          | 411.8598          | -.001229          | .1023181        |
| #2     | .5136618          | 3.975682          | .0055356          | <b>k .0005719</b> | 326.8037          | <b>k -.006049</b> | .1013444        |
| #3     | .5142486          | 4.011383          | .0056781          | .0007784          | 327.6382          | .010564           | .1037686        |
| Elem   | K_7698            | P_1774            | B_2496            | Mo2020            | S_1820            | Si2516            | Sn1899          |
| Units  | ppm               | ppm               | ppm               | ppm               | ppm               | ppm               | ppm             |
| Avg    | <b>.6292478</b>   | <b>k .0089154</b> | <b>k .2168357</b> | <b>s .0005860</b> | <b>k .5293469</b> | <b>k .6410875</b> | <b>.0006900</b> |
| Stddev | .0923511          | .0013925          | .0366473          | .0006882          | .0133055          | .0899150          | .0008256        |
| %RSD   | 14.67643          | 15.61950          | 16.90094          | 117.4442          | 2.513579          | 14.02539          | 119.6477        |
| #1     | .7357617          | .0084173          | .2591239          | .0004571          | .5151114          | .7446315          | .0012532        |
| #2     | .5715396          | <b>k .0104885</b> | <b>k .1943491</b> | <b>s .0013295</b> | <b>k .5314598</b> | <b>k .5827051</b> | -.000258        |
| #3     | .5804420          | .0078405          | .1970342          | -.000029          | .5414696          | .5959260          | .001075         |

Sample Name: Q2394-04      Acquired: 6/25/2025 19:29:56      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0043267 | -.026893 | .0474239 |
| Stddev | .0044479 | .002908  | .0000654 |
| %RSD   | 102.7991 | 10.81418 | .1378494 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000344 | -.026004 | .0473488 |
| #2 | .008511  | -.024532 | .0474547 |
| #3 | .004813  | -.030141 | .0474682 |

|           |         |          |          |          |          |
|-----------|---------|----------|----------|----------|----------|
| Int. Std. | Y_2243  | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S   | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | ^ ***** | 40486.19 | 2112.632 | 3629.441 | 5016.802 |
| Stddev    | -----   | 148.23   | 278.848  | 10.469   | 146.896  |
| %RSD      | -----   | .3661343 | 13.19907 | .2884437 | 2.928087 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5118.667 | 40324.66 | 1791.670 | 3618.274 | 5181.378 |
| #2 | ^ -----  | 40517.91 | 2295.324 | 3631.016 | 4970.075 |
| #3 | 4853.141 | 40615.99 | 2250.903 | 3639.034 | 4898.952 |

Sample Name: Q2399-04      Acquired: 6/25/2025 19:34:27      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.017754</b> | <b>-.001648</b> | <b>.0108166</b> | <b>-.026148</b> | <b>.0070322</b> | <b>.2088446</b> | <b>.3347595</b> |
| Stddev | .003520         | .003769         | .0005457        | .003344         | .0021263        | .0073189        | .0008421        |
| %RSD   | 19.82488        | 228.7034        | 5.044889        | 12.78974        | 30.23648        | 3.504484        | .2515595        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.014241</b> | <b>-.000920</b> | <b>.0106247</b> | <b>-.025365</b> | <b>.0058631</b> | <b>.2100850</b> | <b>.3357303</b> |
| #2 | <b>-.021280</b> | <b>.001704</b>  | <b>.0103927</b> | <b>-.029815</b> | <b>.0094865</b> | <b>.2154641</b> | <b>.3342265</b> |
| #3 | <b>-.017742</b> | <b>-.005728</b> | <b>.0114323</b> | <b>-.023265</b> | <b>.0057470</b> | <b>.2009847</b> | <b>.3343217</b> |

| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002839</b> | <b>.0001718</b> | <b>91.76576</b> | <b>.0083178</b> | <b>.0178863</b> | <b>.0125078</b> | <b>.1256021</b> |
| Stddev | .0001751        | .0000909        | .40597          | .0005868        | .0007893        | .0015720        | .0049296        |
| %RSD   | 61.65672        | 52.90706        | .4423950        | 7.054218        | 4.412978        | 12.56797        | 3.924732        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0001609</b> | <b>.0002174</b> | <b>92.19176</b> | <b>.0077169</b> | <b>.0182599</b> | <b>.0134539</b> | <b>.1273004</b> |
| #2 | <b>.0002066</b> | <b>.0002309</b> | <b>91.72217</b> | <b>.0083473</b> | <b>.0184195</b> | <b>.0106932</b> | <b>.1294580</b> |
| #3 | <b>.0004844</b> | <b>.0000672</b> | <b>91.38335</b> | <b>.0088894</b> | <b>.0169795</b> | <b>.0133763</b> | <b>.1200479</b> |

| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1745937</b> | <b>11.01608</b> | <b>.0100876</b> | <b>-.000271</b> | <b>365.7987</b> | <b>.0009331</b> | <b>.1117378</b> |
| Stddev | .0016459        | .03095          | .0002382        | .001570         | 154.8643        | .0099013        | .0021306        |
| %RSD   | .9427201        | .2809162        | 2.361755        | 579.6497        | 42.33593        | 1061.103        | 1.906803        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1739353</b> | <b>11.04942</b> | <b>.0098427</b> | <b>.001541</b>  | <b>410.4465</b> | <b>.0121902</b> | <b>.1108414</b> |
| #2 | <b>.1733789</b> | <b>11.01055</b> | <b>.0101016</b> | <b>-.001127</b> | <b>193.5153</b> | <b>-.002965</b> | <b>.1102019</b> |
| #3 | <b>.1764669</b> | <b>10.98827</b> | <b>.0103185</b> | <b>-.001226</b> | <b>493.4345</b> | <b>-.006426</b> | <b>.1141702</b> |

| Elem   | K_7698         | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
|--------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm            | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>^ *****</b> | <b>.0167913</b> | <b>.1479287</b> | <b>.0030135</b> | <b>1.553584</b> | <b>2.203699</b> | <b>.0039198</b> |
| Stddev | -----          | .0010292        | .0130652        | .0002744        | .017646         | .175606         | .0012504        |
| %RSD   | -----          | 6.129287        | 8.832122        | 9.105304        | 1.135857        | 7.968685        | 31.89876        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.347795</b> | <b>.0177379</b> | <b>.1582407</b> | <b>.0027398</b> | <b>1.566498</b> | <b>2.289394</b> | <b>.0051720</b> |
| #2 | <b>2.038226</b> | <b>.0156957</b> | <b>.1332361</b> | <b>.0032886</b> | <b>1.560777</b> | <b>2.001699</b> | <b>.0026713</b> |
| #3 | <b>^ -----</b>  | <b>.0169403</b> | <b>.1523093</b> | <b>.0030119</b> | <b>1.533477</b> | <b>2.320005</b> | <b>.0039162</b> |

Sample Name: Q2399-04      Acquired: 6/25/2025 19:34:27      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0063794 | -.029505 | .5374349 |
| Stddev | .0035823 | .005602  | .0024098 |
| %RSD   | 56.15422 | 18.98809 | .4483945 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0103131 | -.030715 | .5398626 |
| #2 | .0033045 | -.034403 | .5373986 |
| #3 | .0055208 | -.023396 | .5350434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4708.007 | 37260.66 | 2016.146 | 3372.070 | 4667.533 |
| Stddev    | 18.820   | 4524.04  | 305.675  | 343.913  | 16.932   |
| %RSD      | .3997515 | 12.14160 | 15.16135 | 10.19887 | .3627645 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4729.310 | 40114.47 | 2035.067 | 3595.717 | 4680.642 |
| #2 | 4693.633 | 39623.05 | 2311.920 | 3544.435 | 4648.416 |
| #3 | 4701.079 | 32044.45 | 1701.450 | 2976.059 | 4673.540 |

Sample Name: Q2399-08      Acquired: 6/25/2025 19:39:01      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.016907</b> | <b>-.002438</b> | <b>.0072604</b> | <b>-.017745</b> | <b>.0038715</b> | <b>.1012291</b> | <b>.2939415</b> |
| Stddev | .001141         | .002234         | .0020522        | .001974         | .0018266        | .0148276        | .0013974        |
| %RSD   | 6.748716        | 91.60432        | 28.26560        | 11.12535        | 47.18042        | 14.64753        | .4753895        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.015790</b> | <b>-.001514</b> | <b>.0070685</b> | <b>-.018971</b> | <b>.0028454</b> | <b>.1140904</b> | <b>.2923881</b> |
| #2 | <b>-.016861</b> | <b>-.000816</b> | <b>.0053109</b> | <b>-.018797</b> | <b>.0059804</b> | <b>.0850109</b> | <b>.2950962</b> |
| #3 | <b>-.018071</b> | <b>-.004986</b> | <b>.0094018</b> | <b>-.015468</b> | <b>.0027887</b> | <b>.1045858</b> | <b>.2943402</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002942</b> | <b>.0002827</b> | <b>51.87294</b> | <b>.0005837</b> | <b>.0146362</b> | <b>.0458685</b> | <b>.0387392</b> |
| Stddev | .0003193        | .0000467        | .29582          | .0010468        | .0003981        | .0093081        | .0206649        |
| %RSD   | 108.5265        | 16.50139        | .5702741        | 179.3315        | 2.719921        | 20.29296        | 53.34364        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000624</b> | <b>.0003290</b> | <b>52.21173</b> | <b>-.000578</b> | <b>.0142447</b> | <b>.0403715</b> | <b>.0178862</b> |
| #2 | <b>.0006584</b> | <b>.0002357</b> | <b>51.74135</b> | <b>.001453</b>  | <b>.0150406</b> | <b>.0566156</b> | <b>.0391206</b> |
| #3 | <b>.0001619</b> | <b>.0002833</b> | <b>51.66575</b> | <b>.000877</b>  | <b>.0146232</b> | <b>.0406184</b> | <b>.0592108</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1717009</b> | <b>13.21298</b> | <b>.0032240</b> | <b>-.000684</b> | <b>426.8182</b> | <b>-.001918</b> | <b>.1006326</b> |
| Stddev | .0010124        | .04293          | .0002064        | .001213         | 75.4813         | .010971         | .0005708        |
| %RSD   | .5896395        | .3249197        | 6.402760        | 177.1682        | 17.68464        | 571.8821        | .5671948        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1728697</b> | <b>13.24676</b> | <b>.0030400</b> | <b>-.002020</b> | <b>373.9289</b> | <b>-.007231</b> | <b>.1011109</b> |
| #2 | <b>.1711389</b> | <b>13.16467</b> | <b>.0034472</b> | <b>.000347</b>  | <b>513.2584</b> | <b>.010698</b>  | <b>.1007861</b> |
| #3 | <b>.1710942</b> | <b>13.22752</b> | <b>.0031850</b> | <b>-.000381</b> | <b>393.2673</b> | <b>-.009222</b> | <b>.1000008</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.170668</b> | <b>.0346098</b> | <b>.1088925</b> | <b>.0017326</b> | <b>.6866513</b> | <b>1.582426</b> | <b>.0026378</b> |
| Stddev | .201121         | .0023659        | .0190571        | .0003713        | .0024500        | .278035         | .0008601        |
| %RSD   | 17.18004        | 6.835775        | 17.50087        | 21.43125        | .3568090        | 17.57018        | 32.60738        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.054386</b> | <b>.0363478</b> | <b>.1001138</b> | <b>.0017813</b> | <b>.6845609</b> | <b>1.423454</b> | <b>.0023657</b> |
| #2 | <b>1.402903</b> | <b>.0355660</b> | <b>.1307569</b> | <b>.0020771</b> | <b>.6893474</b> | <b>1.903469</b> | <b>.0036011</b> |
| #3 | <b>1.054715</b> | <b>.0319155</b> | <b>.0958069</b> | <b>.0013393</b> | <b>.6860456</b> | <b>1.420356</b> | <b>.0019467</b> |

Sample Name: Q2399-08      Acquired: 6/25/2025 19:39:01      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001578</b> | <b>-.026749</b> | <b>.1988241</b> |
| Stddev | .002735         | .006900         | .0008374        |
| %RSD   | 173.2859        | 25.79660        | .4211951        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .001098  | -.020297 | .1997257 |
| #2 | -.004369 | -.034024 | .1980705 |
| #3 | -.001464 | -.025926 | .1986760 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4822.660</b> | <b>40480.20</b> | <b>2109.592</b> | <b>3615.805</b> | <b>4800.735</b> |
| Stddev    | 29.363          | 318.13          | 332.259         | 34.045          | 24.697          |
| %RSD      | .6088606        | .7858782        | 15.74990        | .9415586        | .5144434        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4825.413 | 40152.90 | 2279.389 | 3588.995 | 4800.070 |
| #2 | 4850.550 | 40499.41 | 1726.746 | 3604.310 | 4825.758 |
| #3 | 4792.017 | 40788.28 | 2322.641 | 3654.109 | 4776.378 |

Sample Name: Q2405-04      Acquired: 6/25/2025 19:43:33      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.005997</b> | <b>-.002509</b> | <b>.0034386</b> | <b>-.001237</b> | <b>.0001355</b> | <b>.0725632</b> | <b>.3617854</b> |
| Stddev | .003731         | .001388         | .0006421        | .001781         | .0013771        | .0291362        | .0022013        |
| %RSD   | 62.22172        | 55.33433        | 18.67381        | 143.9633        | 1016.124        | 40.15282        | .6084468        |
| #1     | <b>-.010125</b> | <b>-.003847</b> | <b>.0027515</b> | <b>-.000969</b> | <b>-.001147</b> | <b>.1061802</b> | <b>.3613311</b> |
| #2     | <b>-.005000</b> | <b>-.001075</b> | <b>.0040235</b> | <b>.000395</b>  | <b>-.000038</b> | <b>.0545968</b> | <b>.3598466</b> |
| #3     | <b>-.002865</b> | <b>-.002606</b> | <b>.0035407</b> | <b>-.003137</b> | <b>.001591</b>  | <b>.0569127</b> | <b>.3641783</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003090</b> | <b>.0001452</b> | <b>5.930000</b> | <b>.0000658</b> | <b>.0043801</b> | <b>.0181134</b> | <b>-.004095</b> |
| Stddev | .0001093        | .0001258        | .024511         | .0004219        | .0000449        | .0003729        | .014917         |
| %RSD   | 35.37569        | 86.62832        | .4133438        | 641.4820        | 1.024908        | 2.058781        | 364.2498        |
| #1     | <b>.0004352</b> | <b>.0001667</b> | <b>5.911152</b> | <b>.0001847</b> | <b>.0043307</b> | <b>.0177474</b> | <b>-.010581</b> |
| #2     | <b>.0002508</b> | <b>.0000100</b> | <b>5.921138</b> | <b>-.000403</b> | <b>.0043914</b> | <b>.0181000</b> | <b>.012967</b>  |
| #3     | <b>.0002412</b> | <b>.0002588</b> | <b>5.957710</b> | <b>.000415</b>  | <b>.0044183</b> | <b>.0184929</b> | <b>-.014671</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0505164</b> | <b>1.121696</b> | <b>.0010982</b> | <b>.0003924</b> | <b>354.2645</b> | <b>-.002169</b> | <b>.0861525</b> |
| Stddev | .0007520        | .019680         | .0002046        | .0005771        | 6.6493          | .012417         | .0006640        |
| %RSD   | 1.488601        | 1.754501        | 18.62781        | 147.0850        | 1.876935        | 572.3968        | .7707540        |
| #1     | <b>.0511532</b> | <b>1.101734</b> | <b>.0013293</b> | <b>.0004264</b> | <b>346.6161</b> | <b>.007575</b>  | <b>.0854406</b> |
| #2     | <b>.0496868</b> | <b>1.122272</b> | <b>.0010253</b> | <b>-.000201</b> | <b>357.5062</b> | <b>-.016150</b> | <b>.0862619</b> |
| #3     | <b>.0507094</b> | <b>1.141082</b> | <b>.0009401</b> | <b>.000952</b>  | <b>358.6713</b> | <b>.002067</b>  | <b>.0867551</b> |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.597882</b> | <b>.0138479</b> | <b>.0728512</b> | <b>.0005959</b> | <b>.7618521</b> | <b>.6442283</b> | <b>-.001373</b> |
| Stddev | .036542         | .0007811        | .0017180        | .0000991        | .0047366        | .0155049        | .001671         |
| %RSD   | 2.286886        | 5.640667        | 2.358204        | 16.62716        | .6217194        | 2.406733        | 121.7517        |
| #1     | <b>1.570930</b> | <b>.0137784</b> | <b>.0730815</b> | <b>.0004950</b> | <b>.7669541</b> | <b>.6323071</b> | <b>-.001321</b> |
| #2     | <b>1.583243</b> | <b>.0131039</b> | <b>.0710297</b> | <b>.0006930</b> | <b>.7610075</b> | <b>.6386210</b> | <b>.000272</b>  |
| #3     | <b>1.639474</b> | <b>.0146614</b> | <b>.0744424</b> | <b>.0005998</b> | <b>.7575946</b> | <b>.6617567</b> | <b>-.003070</b> |

Sample Name: Q2405-04      Acquired: 6/25/2025 19:43:33      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001292</b> | <b>-.036966</b> | <b>.0369922</b> |
| Stddev | .003284         | .001176         | .0005055        |
| %RSD   | 254.0890        | 3.181251        | 1.366592        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003925</b> | <b>-.037220</b> | <b>.0367566</b> |
| #2 | <b>-.002340</b> | <b>-.037994</b> | <b>.0366475</b> |
| #3 | <b>.002387</b>  | <b>-.035683</b> | <b>.0375726</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>5145.892</b> | <b>40156.98</b> | <b>2278.844</b> | <b>3600.564</b> | <b>5233.929</b> |
| Stddev    | 19.809          | 152.13          | 28.706          | 19.875          | 23.204          |
| %RSD      | .3849468        | .3788361        | 1.259692        | .5519992        | .4433376        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5123.551 | 39996.66 | 2300.318 | 3583.475 | 5207.138 |
| #2 | 5161.312 | 40174.95 | 2289.976 | 3595.843 | 5246.976 |
| #3 | 5152.812 | 40299.32 | 2246.239 | 3622.375 | 5247.672 |

Sample Name: PB168571TB      Acquired: 6/25/2025 19:48:09      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.001172</b> | <b>-.002218</b> | <b>.0007303</b> | <b>.0038646</b> | <b>-.001765</b> | <b>-.020975</b> | <b>-.001510</b> |
| Stddev | .003095         | .000407         | .0006955        | .0036177        | .001956         | .024902         | .000955         |
| %RSD   | 264.1100        | 18.34123        | 95.22910        | 93.61107        | 110.8351        | 118.7259        | 63.23904        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001302  | -.002235 | .0008874 | .0034796 | -.002297 | -.022124 | -.000459 |
| #2 | -.000175 | -.001802 | -.000030 | .0004548 | .000402  | .004483  | -.002325 |
| #3 | -.004643 | -.002615 | .001334  | .0076594 | -.003400 | -.045283 | -.001745 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000137</b> | <b>-.000077</b> | <b>-.036302</b> | <b>.0003777</b> | <b>.0001850</b> | <b>.0000912</b> | <b>-.000761</b> |
| Stddev | .000034         | .000046         | .020594         | .0019715        | .0003297        | .0006425        | .006492         |
| %RSD   | 25.03747        | 60.24101        | 56.72852        | 521.9678        | 178.1778        | 704.7127        | 852.6874        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000176 | -.000031 | -.026269 | .0026425 | .0004497 | -.000641 | -.000962 |
| #2 | -.000123 | -.000123 | -.022648 | -.000554 | -.000184 | .000561  | -.007151 |
| #3 | -.000112 | -.000076 | -.059990 | -.000955 | .000290  | .000354  | .005828  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0078995</b> | <b>.0253936</b> | <b>.0006680</b> | <b>.0010139</b> | <b>264.7887</b> | <b>-.007653</b> | <b>.0003148</b> |
| Stddev | .0013965        | .0442198        | .0004045        | .0011597        | .6184           | .009710         | .0005695        |
| %RSD   | 17.67849        | 174.1379        | 60.55636        | 114.3862        | .2335508        | 126.8814        | 180.9219        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089782 | .0709630 | .0009153 | -.000058 | 264.8610 | .001672  | -.000027 |
| #2 | .0063221 | -.017340 | .0002012 | .000855  | 264.1374 | -.006924 | -.000001 |
| #3 | .0083982 | .022558  | .0008876 | .002245  | 265.3679 | -.017706 | .000972  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0692028</b> | <b>.0004101</b> | <b>.0264736</b> | <b>.0001321</b> | <b>.0486926</b> | <b>-.000087</b> | <b>-.001264</b> |
| Stddev | .0021141        | .0013758        | .0006193        | .0003156        | .0018753        | .001471         | .000852         |
| %RSD   | 3.054946        | 335.5298        | 2.339517        | 238.9596        | 3.851390        | 1688.262        | 67.40385        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0704652 | .0019894 | .0259281 | .0001296 | .0486330 | -.001600 | -.001568 |
| #2 | .0703810 | -.000231 | .0271469 | .0004490 | .0468478 | .001337  | -.001923 |
| #3 | .0667621 | -.000529 | .0263458 | -.000182 | .0505970 | .000002  | -.000302 |

Sample Name: PB168571TB      Acquired: 6/25/2025 19:48:09      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000032</b> | <b>-.029015</b> | <b>-.000123</b> |
| Stddev | .001277         | .000734         | .000088         |
| %RSD   | 4049.978        | 2.529340        | 71.09799        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000643</b> | <b>-.029840</b> | <b>-.000126</b> |
| #2 | <b>.001436</b>  | <b>-.028433</b> | <b>-.000210</b> |
| #3 | <b>-.000888</b> | <b>-.028772</b> | <b>-.000035</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>5175.015</b> | <b>40948.85</b> | <b>2275.131</b> | <b>3649.310</b> | <b>5333.865</b> |
| Stddev    | 3.506           | 19.52           | 2.658           | 17.689          | 4.647           |
| %RSD      | .0677534        | .0476603        | .1168493        | .4847339        | .0871218        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5175.939</b> | <b>40930.36</b> | <b>2272.091</b> | <b>3629.936</b> | <b>5328.648</b> |
| #2 | <b>5177.966</b> | <b>40946.92</b> | <b>2276.285</b> | <b>3664.602</b> | <b>5337.559</b> |
| #3 | <b>5171.139</b> | <b>40969.25</b> | <b>2277.018</b> | <b>3653.392</b> | <b>5335.390</b> |

Sample Name: CCV05      Acquired: 6/25/2025 19:52:47      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>5.065220</b> | <b>5.063290</b> | <b>5.077366</b> | <b>5.121326</b> | <b>5.148134</b> | <b>10.30761</b> | <b>10.31725</b> |
| Stddev | .034188         | .015271         | .023297         | .036894         | .019547         | .04812          | .02955          |
| %RSD   | .6749548        | .3016020        | .4588393        | .7203966        | .3796815        | .4668593        | .2863736        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.044494 | 5.061399 | 5.076667 | 5.113006 | 5.135387 | 10.27443 | 10.30208 |
| #2 | 5.046486 | 5.049053 | 5.054427 | 5.089304 | 5.138377 | 10.28560 | 10.29837 |
| #3 | 5.104680 | 5.079418 | 5.101005 | 5.161670 | 5.170638 | 10.36280 | 10.35130 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2708961</b> | <b>2.547436</b> | <b>25.75949</b> | <b>1.045538</b> | <b>2.544470</b> | <b>1.342510</b> | <b>5.121733</b> |
| Stddev | .0020415        | .011829         | .11543          | .003779         | .009869         | .012092         | .042978         |
| %RSD   | .7536204        | .4643478        | .4481140        | .3614232        | .3878439        | .9006682        | .8391211        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2688440 | 2.545079 | 25.72497 | 1.049827 | 2.541540 | 1.331144 | 5.072637 |
| #2 | .2729269 | 2.536963 | 25.66526 | 1.042700 | 2.536399 | 1.355215 | 5.152549 |
| #3 | .2709175 | 2.560266 | 25.88825 | 1.044087 | 2.555472 | 1.341172 | 5.140012 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.557553</b> | <b>25.61063</b> | <b>2.532840</b> | <b>1.286669</b> | <b>26.11757</b> | <b>2.565474</b> | <b>2.569738</b> |
| Stddev | .012478         | .14650          | .011620         | .008281         | .23410          | .014248         | .005401         |
| %RSD   | .4878900        | .5720114        | .4587867        | .6436232        | .8963493        | .5553837        | .2101643        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.549844 | 25.44943 | 2.533016 | 1.295308 | 25.92897 | 2.556426 | 2.572656 |
| #2 | 2.550865 | 25.64683 | 2.521133 | 1.278799 | 26.37959 | 2.558098 | 2.573052 |
| #3 | 2.571949 | 25.73564 | 2.544372 | 1.285900 | 26.04416 | 2.581898 | 2.563506 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.57218</b> | <b>5.153556</b> | <b>5.353887</b> | <b>5.139474</b> | <b>5.136031</b> | <b>5.321567</b> | <b>5.107918</b> |
| Stddev | .03029          | .025489         | .061968         | .020768         | .024258         | .064743         | .019727         |
| %RSD   | .1184675        | .4945890        | 1.157445        | .4040951        | .4723117        | 1.216619        | .3861952        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.54220 | 5.151305 | 5.296767 | 5.131987 | 5.143880 | 5.257099 | 5.102477 |
| #2 | 25.57156 | 5.129268 | 5.419770 | 5.123487 | 5.108820 | 5.386582 | 5.091483 |
| #3 | 25.60278 | 5.180096 | 5.345123 | 5.162947 | 5.155393 | 5.321018 | 5.129794 |

Sample Name: CCV05      Acquired: 6/25/2025 19:52:47      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.190163 | 5.280307 | 5.242984 |
| Stddev | .024755  | .007870  | .019245  |
| %RSD   | .4769566 | .1490531 | .3670636 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.165341 | 5.289351 | 5.234114 |
| #2 | 5.190299 | 5.276553 | 5.229774 |
| #3 | 5.214850 | 5.275016 | 5.265065 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5065.907 | 40909.89 | 2206.804 | 3614.378 | 5203.005 |
| Stddev    | 5.084    | 305.56   | 14.557   | 24.737   | 3.384    |
| %RSD      | .1003603 | .7469105 | .6596382 | .6844091 | .0650461 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5066.797 | 40733.17 | 2223.603 | 3593.321 | 5201.869 |
| #2 | 5060.436 | 41262.72 | 2198.890 | 3641.621 | 5200.335 |
| #3 | 5070.487 | 40733.78 | 2197.917 | 3608.190 | 5206.812 |

Sample Name: CCB05      Acquired: 6/25/2025 19:57:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000878</b> | <b>-.000035</b> | <b>.0005948</b> | <b>.0002870</b> | <b>-.001956</b> | <b>-.018647</b> |
| Stddev | .002727         | .001327         | .0009674        | .0011418        | .002875         | .005568         |
| %RSD   | 310.4606        | 3765.099        | 162.6295        | 397.8496        | 146.9802        | 29.86032        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000723</b> | <b>-.000251</b> | <b>.0017096</b> | <b>.0004713</b> | <b>.001091</b>  | <b>-.019728</b> |
| #2 | <b>.001768</b>  | <b>-.001241</b> | <b>.0000984</b> | <b>-.000936</b> | <b>-.002339</b> | <b>-.012618</b> |
| #3 | <b>-.003679</b> | <b>.001386</b>  | <b>-.000024</b> | <b>.001325</b>  | <b>-.004620</b> | <b>-.023595</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001283</b> | <b>-.000005</b> | <b>.0000336</b> | <b>-.018526</b> | <b>-.000291</b> | <b>.0001590</b> |
| Stddev | .000982         | .000201         | .0000411        | .013871         | .000455         | .0003481        |
| %RSD   | 76.54157        | 3872.305        | 122.2062        | 74.87201        | 156.0608        | 218.8655        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002310</b> | <b>-.000119</b> | <b>.0000783</b> | <b>-.010302</b> | <b>.000143</b>  | <b>.0002435</b> |
| #2 | <b>-.000354</b> | <b>-.000123</b> | <b>-.000003</b> | <b>-.034541</b> | <b>-.000764</b> | <b>-.000224</b> |
| #3 | <b>-.001185</b> | <b>.000226</b>  | <b>.000025</b>  | <b>-.010736</b> | <b>-.000253</b> | <b>.000457</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000054</b> | <b>-.002585</b> | <b>.0010292</b> | <b>.0205680</b> | <b>.0001040</b> | <b>.0002132</b> |
| Stddev | .000838         | .024858         | .0005670        | .0526728        | .0001439        | .0004834        |
| %RSD   | 1543.686        | 961.4824        | 55.09509        | 256.0910        | 138.4735        | 226.7515        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000346</b> | <b>-.029989</b> | <b>.0016731</b> | <b>-.006784</b> | <b>.0002010</b> | <b>.0001134</b> |
| #2 | <b>.000891</b>  | <b>.003717</b>  | <b>.0008098</b> | <b>-.012802</b> | <b>-.000061</b> | <b>-.000213</b> |
| #3 | <b>-.000708</b> | <b>.018515</b>  | <b>.0006046</b> | <b>.081290</b>  | <b>.000172</b>  | <b>.000739</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0850778</b> | <b>-.007028</b> | <b>-.001003</b> | <b>.0073181</b> | <b>.0000788</b> | <b>.0319058</b> |
| Stddev | .0194360        | .004757         | .000093         | .0008023        | .0008965        | .0001105        |
| %RSD   | 22.84502        | 67.68978        | 9.258595        | 10.96385        | 1137.427        | .3461985        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0996825</b> | <b>-.012426</b> | <b>-.000957</b> | <b>.0067550</b> | <b>.0011097</b> | <b>.0320238</b> |
| #2 | <b>.0925329</b> | <b>-.003449</b> | <b>-.001109</b> | <b>.0069626</b> | <b>-.000355</b> | <b>.0318889</b> |
| #3 | <b>.0630178</b> | <b>-.005208</b> | <b>-.000941</b> | <b>.0082368</b> | <b>-.000518</b> | <b>.0318048</b> |

Sample Name: CCB05      Acquired: 6/25/2025 19:57:04      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.000084</b> | <b>-.000859</b> | <b>.0041074</b> | <b>-.001159</b> | <b>-.001006</b> | <b>F .0164261</b> |
| Stddev | .000052         | .001343         | .0013384        | .000676         | .001450         | .0040745          |
| %RSD   | 62.48475        | 156.2937        | 32.58543        | 58.28435        | 144.0988        | 24.80519          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000028</b> | <b>-.001869</b> | <b>.0049072</b> | <b>-.001897</b> | <b>-.002518</b> | <b>.0210368</b> |
| #2 | <b>-.000091</b> | <b>.000665</b>  | <b>.0025622</b> | <b>-.001009</b> | <b>.000372</b>  | <b>.0149321</b> |
| #3 | <b>-.000132</b> | <b>-.001374</b> | <b>.0048526</b> | <b>-.000571</b> | <b>-.000872</b> | <b>.0133095</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0001409</b> |
| Stddev | .0000552        |
| %RSD   | 39.16020        |

|    |                 |
|----|-----------------|
| #1 | <b>.0001398</b> |
| #2 | <b>.0001967</b> |
| #3 | <b>.0000863</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>5414.496</b> | <b>43757.69</b> | <b>2308.243</b> | <b>3844.992</b> | <b>6083.921</b> |
| Stddev    | 11.607          | 160.71          | 20.532          | 15.499          | 10.879          |
| %RSD      | .2143738        | .3672745        | .8895190        | .4030910        | .1788221        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5410.040 | 43796.12 | 2328.436 | 3837.827 | 6076.433 |
| #2 | 5405.776 | 43895.70 | 2308.906 | 3862.777 | 6078.930 |
| #3 | 5427.670 | 43581.25 | 2287.388 | 3834.372 | 6096.401 |

Sample Name: PB168613BL      Acquired: 6/25/2025 20:01:34      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.000483</b> | <b>-.000487</b> | <b>.0009304</b> | <b>.0019702</b> | <b>-.002632</b> | <b>.0053239</b> | <b>-.001573</b> |
| Stddev | .001922         | .000928         | .0010264        | .0020396        | .002511         | .0262040        | .001019         |
| %RSD   | 398.3222        | 190.5770        | 110.3253        | 103.5248        | 95.38786        | 492.1995        | 64.79910        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001652  | -.001402 | .0019848 | -.000153 | -.002769 | .0203472 | -.002402 |
| #2 | -.001022 | .000453  | -.000066 | .003915  | -.000056 | .0205581 | -.000435 |
| #3 | -.002078 | -.000511 | .000872  | .002149  | -.005071 | -.024934 | -.001880 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000082</b> | <b>.0000669</b> | <b>-.044312</b> | <b>-.001158</b> | <b>-.000089</b> | <b>-.000016</b> | <b>-.011930</b> |
| Stddev | .000057         | .0000750        | .022306         | .001215         | .000246         | .000287         | .016700         |
| %RSD   | 69.67653        | 112.1508        | 50.33769        | 104.8809        | 277.4252        | 1773.277        | 139.9834        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000045 | .0001501 | -.018561 | -.001986 | -.000300 | -.000343 | -.030526 |
| #2 | -.000052 | .0000045 | -.056748 | -.001725 | -.000148 | .000101  | .001788  |
| #3 | -.000147 | .0000460 | -.057628 | .000236  | .000181  | .000194  | -.007052 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0037966</b> | <b>.0400268</b> | <b>-.000132</b> | <b>.0013859</b> | <b>.0816868</b> | <b>-.010249</b> | <b>-.000375</b> |
| Stddev | .0006051        | .0222331        | .000349         | .0003774        | .0119451        | .010840         | .000460         |
| %RSD   | 15.93711        | 55.54555        | 265.5003        | 27.23283        | 14.62302        | 105.7681        | 122.6747        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032860 | .0487990 | .000270  | .0012634 | .0883458 | -.022382 | .000094  |
| #2 | .0044649 | .0565355 | -.000369 | .0010850 | .0888181 | -.006850 | -.000394 |
| #3 | .0036389 | .0147458 | -.000296 | .0018094 | .0678965 | -.001516 | -.000825 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0068015</b> | <b>.0013797</b> | <b>.0181627</b> | <b>-.000033</b> | <b>.0005665</b> | <b>.0075370</b> | <b>-.001642</b> |
| Stddev | .0005625        | .0017746        | .0007137        | .000332         | .0026435        | .0017798        | .000702         |
| %RSD   | 8.269680        | 128.6272        | 3.929585        | 1006.741        | 466.6787        | 23.61365        | 42.73219        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071005 | .0029527 | .0186464 | -.000257 | .0021310 | .0055133 | -.001116 |
| #2 | .0071512 | -.000544 | .0184987 | .000348  | -.002486 | .0088588 | -.001371 |
| #3 | .0061526 | .001730  | .0173430 | -.000189 | .002054  | .0082390 | -.002439 |

Sample Name: PB168613BL      Acquired: 6/25/2025 20:01:34      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001334</b> | <b>-.006225</b> | <b>.0000652</b> |
| Stddev | .002329         | .006217         | .0002028        |
| %RSD   | 174.5584        | 99.87077        | 311.0007        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000089</b> | <b>-.005700</b> | <b>.0001916</b> |
| #2 | <b>.000108</b>  | <b>-.000287</b> | <b>.0001727</b> |
| #3 | <b>-.004021</b> | <b>-.012688</b> | <b>-.000169</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>5425.911</b> | <b>43663.44</b> | <b>2326.478</b> | <b>3826.780</b> | <b>6106.302</b> |
| Stddev    | 11.152          | 171.54          | 19.886          | 12.190          | 12.190          |
| %RSD      | .2055257        | .3928760        | .8547657        | .3185388        | .1996256        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5413.434 | 43861.35 | 2317.945 | 3833.508 | 6092.320 |
| #2 | 5429.394 | 43557.32 | 2312.282 | 3812.708 | 6114.698 |
| #3 | 5434.906 | 43571.65 | 2349.206 | 3834.122 | 6111.888 |

Sample Name: PB168613BS      Acquired: 6/25/2025 20:06:03      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.7232583</b> | <b>1.962754</b> | <b>.9486105</b> | <b>1.971423</b> | <b>.7987644</b> | <b>1.988872</b> | <b>.1989380</b> |
| Stddev | .0035183        | .002925         | .0018918        | .001115         | .0034099        | .030881         | .0007149        |
| %RSD   | .4864472        | .1490089        | .1994234        | .0565452        | .4268917        | 1.552702        | .3593443        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7210879 | 1.960156 | .9468206 | 1.970179 | .8018196 | 2.009475 | .1995705 |
| #2 | .7213694 | 1.965922 | .9484212 | 1.971759 | .7950858 | 1.953366 | .1981624 |
| #3 | .7273176 | 1.962184 | .9505898 | 1.972331 | .7993878 | 2.003777 | .1990812 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2181971</b> | <b>.1890265</b> | <b>1.014386</b> | <b>.4065894</b> | <b>.1933965</b> | <b>.3315136</b> | <b>3.150061</b> |
| Stddev | .0018001        | .0001985        | .006775         | .0022568        | .0004884        | .0030474        | .023248         |
| %RSD   | .8249828        | .1049848        | .6678507        | .5550506        | .2525280        | .9192450        | .7380281        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2198657 | .1887995 | 1.011832 | .4090607 | .1933700 | .3337443 | 3.123216 |
| #2 | .2162894 | .1891668 | 1.009261 | .4060696 | .1929219 | .3280414 | 3.163504 |
| #3 | .2184361 | .1891134 | 1.022067 | .4046378 | .1938976 | .3327551 | 3.163462 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2081350</b> | <b>2.069299</b> | <b>.4825365</b> | <b>.0762803</b> | <b>2.931354</b> | <b>.2953789</b> | <b>.2059843</b> |
| Stddev | .0011580        | .019309         | .0005421        | .0007006        | .036650         | .0057687        | .0002137        |
| %RSD   | .5563692        | .9331388        | .1123514        | .9184849        | 1.250278        | 1.952975        | .1037611        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2094708 | 2.056035 | .4819105 | .0765689 | 2.971708 | .3015111 | .2061906 |
| #2 | .2075192 | 2.091452 | .4828476 | .0754814 | 2.900136 | .2900600 | .2059984 |
| #3 | .2074151 | 2.060411 | .4828515 | .0767904 | 2.922219 | .2945658 | .2057638 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.449765</b> | <b>5.539167</b> | <b>.3204654</b> | <b>.3988428</b> | <b>.0011679</b> | <b>.9676541</b> | <b>.6690466</b> |
| Stddev | .083011         | .003832         | .0018509        | .0003939        | .0018774        | .0103404        | .0011347        |
| %RSD   | .9824036        | .0691725        | .5775612        | .0987485        | 160.7488        | 1.068607        | .1696003        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.533127 | 5.535158 | .3216145 | .3983883 | .0033238 | .9735485 | .6682169 |
| #2 | 8.367110 | 5.542792 | .3183303 | .3990578 | -.000107 | .9557143 | .6703396 |
| #3 | 8.449057 | 5.539550 | .3214514 | .3990824 | .000287  | .9736994 | .6685832 |

Sample Name: PB168613BS      Acquired: 6/25/2025 20:06:03      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1977977 | .1951461 | .2044650 |
| Stddev | .0030731 | .0026960 | .0004856 |
| %RSD   | 1.553640 | 1.381539 | .2374971 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1975534 | .1943676 | .2049460 |
| #2 | .2009856 | .1981458 | .2039750 |
| #3 | .1948541 | .1929251 | .2044740 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5354.938 | 43084.81 | 2289.298 | 3791.204 | 5869.488 |
| Stddev    | 5.640    | 74.27    | 13.054   | 9.134    | 4.408    |
| %RSD      | .1053215 | .1723899 | .5702030 | .2409265 | .0750946 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5360.195 | 43005.88 | 2278.876 | 3787.731 | 5873.568 |
| #2 | 5348.981 | 43095.23 | 2303.939 | 3784.315 | 5864.813 |
| #3 | 5355.637 | 43153.33 | 2285.079 | 3801.565 | 5870.082 |

Sample Name: Q2409-02      Acquired: 6/25/2025 20:10:24      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.011700</b> | <b>-.001244</b> | <b>.0303441</b> | <b>-.009285</b> | <b>.0125145</b> | <b>.4112920</b> | <b>.1499915</b> |
| Stddev | .004572         | .001246         | .0019297        | .003066         | .0017050        | .0242806        | .0022793        |
| %RSD   | 39.07543        | 100.1982        | 6.359257        | 33.01683        | 13.62427        | 5.903494        | 1.519621        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.013398</b> | <b>-.001626</b> | <b>.0310421</b> | <b>-.012684</b> | <b>.0106410</b> | <b>.4356761</b> | <b>.1474569</b> |
| #2 | <b>-.015181</b> | <b>-.002255</b> | <b>.0318277</b> | <b>-.008442</b> | <b>.0129274</b> | <b>.4110836</b> | <b>.1506450</b> |
| #3 | <b>-.006522</b> | <b>.000149</b>  | <b>.0281626</b> | <b>-.006729</b> | <b>.0139751</b> | <b>.3871162</b> | <b>.1518728</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000078</b> | <b>.0131912</b> | <b>34.14211</b> | <b>.0020254</b> | <b>.0123917</b> | <b>.0185621</b> | <b>.1843085</b> |
| Stddev | .0000311        | .0001685        | .20930          | .0008280        | .0002092        | .0005023        | .0005432        |
| %RSD   | 397.6847        | 1.277423        | .6130168        | 40.87933        | 1.688615        | 2.705821        | .2947475        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000012</b> | <b>.0132307</b> | <b>33.90184</b> | <b>.0024917</b> | <b>.0124391</b> | <b>.0190245</b> | <b>.1837482</b> |
| #2 | <b>.000044</b>  | <b>.0130065</b> | <b>34.23972</b> | <b>.0010694</b> | <b>.0121628</b> | <b>.0180277</b> | <b>.1843446</b> |
| #3 | <b>-.000008</b> | <b>.0133365</b> | <b>34.28477</b> | <b>.0025150</b> | <b>.0125732</b> | <b>.0186340</b> | <b>.1848329</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1012824</b> | <b>2.978351</b> | <b>.0025494</b> | <b>.0002450</b> | <b>394.0711</b> | <b>-.007308</b> | <b>.1129728</b> |
| Stddev | .0010991        | .041533         | .0002031        | .0008963        | 3.5175          | .000366         | .0008103        |
| %RSD   | 1.085146        | 1.394496        | 7.966194        | 365.9095        | .8925942        | 5.009368        | .7172212        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1022142</b> | <b>2.930582</b> | <b>.0023151</b> | <b>.0011336</b> | <b>390.3735</b> | <b>-.007281</b> | <b>.1137796</b> |
| #2 | <b>.1000703</b> | <b>3.005920</b> | <b>.0026745</b> | <b>.0002602</b> | <b>397.3754</b> | <b>-.007686</b> | <b>.1121591</b> |
| #3 | <b>.1015626</b> | <b>2.998552</b> | <b>.0026588</b> | <b>-.000659</b> | <b>394.4644</b> | <b>-.006955</b> | <b>.1129796</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.272856</b> | <b>.1385323</b> | <b>.0295691</b> | <b>.0018631</b> | <b>1.562598</b> | <b>1.584455</b> | <b>.0017064</b> |
| Stddev | .005741         | .0015336        | .0026223        | .0001265        | .004871         | .011828         | .0003214        |
| %RSD   | .4510066        | 1.107012        | 8.868492        | 6.787345        | .3117354        | .7465089        | 18.83578        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.266813</b> | <b>.1383788</b> | <b>.0265412</b> | <b>.0017301</b> | <b>1.558998</b> | <b>1.571444</b> | <b>.0020006</b> |
| #2 | <b>1.273519</b> | <b>.1370812</b> | <b>.0311013</b> | <b>.0019818</b> | <b>1.560655</b> | <b>1.587366</b> | <b>.0013633</b> |
| #3 | <b>1.278236</b> | <b>.1401368</b> | <b>.0310649</b> | <b>.0018773</b> | <b>1.568141</b> | <b>1.594556</b> | <b>.0017553</b> |

Sample Name: Q2409-02      Acquired: 6/25/2025 20:10:24      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0068859 | -.031719 | .2205210 |
| Stddev | .0056263 | .004952  | .0014184 |
| %RSD   | 81.70644 | 15.61107 | .6432225 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005066 | -.033776 | .2189201 |
| #2 | .0111399 | -.026070 | .2216211 |
| #3 | .0090113 | -.035310 | .2210219 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5085.807 | 39754.90 | 2246.647 | 3570.841 | 5124.031 |
| Stddev    | 29.899   | 82.30    | 20.014   | 7.583    | 25.305   |
| %RSD      | .5878971 | .2070174 | .8908600 | .2123624 | .4938410 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5111.433 | 39694.41 | 2269.331 | 3562.890 | 5146.012 |
| #2 | 5093.031 | 39848.62 | 2239.133 | 3577.993 | 5129.712 |
| #3 | 5052.958 | 39721.66 | 2231.477 | 3571.639 | 5096.369 |

Sample Name: Q2409-02DUP      Acquired: 6/25/2025 20:14:56      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.013244</b> | <b>-.003118</b> | <b>.0308565</b> | <b>-.012294</b> | <b>.0111816</b> | <b>.4109959</b> | <b>.1463340</b> |
| Stddev | .001035         | .000296         | .0010696        | .004633         | .0026105        | .0134086        | .0005379        |
| %RSD   | 7.817670        | 9.483470        | 3.466306        | 37.68356        | 23.34682        | 3.262462        | .3675652        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.012049</b> | <b>-.002813</b> | <b>.0320316</b> | <b>-.008986</b> | <b>.0083258</b> | <b>.4260286</b> | <b>.1468820</b> |
| #2 | <b>-.013868</b> | <b>-.003403</b> | <b>.0299398</b> | <b>-.010307</b> | <b>.0134451</b> | <b>.4066898</b> | <b>.1458068</b> |
| #3 | <b>-.013814</b> | <b>-.003138</b> | <b>.0305980</b> | <b>-.017588</b> | <b>.0117738</b> | <b>.4002694</b> | <b>.1463132</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000072</b> | <b>.0129763</b> | <b>33.21601</b> | <b>.0038483</b> | <b>.0120639</b> | <b>.0165445</b> | <b>.1999050</b> |
| Stddev | .000016         | .0000268        | .08525          | .0003746        | .0002907        | .0009642        | .0157375        |
| %RSD   | 22.80363        | .2066499        | .2566429        | 9.734810        | 2.409834        | 5.827879        | 7.872518        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000057</b> | <b>.0129509</b> | <b>33.31073</b> | <b>.0042458</b> | <b>.0118558</b> | <b>.0170870</b> | <b>.1898666</b> |
| #2 | <b>-.000071</b> | <b>.0130043</b> | <b>33.14546</b> | <b>.0035017</b> | <b>.0119397</b> | <b>.0171152</b> | <b>.2180426</b> |
| #3 | <b>-.000089</b> | <b>.0129738</b> | <b>33.19184</b> | <b>.0037975</b> | <b>.0123961</b> | <b>.0154313</b> | <b>.1918056</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0992150</b> | <b>2.871521</b> | <b>.0038011</b> | <b>-.000444</b> | <b>383.5830</b> | <b>-.005721</b> | <b>.1102232</b> |
| Stddev | .0016257        | .006873         | .0003641        | .000293         | 2.7354          | .006455         | .0004870        |
| %RSD   | 1.638592        | .2393402        | 9.577660        | 65.96561        | .7131192        | 112.8337        | .4418362        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1010581</b> | <b>2.868429</b> | <b>.0037192</b> | <b>-.000168</b> | <b>384.3114</b> | <b>-.013156</b> | <b>.1106604</b> |
| #2 | <b>.0979848</b> | <b>2.879396</b> | <b>.0034850</b> | <b>-.000413</b> | <b>380.5571</b> | <b>-.002462</b> | <b>.1103109</b> |
| #3 | <b>.0986020</b> | <b>2.866737</b> | <b>.0041992</b> | <b>-.000752</b> | <b>385.8804</b> | <b>-.001545</b> | <b>.1096983</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.234791</b> | <b>.1337745</b> | <b>.0243428</b> | <b>.0021426</b> | <b>1.504541</b> | <b>1.557125</b> | <b>.0012512</b> |
| Stddev | .008602         | .0019551        | .0019287        | .0006373        | .003620         | .010061         | .0004387        |
| %RSD   | .6966638        | 1.461469        | 7.922929        | 29.74537        | .2406116        | .6461364        | 35.06282        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.240083</b> | <b>.1315305</b> | <b>.0265192</b> | <b>.0017744</b> | <b>1.507152</b> | <b>1.562406</b> | <b>.0007531</b> |
| #2 | <b>1.224865</b> | <b>.1346834</b> | <b>.0228458</b> | <b>.0017750</b> | <b>1.500408</b> | <b>1.545523</b> | <b>.0014203</b> |
| #3 | <b>1.239425</b> | <b>.1351098</b> | <b>.0236633</b> | <b>.0028785</b> | <b>1.506062</b> | <b>1.563446</b> | <b>.0015802</b> |

Sample Name: Q2409-02DUP      Acquired: 6/25/2025 20:14:56      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0102731 | -.028229 | .2148469 |
| Stddev | .0024173 | .001815  | .0011328 |
| %RSD   | 23.53049 | 6.431026 | .5272638 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0098969 | -.027255 | .2160075 |
| #2 | .0128564 | -.027108 | .2137441 |
| #3 | .0080659 | -.030323 | .2147891 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5162.349 | 40530.02 | 2306.572 | 3638.123 | 5206.290 |
| Stddev    | 9.553    | 211.77   | 8.222    | 16.573   | 12.800   |
| %RSD      | .1850598 | .5225055 | .3564475 | .4555319 | .2458539 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5169.618 | 40633.74 | 2306.128 | 3633.462 | 5220.054 |
| #2 | 5151.529 | 40286.38 | 2315.006 | 3624.380 | 5194.744 |
| #3 | 5165.901 | 40669.94 | 2298.581 | 3656.527 | 5204.072 |

Sample Name: Q2409-02LX5      Acquired: 6/25/2025 20:19:26      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>-.003822</b> | <b>-.001181</b> | <b>.0067597</b> | <b>-.002992</b> | <b>.0022091</b> | <b>.0862676</b> | <b>.0296231</b> |
| Stddev | .002227         | .000608         | .0015319        | .001211         | .0030583        | .0261042        | .0003745        |
| %RSD   | 58.27163        | 51.48340        | 22.66222        | 40.48220        | 138.4409        | 30.25952        | 1.264174        |
| #1     | <b>-.003992</b> | <b>-.000480</b> | <b>.0052468</b> | <b>-.001734</b> | <b>-.000885</b> | <b>.0764024</b> | <b>.0292315</b> |
| #2     | <b>-.001514</b> | <b>-.001493</b> | <b>.0083099</b> | <b>-.004150</b> | <b>.002281</b>  | <b>.0665338</b> | <b>.0296598</b> |
| #3     | <b>-.005959</b> | <b>-.001570</b> | <b>.0067223</b> | <b>-.003091</b> | <b>.005231</b>  | <b>.1158667</b> | <b>.0299778</b> |
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000619</b> | <b>.0025638</b> | <b>6.876763</b> | <b>.0005246</b> | <b>.0037283</b> | <b>.0037294</b> | <b>.0371106</b> |
| Stddev | .0000253        | .0000260        | .008076         | .0008253        | .0003636        | .0004552        | .0133840        |
| %RSD   | 40.92110        | 1.015556        | .1174375        | 157.3139        | 9.751768        | 12.20566        | 36.06518        |
| #1     | <b>.0000848</b> | <b>.0025843</b> | <b>6.879099</b> | <b>.0013690</b> | <b>.0038611</b> | <b>.0035811</b> | <b>.0293320</b> |
| #2     | <b>.0000347</b> | <b>.0025726</b> | <b>6.867777</b> | <b>-.000280</b> | <b>.0040068</b> | <b>.0042402</b> | <b>.0294348</b> |
| #3     | <b>.0000661</b> | <b>.0025345</b> | <b>6.883414</b> | <b>.000485</b>  | <b>.0033170</b> | <b>.0033668</b> | <b>.0525651</b> |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0231888</b> | <b>.6136950</b> | <b>.0004763</b> | <b>.0002453</b> | <b>89.73311</b> | <b>-.004243</b> | <b>.0213545</b> |
| Stddev | .0007936        | .0507480        | .0001463        | .0015708        | .22270          | .005462         | .0005512        |
| %RSD   | 3.422244        | 8.269252        | 30.71958        | 640.3280        | .2481812        | 128.7358        | 2.581323        |
| #1     | <b>.0236216</b> | <b>.5948097</b> | <b>.0005588</b> | <b>.0014893</b> | <b>89.91112</b> | <b>-.008881</b> | <b>.0219123</b> |
| #2     | <b>.0236719</b> | <b>.5750974</b> | <b>.0003074</b> | <b>-.001520</b> | <b>89.48339</b> | <b>.001778</b>  | <b>.0208101</b> |
| #3     | <b>.0222729</b> | <b>.6711780</b> | <b>.0005627</b> | <b>.000766</b>  | <b>89.80483</b> | <b>-.005625</b> | <b>.0213411</b> |
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2195511</b> | <b>.0258209</b> | <b>.0061563</b> | <b>.0003926</b> | <b>.2991525</b> | <b>.3402811</b> | <b>-.000885</b> |
| Stddev | .0007956        | .0007461        | .0012566        | .0003135        | .0035557        | .0033046        | .000459         |
| %RSD   | .3623915        | 2.889690        | 20.41170        | 79.84206        | 1.188600        | .9711498        | 51.84935        |
| #1     | <b>.2204083</b> | <b>.0263297</b> | <b>.0047407</b> | <b>.0007139</b> | <b>.2984105</b> | <b>.3429059</b> | <b>-.000472</b> |
| #2     | <b>.2194087</b> | <b>.0249644</b> | <b>.0065883</b> | <b>.0003763</b> | <b>.2960263</b> | <b>.3365700</b> | <b>-.001379</b> |
| #3     | <b>.2188362</b> | <b>.0261687</b> | <b>.0071400</b> | <b>.0000876</b> | <b>.3030206</b> | <b>.3413673</b> | <b>-.000805</b> |

Sample Name: Q2409-02LX5      Acquired: 6/25/2025 20:19:26      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006674 | .0241347 | .0444882 |
| Stddev | .0021613 | .0018185 | .0001099 |
| %RSD   | 323.8710 | 7.534765 | .2470561 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000298 | .0260134 | .0446151 |
| #2 | -.000843 | .0240077 | .0444234 |
| #3 | .003143  | .0223830 | .0444262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5211.437 | 41503.44 | 2272.790 | 3668.558 | 5491.696 |
| Stddev    | 5.574    | 35.92    | 3.231    | 2.209    | 1.354    |
| %RSD      | .1069626 | .0865453 | .1421735 | .0602099 | .0246609 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5205.075 | 41494.49 | 2272.139 | 3668.826 | 5490.591 |
| #2 | 5213.771 | 41472.85 | 2276.297 | 3666.228 | 5491.289 |
| #3 | 5215.465 | 41542.99 | 2269.933 | 3670.621 | 5493.207 |

Sample Name: Q2409-02MS      Acquired: 6/25/2025 20:23:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.8195769</b> | <b>1.914413</b> | <b>1.024070</b> | <b>2.005265</b> | <b>.8356818</b> | <b>2.433035</b> | <b>.3446023</b> |
| Stddev | .0035018        | .001800         | .004640         | .006744         | .0035452        | .010032         | .0003943        |
| %RSD   | .4272632        | .0940489        | .4531307        | .3363379        | .4242254        | .4123155        | .1144183        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8161388 | 1.914372 | 1.018861 | 2.004883 | .8379982 | 2.425705 | .3441735 |
| #2 | .8194529 | 1.912633 | 1.027761 | 1.998720 | .8316006 | 2.428931 | .3446839 |
| #3 | .8231390 | 1.916233 | 1.025589 | 2.012193 | .8374466 | 2.444468 | .3449493 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2138486</b> | <b>.2200219</b> | <b>33.05322</b> | <b>.4221380</b> | <b>.2165770</b> | <b>.3262101</b> | <b>3.313712</b> |
| Stddev | .0002943        | .0007956        | .11926          | .0013631        | .0003329        | .0017315        | .038114         |
| %RSD   | .1376049        | .3615775        | .3608080        | .3228958        | .1537241        | .5308043        | 1.150190        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2139334 | .2191859 | 32.91556 | .4207003 | .2162152 | .3265461 | 3.276514 |
| #2 | .2135213 | .2201100 | 33.12501 | .4234115 | .2166453 | .3243352 | 3.311941 |
| #3 | .2140912 | .2207697 | 33.11910 | .4223022 | .2168704 | .3277491 | 3.352680 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2963966</b> | <b>4.762388</b> | <b>.5138627</b> | <b>.0764911</b> | <b>368.8736</b> | <b>.3090861</b> | <b>.3129739</b> |
| Stddev | .0025419        | .039421         | .0018275        | .0004111        | 2.0237          | .0059946        | .0016141        |
| %RSD   | .8576113        | .8277580        | .3556388        | .5374665        | .5486197        | 1.939448        | .5157162        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2939479 | 4.718566 | .5119804 | .0769657 | 369.8955 | .3160004 | .3122876 |
| #2 | .2962193 | 4.794966 | .5139776 | .0762455 | 366.5427 | .3059099 | .3148177 |
| #3 | .2990225 | 4.773631 | .5156300 | .0762621 | 370.1825 | .3053479 | .3118164 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>14.00556</b> | <b>6.529449</b> | <b>.3060247</b> | <b>.4221794</b> | <b>1.423625</b> | <b>2.435478</b> | <b>.7338516</b> |
| Stddev | .08570          | .014036         | .0025070        | .0006624        | .009194         | .004919         | .0006922        |
| %RSD   | .6118797        | .2149623        | .8192246        | .1569094        | .6458103        | .2019794        | .0943258        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.93167 | 6.517807 | .3083374 | .4214788 | 1.415827 | 2.432959 | .7330527 |
| #2 | 13.98550 | 6.525506 | .3033605 | .4227957 | 1.421285 | 2.432329 | .7342717 |
| #3 | 14.09951 | 6.545035 | .3063761 | .4222636 | 1.433762 | 2.441147 | .7342305 |

Sample Name: Q2409-02MS      Acquired: 6/25/2025 20:23:53      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2163961</b> | <b>.1614637</b> | <b>.4085712</b> |
| Stddev | .0020021        | .0055815        | .0018970        |
| %RSD   | .9252077        | 3.456814        | .4643106        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2152999</b> | <b>.1617526</b> | <b>.4064992</b> |
| #2 | <b>.2151815</b> | <b>.1668951</b> | <b>.4089916</b> |
| #3 | <b>.2187070</b> | <b>.1557433</b> | <b>.4102227</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>5139.466</b> | <b>40528.72</b> | <b>2276.804</b> | <b>3623.066</b> | <b>5185.770</b> |
| Stddev    | 8.553           | 273.57          | 4.354           | 27.764          | 17.479          |
| %RSD      | .1664234        | .6750021        | .1912435        | .7663207        | .3370512        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5148.988 | 40675.76 | 2281.333 | 3642.214 | 5205.950 |
| #2 | 5136.977 | 40213.07 | 2276.430 | 3591.224 | 5175.962 |
| #3 | 5132.434 | 40697.31 | 2272.649 | 3635.759 | 5175.398 |

Sample Name: Q2409-02MSD      Acquired: 6/25/2025 20:28:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.8253045</b> | <b>1.942973</b> | <b>1.035527</b> | <b>2.029862</b> | <b>.8450577</b> | <b>2.473420</b> | <b>.3378570</b> |
| Stddev | .0012376        | .006730         | .003497         | .002023         | .0019893        | .033260         | .0007410        |
| %RSD   | .1499617        | .3464015        | .3377385        | .0996575        | .2354076        | 1.344686        | .2193280        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8238769 | 1.935538 | 1.031513 | 2.031586 | .8454960 | 2.510600 | .3370018 |
| #2 | .8260745 | 1.944730 | 1.037148 | 2.030365 | .8467914 | 2.446498 | .3382633 |
| #3 | .8259622 | 1.948651 | 1.037920 | 2.027635 | .8428858 | 2.463162 | .3383061 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2137200</b> | <b>.2220455</b> | <b>31.30900</b> | <b>.4250779</b> | <b>.2189184</b> | <b>.3284190</b> | <b>3.336276</b> |
| Stddev | .0020129        | .0006332        | .13155          | .0011533        | .0007071        | .0025631        | .013524         |
| %RSD   | .9418338        | .2851789        | .4201730        | .2713073        | .3229947        | .7804481        | .4053730        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2159319 | .2213430 | 31.18444 | .4260015 | .2190302 | .3307672 | 3.333648 |
| #2 | .2119957 | .2222210 | 31.29600 | .4254468 | .2181621 | .3256847 | 3.350921 |
| #3 | .2132325 | .2225724 | 31.44658 | .4237853 | .2195629 | .3288050 | 3.324258 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2930266</b> | <b>4.616552</b> | <b>.5208578</b> | <b>.0761466</b> | <b>350.0736</b> | <b>.3120951</b> | <b>.3100513</b> |
| Stddev | .0027426        | .039491         | .0006482        | .0007722        | 1.5963          | .0056207        | .0005322        |
| %RSD   | .9359662        | .8554129        | .1244485        | 1.014139        | .4560032        | 1.800950        | .1716346        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2920170 | 4.580353 | .5201236 | .0752814 | 351.8481 | .3175680 | .3104182 |
| #2 | .2909319 | 4.658667 | .5210989 | .0767660 | 349.6187 | .3123800 | .3102946 |
| #3 | .2961310 | 4.610637 | .5213509 | .0763926 | 348.7542 | .3063375 | .3094409 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.76083</b> | <b>6.592864</b> | <b>.3048398</b> | <b>.4284896</b> | <b>1.339696</b> | <b>2.359093</b> | <b>.7432612</b> |
| Stddev | .18953          | .018125         | .0006661        | .0004622        | .009574         | .019582         | .0005821        |
| %RSD   | 1.377348        | .2749145        | .2185079        | .1078652        | .7146464        | .8300615        | .0783210        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.97929 | 6.573112 | .3040707 | .4279611 | 1.330458 | 2.376505 | .7430734 |
| #2 | 13.64023 | 6.608732 | .3052258 | .4286892 | 1.339055 | 2.337894 | .7439140 |
| #3 | 13.66297 | 6.596747 | .3052230 | .4288184 | 1.349574 | 2.362880 | .7427961 |

Sample Name: Q2409-02MSD      Acquired: 6/25/2025 20:28:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2169687 | .1639622 | .4008756 |
| Stddev | .0025793 | .0049093 | .0015568 |
| %RSD   | 1.188811 | 2.994196 | .3883458 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2196714 | .1585862 | .3991142 |
| #2 | .2145336 | .1650928 | .4020674 |
| #3 | .2167010 | .1682077 | .4014451 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5134.047 | 40705.77 | 2294.137 | 3636.508 | 5186.177 |
| Stddev    | 7.695    | 285.27   | 14.130   | 30.347   | 11.112   |
| %RSD      | .1498828 | .7008011 | .6159257 | .8345022 | .2142700 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5129.549 | 40590.22 | 2279.233 | 3623.715 | 5180.767 |
| #2 | 5129.660 | 40496.40 | 2295.837 | 3614.653 | 5178.805 |
| #3 | 5142.932 | 41030.68 | 2307.340 | 3671.157 | 5198.958 |

Sample Name: Q2409-02A      Acquired: 6/25/2025 20:32:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.7923953</b> | <b>1.846496</b> | <b>.9880268</b> | <b>1.945960</b> | <b>.7992477</b> | <b>2.345864</b> | <b>.3416654</b> |
| Stddev | .0031992        | .003311         | .0032911        | .003827         | .0036013        | .016612         | .0003342        |
| %RSD   | .4037364        | .1793332        | .3330973        | .1966744        | .4505815        | .7081457        | .0978057        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7888923 | 1.843440 | .9857388 | 1.941630 | .8034053 | 2.334423 | .3414975 |
| #2 | .7951624 | 1.850014 | .9917986 | 1.947364 | .7972403 | 2.364918 | .3420502 |
| #3 | .7931314 | 1.846035 | .9865431 | 1.948888 | .7970976 | 2.338250 | .3414485 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2044544</b> | <b>.2136157</b> | <b>34.03629</b> | <b>.4130568</b> | <b>.2096093</b> | <b>.3140566</b> | <b>3.218612</b> |
| Stddev | .0012244        | .0008387        | .10266          | .0035828        | .0005247        | .0009378        | .033610         |
| %RSD   | .5988552        | .3925984        | .3016118        | .8673943        | .2503228        | .2986252        | 1.044225        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2032902 | .2132514 | 33.92993 | .4124756 | .2097569 | .3129755 | 3.227916 |
| #2 | .2057312 | .2145749 | 34.13479 | .4098001 | .2100444 | .3146514 | 3.246589 |
| #3 | .2043417 | .2130209 | 34.04415 | .4168947 | .2090266 | .3145430 | 3.181330 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2917618</b> | <b>4.764973</b> | <b>.5008810</b> | <b>.0709373</b> | <b>383.8120</b> | <b>.3061106</b> | <b>.3112351</b> |
| Stddev | .0009957        | .052271         | .0012660        | .0007889        | 2.4475          | .0017067        | .0034549        |
| %RSD   | .3412788        | 1.096986        | .2527554        | 1.112117        | .6376739        | .5575566        | 1.110048        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2906161 | 4.712635 | .5004281 | .0700695 | 382.2791 | .3046758 | .3130243 |
| #2 | .2922508 | 4.817177 | .5023112 | .0716112 | 382.5224 | .3079980 | .3072526 |
| #3 | .2924185 | 4.765106 | .4999037 | .0711311 | 386.6347 | .3056579 | .3134284 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>13.57536</b> | <b>6.337918</b> | <b>.2948598</b> | <b>.4030311</b> | <b>1.490466</b> | <b>2.438734</b> | <b>.7034272</b> |
| Stddev | .10861          | .019818         | .0027056        | .0006138        | .005342         | .002370         | .0010957        |
| %RSD   | .8000453        | .3126892        | .9175935        | .1523019        | .3583839        | .0971954        | .1557600        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.57265 | 6.331471 | .2930098 | .4036928 | 1.488173 | 2.437644 | .7042086 |
| #2 | 13.46814 | 6.360157 | .2936044 | .4029202 | 1.496571 | 2.437105 | .7038982 |
| #3 | 13.68531 | 6.322126 | .2979650 | .4024803 | 1.486653 | 2.441453 | .7021748 |

Sample Name: Q2409-02A      Acquired: 6/25/2025 20:32:52      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2052880 | .1607420 | .4090920 |
| Stddev | .0049414 | .0014708 | .0006843 |
| %RSD   | 2.407042 | .9149926 | .1672753 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2001609 | .1592606 | .4083397 |
| #2 | .2056832 | .1622019 | .4096774 |
| #3 | .2100199 | .1607636 | .4092590 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5141.782 | 40454.89 | 2284.183 | 3628.337 | 5182.597 |
| Stddev    | 33.511   | 414.74   | 18.935   | 40.993   | 27.920   |
| %RSD      | .6517463 | 1.025203 | .8289580 | 1.129788 | .5387308 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5123.329 | 40567.48 | 2302.425 | 3619.870 | 5169.764 |
| #2 | 5121.554 | 40801.71 | 2285.499 | 3672.902 | 5163.400 |
| #3 | 5180.465 | 39995.47 | 2264.624 | 3592.239 | 5214.626 |

Sample Name: Q2381-01DL2X10      Acquired: 6/25/2025 20:37:21      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115877 | -.005693 | .0749357 | .0137393 | .0063210 | 24.96500 | .1257814 |
| Stddev | .0035027 | .000321  | .0019367 | .0041189 | .0014915 | .19315   | .0021568 |
| %RSD   | 30.22787 | 5.630956 | 2.584437 | 29.97898 | 23.59649 | .7736836 | 1.714688 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081004 | -.006022 | .0756239 | .0152290 | .0056500 | 25.17827 | .1274781 |
| #2 | .0151056 | -.005676 | .0727489 | .0169060 | .0080302 | 24.91490 | .1265118 |
| #3 | .0115569 | -.005382 | .0764342 | .0090828 | .0052828 | 24.80184 | .1233543 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016011 | -.000927 | 7.206007 | .0349479 | .0299193 | .0700648 | 51.29196 |
| Stddev | .0000677 | .000032  | .081271  | .0001547 | .0001472 | .0014317 | .34054   |
| %RSD   | 4.226164 | 3.480166 | 1.127822 | .4426915 | .4918148 | 2.043340 | .6639340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015254 | -.000963 | 7.288844 | .0349387 | .0297562 | .0716985 | 51.67730 |
| #2 | .0016224 | -.000916 | 7.202778 | .0351071 | .0299598 | .0690289 | 51.16717 |
| #3 | .0016556 | -.000902 | 7.126398 | .0347980 | .0300420 | .0694670 | 51.03142 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.193271 | 7.229690 | .0316875 | -.003141 | .4536551 | .1243317 | .1380614 |
| Stddev | .007903  | .052724  | .0006828 | .001126  | .0314930 | .0063544 | .0005772 |
| %RSD   | .6623209 | .7292650 | 2.154723 | 35.83092 | 6.942053 | 5.110817 | .4180526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.200927 | 7.271044 | .0319449 | -.003526 | .4809464 | .1291662 | .1386985 |
| #2 | 1.193745 | 7.170319 | .0322042 | -.004024 | .4608229 | .1171344 | .1379123 |
| #3 | 1.185142 | 7.247705 | .0309134 | -.001874 | .4191961 | .1266944 | .1375735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.025941 | 1.075399 | .0209883 | .0012917 | .5901713 | 1.538608 | .0019477 |
| Stddev | .002482  | .003743  | .0007385 | .0001913 | .0038877 | .011463  | .0010206 |
| %RSD   | .2418825 | .3480910 | 3.518454 | 14.80799 | .6587415 | .7450163 | 52.40377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.028724 | 1.079515 | .0209671 | .0010890 | .5930821 | 1.551832 | .0031023 |
| #2 | 1.023959 | 1.072199 | .0217372 | .0014690 | .5857562 | 1.531502 | .0015747 |
| #3 | 1.025141 | 1.074483 | .0202607 | .0013172 | .5916755 | 1.532489 | .0011660 |

Sample Name: Q2381-01DL2X10      Acquired: 6/25/2025 20:37:21      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8608121</b> | <b>.0452186</b> | <b>.0261393</b> |
| Stddev | .0102041        | .0033179        | .0001565        |
| %RSD   | 1.185408        | 7.337465        | .5986450        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8725948</b> | <b>.0461572</b> | <b>.0262810</b> |
| #2 | <b>.8548869</b> | <b>.0415325</b> | <b>.0261655</b> |
| #3 | <b>.8549546</b> | <b>.0479661</b> | <b>.0259713</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>5526.346</b> | <b>44132.20</b> | <b>2427.210</b> | <b>3912.566</b> | <b>5767.002</b> |
| Stddev    | 9.183           | 93.22           | 10.341          | 8.733           | 11.326          |
| %RSD      | .1661622        | .2112302        | .4260643        | .2232016        | .1963864        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5520.091 | 44238.97 | 2415.284 | 3922.525 | 5753.965 |
| #2 | 5536.888 | 44066.99 | 2433.708 | 3906.217 | 5774.411 |
| #3 | 5522.059 | 44090.65 | 2432.636 | 3908.955 | 5772.630 |

Sample Name: Q2381-01DUPDL2X10      Acquired: 6/25/2025 20:41:40      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135769 | -.004797 | .0726464 | .0139233 | .0035946 | 25.03961 | .1266362 |
| Stddev | .0024349 | .001629  | .0010872 | .0039425 | .0021225 | .11539   | .0006483 |
| %RSD   | 17.93383 | 33.94776 | 1.496531 | 28.31609 | 59.04548 | .4608190 | .5119423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0110584 | -.004220 | .0716369 | .0111117 | .0028809 | 25.03592 | .1261327 |
| #2 | .0137540 | -.006636 | .0725048 | .0184298 | .0019210 | 25.15680 | .1273677 |
| #3 | .0159184 | -.003536 | .0737974 | .0122283 | .0059820 | 24.92611 | .1264081 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018351 | -.000952 | 7.164607 | .0349740 | .0290466 | .0725692 | 51.39271 |
| Stddev | .0002007 | .000058  | .078163  | .0001694 | .0002915 | .0006007 | .21362   |
| %RSD   | 10.93688 | 6.081234 | 1.090959 | .4844307 | 1.003595 | .8277790 | .4156652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016840 | -.000979 | 7.155954 | .0350419 | .0289164 | .0725825 | 51.56750 |
| #2 | .0020628 | -.000992 | 7.246736 | .0350990 | .0293805 | .0731631 | 51.45604 |
| #3 | .0017585 | -.000886 | 7.091130 | .0347812 | .0288429 | .0719619 | 51.15458 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.191463 | 7.253413 | .0308117 | -.003595 | .3694820 | .1211413 | .1379459 |
| Stddev | .003674  | .046674  | .0004419 | .000515  | .0125613 | .0020087 | .0013100 |
| %RSD   | .3083653 | .6434701 | 1.434268 | 14.33312 | 3.399712 | 1.658136 | .9496144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.194989 | 7.301120 | .0312996 | -.003351 | .3668510 | .1215858 | .1394487 |
| #2 | 1.187657 | 7.251271 | .0304382 | -.003247 | .3831504 | .1189475 | .1370460 |
| #3 | 1.191742 | 7.207847 | .0306973 | -.004187 | .3584445 | .1228904 | .1373428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.032789 | 1.057480 | .0189941 | .0012603 | .5764053 | 1.575581 | .0017752 |
| Stddev | .010000  | .009835  | .0023345 | .0002608 | .0066764 | .009957  | .0016610 |
| %RSD   | .9682428 | .9299944 | 12.29051 | 20.68888 | 1.158282 | .6319297 | 93.56612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.034571 | 1.068834 | .0167597 | .0011258 | .5838513 | 1.568815 | .0010549 |
| #2 | 1.041777 | 1.051621 | .0214172 | .0015608 | .5744120 | 1.587014 | .0005959 |
| #3 | 1.022017 | 1.051986 | .0188055 | .0010943 | .5709526 | 1.570913 | .0036748 |

Sample Name: Q2381-01DUPDL2X10      Acquired: 6/25/2025 20:41:40      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8559557 | .0196937 | .0261278 |
| Stddev | .0033899 | .0025296 | .0003670 |
| %RSD   | .3960395 | 12.84448 | 1.404776 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8571197 | .0168357 | .0261440 |
| #2 | .8586103 | .0216448 | .0264865 |
| #3 | .8521371 | .0206004 | .0257529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5537.160 | 44607.40 | 2391.204 | 3946.394 | 5789.737 |
| Stddev    | 10.051   | 92.75    | 15.600   | 5.051    | 12.792   |
| %RSD      | .1815274 | .2079330 | .6523992 | .1279868 | .2209505 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5546.805 | 44638.30 | 2404.228 | 3951.650 | 5803.781 |
| #2 | 5537.928 | 44503.14 | 2373.915 | 3945.955 | 5786.682 |
| #3 | 5526.746 | 44680.76 | 2395.469 | 3941.577 | 5778.749 |

Sample Name: CCV06      Acquired: 6/25/2025 20:46:01      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.077502</b> | <b>5.113290</b> | <b>5.097572</b> | <b>5.158745</b> | <b>5.170578</b> | <b>10.16140</b> | <b>10.23090</b> |
| Stddev | .006558         | .006681         | .006740         | .011798         | .011530         | .05636          | .00515          |
| %RSD   | .1291485        | .1306570        | .1322157        | .2287006        | .2229877        | .5546312        | .0502951        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.076856 | 5.115316 | 5.105096 | 5.172321 | 5.180991 | 10.20392 | 10.22875 |
| #2 | 5.071292 | 5.105831 | 5.095530 | 5.150971 | 5.158187 | 10.18281 | 10.23677 |
| #3 | 5.084359 | 5.118724 | 5.092089 | 5.152943 | 5.172555 | 10.09748 | 10.22717 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2672953</b> | <b>2.553527</b> | <b>25.42788</b> | <b>1.028384</b> | <b>2.552751</b> | <b>1.328825</b> | <b>5.037058</b> |
| Stddev | .0016131        | .002410         | .07809          | .002482         | .001552         | .007978         | .016975         |
| %RSD   | .6034943        | .0943845        | .3070984        | .2413460        | .0607781        | .6004004        | .3369991        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2658216 | 2.555997 | 25.45301 | 1.025556 | 2.554095 | 1.322340 | 5.042333 |
| #2 | .2690187 | 2.551182 | 25.49032 | 1.030199 | 2.551053 | 1.337734 | 5.050769 |
| #3 | .2670456 | 2.553400 | 25.34033 | 1.029398 | 2.553104 | 1.326401 | 5.018072 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.511910</b> | <b>25.23691</b> | <b>2.548096</b> | <b>1.270928</b> | <b>25.64946</b> | <b>2.543062</b> | <b>2.568029</b> |
| Stddev | .007948         | .09221          | .002243         | .002076         | .19168          | .001587         | .005690         |
| %RSD   | .3164252        | .3653953        | .0880294        | .1633104        | .7472884        | .0624187        | .2215650        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.512993 | 25.13050 | 2.550565 | 1.269768 | 25.43326 | 2.542241 | 2.561996 |
| #2 | 2.519261 | 25.28673 | 2.546184 | 1.273324 | 25.71652 | 2.544891 | 2.568794 |
| #3 | 2.503475 | 25.29350 | 2.547539 | 1.269692 | 25.79860 | 2.542052 | 2.573298 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.23760</b> | <b>5.188772</b> | <b>5.287417</b> | <b>5.151901</b> | <b>5.157447</b> | <b>5.289511</b> | <b>5.109184</b> |
| Stddev | .03415          | .003600         | .038797         | .006461         | .008327         | .036024         | .003839         |
| %RSD   | .1353050        | .0693793        | .7337694        | .1254092        | .1614521        | .6810397        | .0751429        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.27627 | 5.192703 | 5.243712 | 5.155814 | 5.160461 | 5.249993 | 5.113610 |
| #2 | 25.22492 | 5.185637 | 5.317792 | 5.144444 | 5.148033 | 5.320514 | 5.107189 |
| #3 | 25.21160 | 5.187975 | 5.300746 | 5.155446 | 5.163847 | 5.298027 | 5.106753 |

Sample Name: CCV06      Acquired: 6/25/2025 20:46:01      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.119043 | 5.080556 | 5.185032 |
| Stddev | .012446  | .013228  | .008648  |
| %RSD   | .2431346 | .2603747 | .1667825 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.121594 | 5.077064 | 5.189634 |
| #2 | 5.130016 | 5.095180 | 5.190405 |
| #3 | 5.105519 | 5.069424 | 5.175056 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5137.735 | 41739.18 | 2262.642 | 3676.013 | 5267.085 |
| Stddev    | 10.546   | 226.92   | 10.632   | 19.222   | 9.200    |
| %RSD      | .2052596 | .5436552 | .4698799 | .5229107 | .1746761 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5125.648 | 41528.68 | 2262.931 | 3655.809 | 5257.565 |
| #2 | 5142.505 | 41709.31 | 2251.869 | 3678.157 | 5267.761 |
| #3 | 5145.054 | 41979.56 | 2273.127 | 3694.074 | 5275.928 |

Sample Name: CCB06      Acquired: 6/25/2025 20:50:17      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001244</b> | <b>-.001317</b> | <b>.0005682</b> | <b>-.000154</b> | <b>-.001528</b> | <b>-.021980</b> |
| Stddev | .001406         | .002181         | .0012081        | .002026         | .003406         | .026221         |
| %RSD   | 113.0315        | 165.6075        | 212.6188        | 1315.913        | 222.8712        | 119.2951        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000008  | -.003106 | .0009836 | .001986  | -.005447 | -.015272 |
| #2 | -.000974 | .001112  | -.000793 | -.002042 | .000151  | .000236  |
| #3 | -.002765 | -.001956 | .001514  | -.000406 | .000712  | -.050903 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677            | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>-.002020</b> | <b>-.000022</b> | <b>.0000977</b> | <b>-.017513</b> | <b>F .0091737</b> | <b>-.000023</b> |
| Stddev | .000090         | .000159         | .0000566        | .018893         | .0004328          | .000420         |
| %RSD   | 4.466497        | 716.7263        | 57.87800        | 107.8813        | 4.717350          | 1827.877        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002120 | -.000202 | .0001326 | -.039327 | .0088341 | .000214  |
| #2 | -.001945 | .000097  | .0000325 | -.006866 | .0090261 | .000225  |
| #3 | -.001996 | .000039  | .0001281 | -.006346 | .0096609 | -.000508 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000150</b> | <b>.0331743</b> | <b>.0019137</b> | <b>.0545837</b> | <b>.0002719</b> | <b>-.000246</b> |
| Stddev | .000400         | .0102104        | .0014014        | .0291000        | .0002551        | .001033         |
| %RSD   | 266.6931        | 30.77793        | 73.23210        | 53.31263        | 93.81502        | 420.0877        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000426 | .0435881 | .0035284 | .0855745 | .0000299 | -.001192 |
| #2 | -.000334 | .0327545 | .0011984 | .0503353 | .0002476 | -.000402 |
| #3 | .000309  | .0231803 | .0010142 | .0278415 | .0005382 | .000856  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0664756</b> | <b>-.005715</b> | <b>.0000082</b> | <b>.0062007</b> | <b>.0004037</b> | <b>.0105569</b> |
| Stddev | .0130323        | .003092         | .0008190        | .0011988        | .0019434        | .0003158        |
| %RSD   | 19.60457        | 54.09494        | 9957.189        | 19.33276        | 481.4158        | 2.991169        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0801938 | -.009161 | .0009338 | .0057337 | .0000669 | .0102754 |
| #2 | .0542594 | -.003184 | -.000287 | .0075626 | -.001349 | .0104969 |
| #3 | .0649737 | -.004800 | -.000622 | .0053056 | .002493  | .0108983 |

Sample Name: CCB06      Acquired: 6/25/2025 20:50:17      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000774 | .0001111 | .0013457 | -.000653 | -.001302 | -.005601 |
| Stddev | .0003102 | .0011243 | .0007466 | .000742  | .000207  | .004920  |
| %RSD   | 400.6796 | 1011.709 | 55.48019 | 113.5697 | 15.87018 | 87.83116 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0001831 | .0007713 | .0021677 | .000194  | -.001159 | -.011282 |
| #2 | -.000272 | .0007491 | .0011599 | -.000966 | -.001539 | -.002721 |
| #3 | .000321  | -.001187 | .0007096 | -.001188 | -.001208 | -.002801 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000653 |
| Stddev | .0001869 |
| %RSD   | 286.1874 |

|    |          |
|----|----------|
| #1 | .0002724 |
| #2 | -.000091 |
| #3 | .000014  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5356.310 | 43643.78 | 2348.409 | 3818.813 | 6029.352 |
| Stddev    | 11.807   | 73.96    | 21.159   | 13.341   | 21.548   |
| %RSD      | .2204264 | .1694633 | .9009756 | .3493584 | .3573811 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5342.992 | 43558.57 | 2372.497 | 3804.402 | 6006.664 |
| #2 | 5360.448 | 43681.47 | 2339.903 | 3830.733 | 6031.853 |
| #3 | 5365.491 | 43691.30 | 2332.827 | 3821.304 | 6049.541 |

Sample Name: Q2381-01LDL2X50      Acquired: 6/25/2025 20:54:47      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0064436</b> | <b>-.000435</b> | <b>.0156957</b> | <b>.0054776</b> | <b>-.001854</b> | <b>5.477221</b> | <b>.0255588</b> |
| Stddev | .0030472        | .001594         | .0007450        | .0009725        | .001485         | .052708         | .0004690        |
| %RSD   | 47.29058        | 366.2398        | 4.746347        | 17.75456        | 80.10156        | .9623115        | 1.834874        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0093917 | -.000570 | .0152827 | .0047713 | -.003112 | 5.514900 | .0256277 |
| #2 | .0066328 | .001222  | .0152486 | .0050746 | -.002234 | 5.416989 | .0259895 |
| #3 | .0033061 | -.001957 | .0165557 | .0065868 | -.000216 | 5.499774 | .0250592 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0003666</b> | <b>-.000221</b> | <b>1.541279</b> | <b>.0088471</b> | <b>.0062590</b> | <b>.0150142</b> | <b>11.17438</b> |
| Stddev | .0001330        | .000018         | .017226         | .0009065        | .0001422        | .0011081        | .07644          |
| %RSD   | 36.26604        | 8.112014        | 1.117612        | 10.24681        | 2.271966        | 7.380141        | .6840434        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003822 | -.000213 | 1.547209 | .0081342 | .0061081 | .0138683 | 11.17482 |
| #2 | .0002266 | -.000242 | 1.521872 | .0098674 | .0063906 | .0150940 | 11.09772 |
| #3 | .0004911 | -.000209 | 1.554756 | .0085396 | .0062781 | .0160801 | 11.25059 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2646093</b> | <b>1.643725</b> | <b>.0077418</b> | <b>-.000537</b> | <b>.1226091</b> | <b>.0202983</b> | <b>.0286044</b> |
| Stddev | .0031659        | .082235         | .0008967        | .000294         | .0128760        | .0066513        | .0004949        |
| %RSD   | 1.196454        | 5.002939        | 11.58256        | 54.65484        | 10.50163        | 32.76797        | 1.730056        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2682147 | 1.702878 | .0087175 | -.000507 | .1094317 | .0279517 | .0285192 |
| #2 | .2633301 | 1.549819 | .0075542 | -.000260 | .1232347 | .0170273 | .0291363 |
| #3 | .2622832 | 1.678477 | .0069537 | -.000845 | .1351608 | .0159158 | .0281576 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2004392</b> | <b>.2176047</b> | <b>.0058342</b> | <b>.0004104</b> | <b>.1165834</b> | <b>.3761051</b> | <b>-.000103</b> |
| Stddev | .0027881        | .0025226        | .0008053        | .0005497        | .0019290        | .0101393        | .000450         |
| %RSD   | 1.391013        | 1.159260        | 13.80345        | 133.9538        | 1.654594        | 2.695864        | 438.1412        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2018263 | .2201744 | .0049258 | .0007740 | .1162669 | .3840237 | -.000304 |
| #2 | .1972296 | .2175078 | .0064606 | -.000222 | .1186510 | .3646774 | -.000416 |
| #3 | .2022617 | .2151320 | .0061163 | .000679  | .1148322 | .3796143 | .000413  |

Sample Name: Q2381-01LDL2X50      Acquired: 6/25/2025 20:54:47      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1852101 | -.002473 | .0056446 |
| Stddev | .0017534 | .005485  | .0002936 |
| %RSD   | .9467055 | 221.7900 | 5.202075 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1868949 | -.007741 | .0058408 |
| #2 | .1833953 | .003206  | .0053070 |
| #3 | .1853401 | -.002884 | .0057859 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5416.486 | 43494.51 | 2336.561 | 3828.448 | 5943.874 |
| Stddev    | 18.056   | 221.06   | 20.960   | 25.125   | 15.680   |
| %RSD      | .3333565 | .5082412 | .8970245 | .6562649 | .2638043 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5430.971 | 43500.54 | 2340.755 | 3822.284 | 5957.254 |
| #2 | 5396.257 | 43270.50 | 2355.106 | 3806.980 | 5926.620 |
| #3 | 5422.231 | 43712.49 | 2313.821 | 3856.082 | 5947.748 |

Sample Name: Q2381-01MSDL2X10      Acquired: 6/25/2025 20:59:14      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0815583</b> | <b>.1809354</b> | <b>.1683926</b> | <b>.1920540</b> | <b>.0265683</b> | <b>28.32078</b> | <b>.1544337</b> |
| Stddev | .0027522        | .0010306        | .0008172        | .0021856        | .0023589        | .06318          | .0011065        |
| %RSD   | 3.374546        | .5695930        | .4852941        | 1.138011        | 8.878408        | .2230877        | .7164829        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0843593 | .1803637 | .1681041 | .1940769 | .0239781 | 28.37118 | .1531991 |
| #2 | .0814581 | .1803173 | .1693149 | .1923494 | .0271339 | 28.24990 | .1547661 |
| #3 | .0788575 | .1821251 | .1677588 | .1897357 | .0285930 | 28.34127 | .1553359 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0213835</b> | <b>.0168621</b> | <b>6.913799</b> | <b>.0730506</b> | <b>.0503092</b> | <b>.1033569</b> | <b>56.85901</b> |
| Stddev | .0000668        | .0001899        | .033745         | .0004981        | .0003511        | .0004050        | .10915          |
| %RSD   | .3124550        | 1.126100        | .4880789        | .6818518        | .6978479        | .3918189        | .1919696        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0213497 | .0166445 | 6.934935 | .0727692 | .0499311 | .1035007 | 56.92497 |
| #2 | .0213404 | .0169941 | 6.874882 | .0727569 | .0503717 | .1036704 | 56.73302 |
| #3 | .0214605 | .0169477 | 6.931580 | .0736257 | .0506249 | .1028997 | 56.91905 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.232807</b> | <b>7.591187</b> | <b>.0821579</b> | <b>.0033114</b> | <b>.7014020</b> | <b>.1648233</b> | <b>.1643482</b> |
| Stddev | .009511         | .024731         | .0006454        | .0009940        | .0046878        | .0121836        | .0013380        |
| %RSD   | .7714872        | .3257838        | .7855890        | 30.01703        | .6683479        | 7.391935        | .8141252        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.240667 | 7.563055 | .0814197 | .0033585 | .7003054 | .1730956 | .1657296 |
| #2 | 1.222235 | 7.609502 | .0826159 | .0022947 | .7065408 | .1705420 | .1642566 |
| #3 | 1.235521 | 7.601003 | .0824380 | .0042810 | .6973596 | .1508323 | .1630583 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.901508</b> | <b>1.657944</b> | <b>.0552894</b> | <b>.0346557</b> | <b>.5831119</b> | <b>1.463431</b> | <b>.0594017</b> |
| Stddev | .006349         | .011693         | .0016355        | .0002029        | .0027345        | .004530         | .0009350        |
| %RSD   | .3339067        | .7052421        | 2.958147        | .5854499        | .4689526        | .3095425        | 1.574058        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.896239 | 1.644732 | .0539583 | .0345938 | .5802259 | 1.460119 | .0585724 |
| #2 | 1.899727 | 1.666959 | .0547948 | .0344911 | .5856643 | 1.461582 | .0604150 |
| #3 | 1.908557 | 1.662140 | .0571152 | .0348824 | .5834456 | 1.468593 | .0592176 |

Sample Name: Q2381-01MSDL2X10      Acquired: 6/25/2025 20:59:14      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Ti3361          | Li6707          | Sr4077          |
|--------|-----------------|-----------------|-----------------|
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9345975</b> | <b>.0258493</b> | <b>.0474076</b> |
| Stddev | .0049463        | .0048091        | .0001190        |
| %RSD   | .5292398        | 18.60452        | .2509862        |
| #1     | <b>.9378376</b> | <b>.0294601</b> | <b>.0475331</b> |
| #2     | <b>.9289042</b> | <b>.0203902</b> | <b>.0473934</b> |
| #3     | <b>.9370507</b> | <b>.0276976</b> | <b>.0472964</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>5510.168</b> | <b>44209.32</b> | <b>2403.694</b> | <b>3908.234</b> | <b>5727.477</b> |
| Stddev    | 10.248          | 53.55           | 11.349          | 12.172          | 22.482          |
| %RSD      | .1859923        | .1211259        | .4721283        | .3114330        | .3925246        |
| #1        | 5521.846        | 44222.02        | 2416.135        | 3901.370        | 5753.262        |
| #2        | 5502.667        | 44255.37        | 2401.037        | 3922.287        | 5711.985        |
| #3        | 5505.992        | 44150.56        | 2393.909        | 3901.044        | 5717.183        |

Sample Name: Q2381-01MSDDL2X10      Acquired: 6/25/2025 21:03:32      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0789701</b> | <b>.1805750</b> | <b>.1639170</b> | <b>.1872386</b> | <b>.0266117</b> | <b>27.81253</b> | <b>.1516212</b> |
| Stddev | .0036035        | .0006754        | .0021092        | .0014500        | .0015174        | .05592          | .0005155        |
| %RSD   | 4.563082        | .3740267        | 1.286734        | .7744068        | 5.701965        | .2010519        | .3400184        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0831233 | .1811408 | .1659295 | .1881712 | .0258670 | 27.78072 | .1515562 |
| #2 | .0766737 | .1807569 | .1617229 | .1855681 | .0256105 | 27.87709 | .1521662 |
| #3 | .0771134 | .1798272 | .1640987 | .1879766 | .0283576 | 27.77978 | .1511412 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0212426</b> | <b>.0166172</b> | <b>6.788546</b> | <b>.0723776</b> | <b>.0497992</b> | <b>.1019734</b> | <b>55.86331</b> |
| Stddev | .0001375        | .0000800        | .034480         | .0002309        | .0001795        | .0013054        | .11595          |
| %RSD   | .6473996        | .4815976        | .5079098        | .3190321        | .3604911        | 1.280125        | .2075547        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0213949 | .0166441 | 6.821480 | .0726054 | .0495919 | .1029756 | 55.83296 |
| #2 | .0212054 | .0165272 | 6.791452 | .0721437 | .0499009 | .1024473 | 55.76556 |
| #3 | .0211275 | .0166803 | 6.752705 | .0723837 | .0499048 | .1004972 | 55.99142 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.213892</b> | <b>7.495682</b> | <b>.0813913</b> | <b>.0036375</b> | <b>.6876652</b> | <b>.1590399</b> | <b>.1616626</b> |
| Stddev | .002748         | .023271         | .0003739        | .0013424        | .0115984        | .0043174        | .0003045        |
| %RSD   | .2264019        | .3104576        | .4594165        | 36.90517        | 1.686635        | 2.714652        | .1883588        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.216766 | 7.520102 | .0817917 | .0051865 | .6883740 | .1630668 | .1617882 |
| #2 | 1.211290 | 7.473762 | .0813309 | .0028126 | .6757287 | .1595716 | .1613154 |
| #3 | 1.213621 | 7.493182 | .0810512 | .0029134 | .6988929 | .1544813 | .1618843 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.881356</b> | <b>1.638269</b> | <b>.0495407</b> | <b>.0342316</b> | <b>.5733974</b> | <b>1.450702</b> | <b>.0597126</b> |
| Stddev | .010719         | .002702         | .0009573        | .0006408        | .0038171        | .011434         | .0002558        |
| %RSD   | .5697378        | .1649195        | 1.932336        | 1.872109        | .6656949        | .7881976        | .4283983        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.891364 | 1.637699 | .0495580 | .0336535 | .5763709 | 1.458176 | .0600059 |
| #2 | 1.882658 | 1.635898 | .0485749 | .0341207 | .5690930 | 1.456390 | .0595358 |
| #3 | 1.870046 | 1.641211 | .0504892 | .0349207 | .5747282 | 1.437539 | .0595960 |

Sample Name: Q2381-01MSDDL2X10      Acquired: 6/25/2025 21:03:32      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.9181492</b> | <b>.0334702</b> | <b>.0465930</b> |
| Stddev | .0044659        | .0032169        | .0001412        |
| %RSD   | .4864080        | 9.611134        | .3030992        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.9220664</b> | <b>.0371834</b> | <b>.0464310</b> |
| #2 | <b>.9132860</b> | <b>.0315285</b> | <b>.0466581</b> |
| #3 | <b>.9190951</b> | <b>.0316987</b> | <b>.0466900</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>5497.426</b> | <b>44341.11</b> | <b>2384.265</b> | <b>3913.495</b> | <b>5726.477</b> |
| Stddev    | 5.833           | 102.50          | 10.370          | 9.862           | 4.051           |
| %RSD      | .1060954        | .2311671        | .4349511        | .2520087        | .0707335        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5498.720 | 44371.07 | 2373.083 | 3909.754 | 5724.059 |
| #2 | 5502.503 | 44425.29 | 2386.144 | 3924.680 | 5724.218 |
| #3 | 5491.056 | 44226.96 | 2393.567 | 3906.050 | 5731.153 |

Sample Name: Q2381-01ADL2X10      Acquired: 6/25/2025 21:07:49      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      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>.0828518</b> | <b>.1788518</b> | <b>.1583556</b> | <b>.1932097</b> | <b>.0743627</b> | <b>23.78400</b> | <b>.1372026</b> |
| Stddev | .0016592        | .0008986        | .0015121        | .0034200        | .0014162        | .06768          | .0012109        |
| %RSD   | 2.002673        | .5024171        | .9548888        | 1.770113        | 1.904422        | .2845435        | .8825748        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0824227 | .1795332 | .1566220 | .1921368 | .0728328 | 23.86134 | .1385043 |
| #2 | .0846835 | .1791887 | .1594023 | .1970376 | .0756277 | 23.73560 | .1361096 |
| #3 | .0814493 | .1778334 | .1590426 | .1904548 | .0746276 | 23.75507 | .1369939 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0206462</b> | <b>.0165076</b> | <b>6.817990</b> | <b>.1108090</b> | <b>.0468983</b> | <b>.0967457</b> | <b>48.76480</b> |
| Stddev | .0001330        | .0000872        | .031531         | .0006007        | .0004658        | .0008585        | .12733          |
| %RSD   | .6441689        | .5283693        | .4624749        | .5420803        | .9931947        | .8873357        | .2611070        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0207794 | .0164680 | 6.784795 | .1111958 | .0471542 | .0977369 | 48.76013 |
| #2 | .0205134 | .0164472 | 6.847541 | .1101170 | .0471800 | .0962465 | 48.89440 |
| #3 | .0206457 | .0166076 | 6.821633 | .1111141 | .0463606 | .0962536 | 48.63988 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.146797</b> | <b>7.070438</b> | <b>.1020952</b> | <b>.0030900</b> | <b>.5771806</b> | <b>.1480430</b> | <b>.1498315</b> |
| Stddev | .003275         | .049709         | .0002458        | .0010057        | .0210859        | .0039159        | .0002441        |
| %RSD   | .2855714        | .7030549        | .2407152        | 32.54605        | 3.653256        | 2.645099        | .1629297        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.150460 | 7.125415 | .1023377 | .0035765 | .5752091 | .1466342 | .1496900 |
| #2 | 1.144152 | 7.028662 | .1021016 | .0019336 | .5571497 | .1450264 | .1496910 |
| #3 | 1.145778 | 7.057237 | .1018464 | .0037599 | .5991829 | .1524684 | .1501133 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.757809</b> | <b>1.555171</b> | <b>.0466463</b> | <b>.0418120</b> | <b>.5633445</b> | <b>1.634287</b> | <b>.0631997</b> |
| Stddev | .019041         | .002763         | .0006739        | .0003065        | .0034322        | .019555         | .0004899        |
| %RSD   | 1.083215        | .1776940        | 1.444804        | .7331447        | .6092595        | 1.196529        | .7751204        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.769301 | 1.553276 | .0469974 | .0415805 | .5654018 | 1.652446 | .0632788 |
| #2 | 1.768296 | 1.553895 | .0470721 | .0421597 | .5593823 | 1.636830 | .0636452 |
| #3 | 1.735830 | 1.558342 | .0458693 | .0416958 | .5652495 | 1.613585 | .0626751 |

Sample Name: Q2381-01ADL2X10      Acquired: 6/25/2025 21:07:49      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.8280343</b> | <b>.0287505</b> | <b>.0426100</b> |
| Stddev | .0031314        | .0027530        | .0002673        |
| %RSD   | .3781691        | 9.575632        | .6272653        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.8267444</b> | <b>.0308037</b> | <b>.0429166</b> |
| #2 | <b>.8316045</b> | <b>.0256221</b> | <b>.0424264</b> |
| #3 | <b>.8257538</b> | <b>.0298256</b> | <b>.0424869</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>5495.088</b> | <b>44458.90</b> | <b>2404.177</b> | <b>3935.945</b> | <b>5751.234</b> |
| Stddev    | 14.424          | 179.78          | 2.338           | 27.211          | 12.836          |
| %RSD      | .2624818        | .4043825        | .0972453        | .6913370        | .2231814        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5507.438 | 44623.42 | 2401.766 | 3961.461 | 5761.170 |
| #2 | 5479.236 | 44486.29 | 2404.330 | 3939.065 | 5736.742 |
| #3 | 5498.591 | 44266.99 | 2406.434 | 3907.309 | 5755.789 |

Sample Name: CCV07      Acquired: 6/25/2025 21:12:06      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.039088</b> | <b>5.079636</b> | <b>5.058560</b> | <b>5.123115</b> | <b>5.123160</b> | <b>10.08318</b> | <b>10.14672</b> |
| Stddev | .007314         | .003980         | .005549         | .010487         | .007992         | .05452          | .02899          |
| %RSD   | .1451439        | .0783537        | .1096856        | .2047035        | .1560048        | .5407523        | .2857503        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.034420 | 5.078174 | 5.063935 | 5.121861 | 5.117556 | 10.07715 | 10.12693 |
| #2 | 5.035327 | 5.076593 | 5.052853 | 5.134172 | 5.132312 | 10.14046 | 10.18000 |
| #3 | 5.047517 | 5.084140 | 5.058892 | 5.113311 | 5.119611 | 10.03192 | 10.13323 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2593795</b> | <b>2.535626</b> | <b>24.97968</b> | <b>1.019922</b> | <b>2.533120</b> | <b>1.291897</b> | <b>5.050552</b> |
| Stddev | .0012507        | .001509         | .12283          | .002212         | .000756         | .004568         | .019543         |
| %RSD   | .4821687        | .0594969        | .4917334        | .2168653        | .0298304        | .3535867        | .3869448        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2602920 | 2.535320 | 24.87926 | 1.019935 | 2.532416 | 1.295481 | 5.072403 |
| #2 | .2598925 | 2.534294 | 25.11664 | 1.022128 | 2.533026 | 1.293455 | 5.034744 |
| #3 | .2579539 | 2.537264 | 24.94316 | 1.017704 | 2.533919 | 1.286753 | 5.044510 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.484128</b> | <b>24.84848</b> | <b>2.540385</b> | <b>1.248891</b> | <b>25.18918</b> | <b>2.519776</b> | <b>2.555512</b> |
| Stddev | .004019         | .06790          | .001188         | .007136         | .12815          | .023869         | .003824         |
| %RSD   | .1617719        | .2732461        | .0467585        | .5714211        | .5087692        | .9472559        | .1496308        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.480171 | 24.92347 | 2.539284 | 1.243856 | 25.29967 | 2.547336 | 2.553650 |
| #2 | 2.488206 | 24.83080 | 2.540227 | 1.257058 | 25.21920 | 2.506196 | 2.559910 |
| #3 | 2.484008 | 24.79118 | 2.541643 | 1.245759 | 25.04869 | 2.505796 | 2.552976 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.91525</b> | <b>5.157088</b> | <b>5.157611</b> | <b>5.110411</b> | <b>5.095492</b> | <b>5.164253</b> | <b>5.070820</b> |
| Stddev | .38353          | .004700         | .025360         | .007728         | .011440         | .021629         | .004463         |
| %RSD   | 1.539349        | .0911343        | .4916968        | .1512159        | .2245104        | .4188217        | .0880138        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.26003 | 5.152999 | 5.178491 | 5.101489 | 5.107647 | 5.180600 | 5.067229 |
| #2 | 24.98357 | 5.162223 | 5.164951 | 5.114942 | 5.093896 | 5.172431 | 5.075817 |
| #3 | 24.50215 | 5.156042 | 5.129391 | 5.114804 | 5.084935 | 5.139727 | 5.069415 |

Sample Name: CCV07      Acquired: 6/25/2025 21:12:06      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.055666 | 5.033640 | 5.122903 |
| Stddev | .023901  | .005515  | .020094  |
| %RSD   | .4727543 | .1095531 | .3922310 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.041244 | 5.027790 | 5.108148 |
| #2 | 5.083255 | 5.038743 | 5.145787 |
| #3 | 5.042499 | 5.034386 | 5.114773 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 5142.449 | 41778.97 | 2292.997 | 3673.060 | 5274.920 |
| Stddev    | 14.737   | 109.97   | 9.838    | 15.133   | 18.205   |
| %RSD      | .2865799 | .2632169 | .4290496 | .4120099 | .3451237 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5154.918 | 41837.37 | 2286.204 | 3681.915 | 5285.645 |
| #2 | 5146.245 | 41652.13 | 2288.508 | 3655.586 | 5285.215 |
| #3 | 5126.186 | 41847.43 | 2304.279 | 3681.679 | 5253.900 |

Sample Name: CCB07      Acquired: 6/25/2025 21:16:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024608 | -.000794 | .0007053 | -.000554 | -.001693 | -.007747 | -.000961 |
| Stddev | .0017886 | .001354  | .0013207 | .003121  | .002309  | .016167  | .000595  |
| %RSD   | 72.68393 | 170.5891 | 187.2582 | 563.5264 | 136.4171 | 208.6973 | 61.97147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012840 | .000462  | .0016221 | .001174  | -.000797 | -.026400 | -.000755 |
| #2 | .0045190 | -.002228 | -.000808 | .001321  | .000034  | .002221  | -.001632 |
| #3 | .0015793 | -.000616 | .001302  | -.004157 | -.004316 | .000939  | -.000495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000168 | .0001282 | -.029750 | -.000859 | .0002501 | .0025200 | -.000269 |
| Stddev | .0000922 | .0000219 | .005655  | .000271  | .0003759 | .0002301 | .013062  |
| %RSD   | 549.0275 | 17.08826 | 19.00959 | 31.59817 | 150.3029 | 9.131483 | 4864.726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001139 | .0001187 | -.034825 | -.001170 | .0004412 | .0024011 | .008288  |
| #2 | -.000070 | .0001532 | -.030770 | -.000733 | .0004920 | .0023736 | -.015303 |
| #3 | .000006  | .0001126 | -.023654 | -.000673 | -.000183 | .0027852 | .006210  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049685 | .0589056 | .0010032 | -.000026 | .0534467 | -.005184 | -.000120 |
| Stddev | .0006660 | .0330544 | .0001988 | .001850  | .0196798 | .010543  | .000579  |
| %RSD   | 13.40499 | 56.11429 | 19.81767 | 7159.151 | 36.82133 | 203.3819 | 482.3233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053635 | .0207882 | .0012103 | -.000420 | .0377052 | -.017167 | -.000587 |
| #2 | .0053425 | .0762623 | .0008139 | .001989  | .0471243 | .002664  | -.000300 |
| #3 | .0041996 | .0796662 | .0009853 | -.001647 | .0755107 | -.001048 | .000527  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045476 | -.000550 | .0109845 | .0003698 | -.000536 | .0113185 | -.000242 |
| Stddev | .0011709 | .000775  | .0007815 | .0001440 | .002577  | .0026948 | .000568  |
| %RSD   | 25.74724 | 140.8727 | 7.114099 | 38.95106 | 480.8406 | 23.80872 | 234.4261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040464 | -.000427 | .0101002 | .0003692 | .002429  | .0140222 | .000344  |
| #2 | .0037108 | .000156  | .0115818 | .0002260 | -.001804 | .0113008 | -.000790 |
| #3 | .0058857 | -.001380 | .0112717 | .0005141 | -.002233 | .0086327 | -.000281 |

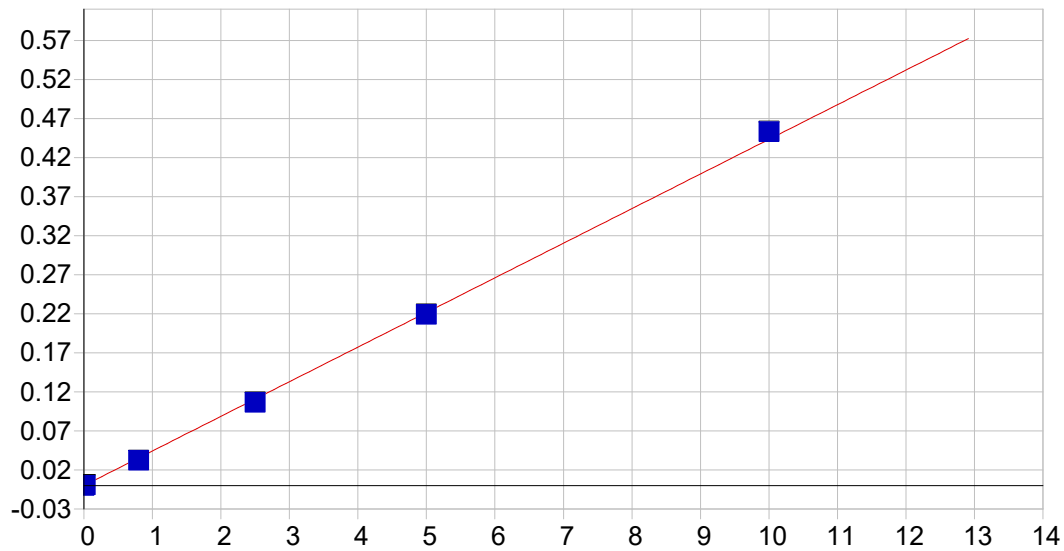
Sample Name: CCB07      Acquired: 6/25/2025 21:16:22      Type: Unk  
Method: METHOD 6010D, 200.7(v27)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000438</b> | <b>-.005844</b> | <b>-.000002</b> |
| Stddev | .001571         | .007270         | .000155         |
| %RSD   | 358.4998        | 124.4021        | 6622.613        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000855</b> | <b>-.011299</b> | <b>.000166</b>  |
| #2 | <b>-.001759</b> | <b>-.008642</b> | <b>-.000140</b> |
| #3 | <b>.001299</b>  | <b>.002409</b>  | <b>-.000033</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>5292.435</b> | <b>43154.25</b> | <b>2311.538</b> | <b>3773.423</b> | <b>5967.949</b> |
| Stddev    | 8.419           | 200.34          | 6.902           | 25.720          | 5.080           |
| %RSD      | .1590723        | .4642330        | .2985792        | .6815986        | .0851256        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 5283.158 | 43048.35 | 2315.952 | 3758.730 | 5962.223 |
| #2 | 5294.560 | 43385.31 | 2315.079 | 3803.121 | 5969.709 |
| #3 | 5299.589 | 43029.10 | 2303.585 | 3758.418 | 5971.915 |

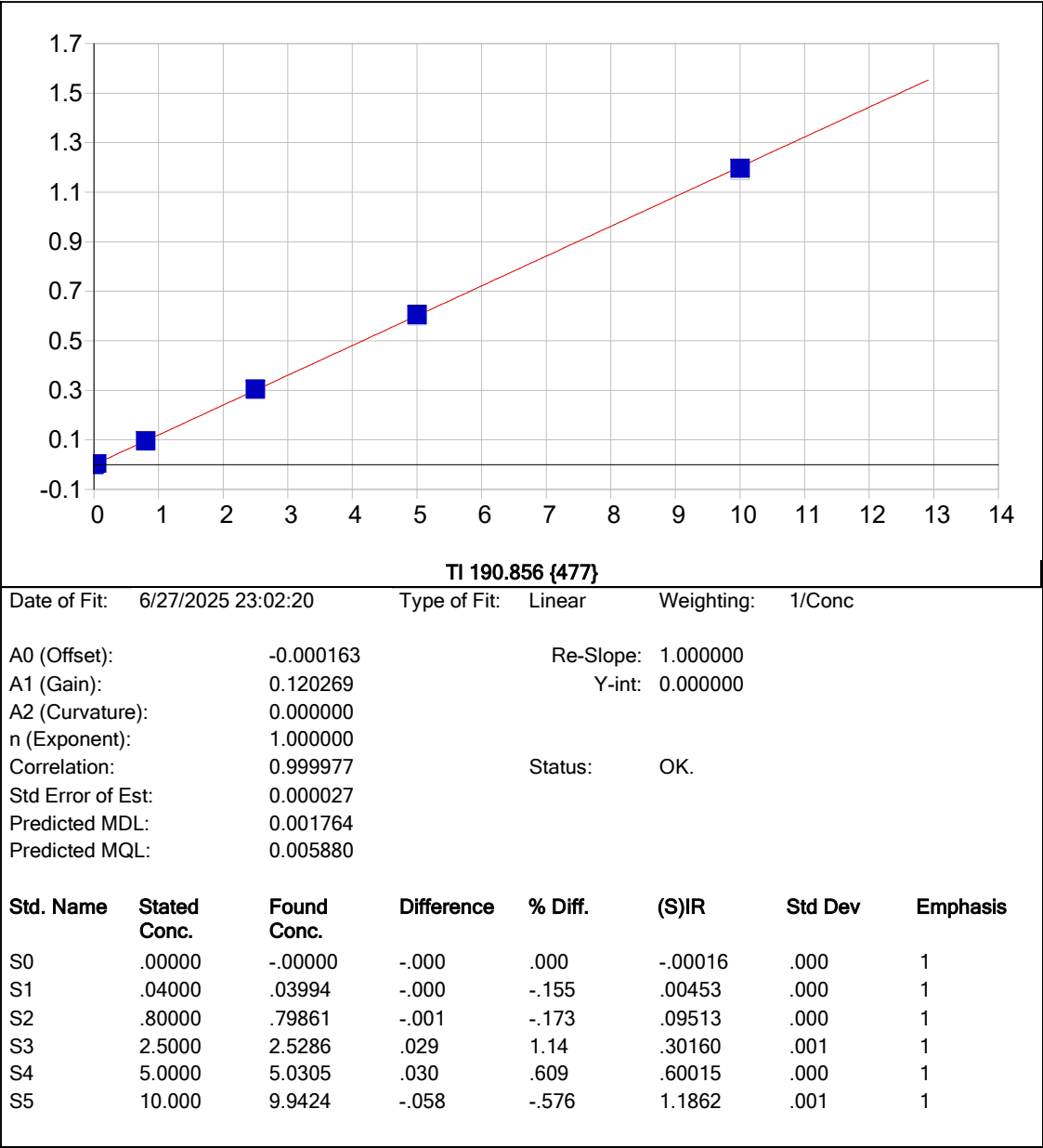


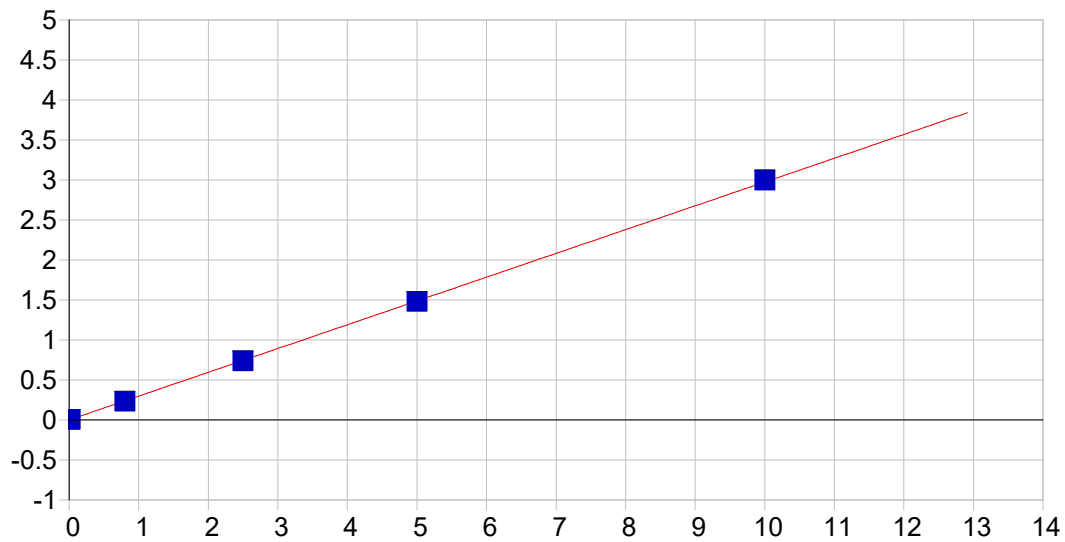
As 189.042 {479}

Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000055 Re-Slope: 1.000000  
A1 (Gain): 0.044333 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999580 Status: OK.  
Std Error of Est: 0.000030  
Predicted MDL: 0.002910  
Predicted MQL: 0.009701

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00005 | .000    | 1        |
| S1        | .02000       | .01992      | -.000      | -.405   | .00083  | .000    | 1        |
| S2        | .80000       | .73022      | -.070      | -8.72   | .03231  | .000    | 1        |
| S3        | 2.5000       | 2.4037      | -.096      | -3.85   | .10649  | .000    | 1        |
| S4        | 5.0000       | 4.9436      | -.056      | -1.13   | .21908  | .000    | 1        |
| S5        | 10.000       | 10.223      | .223       | 2.23    | .45308  | .001    | 1        |



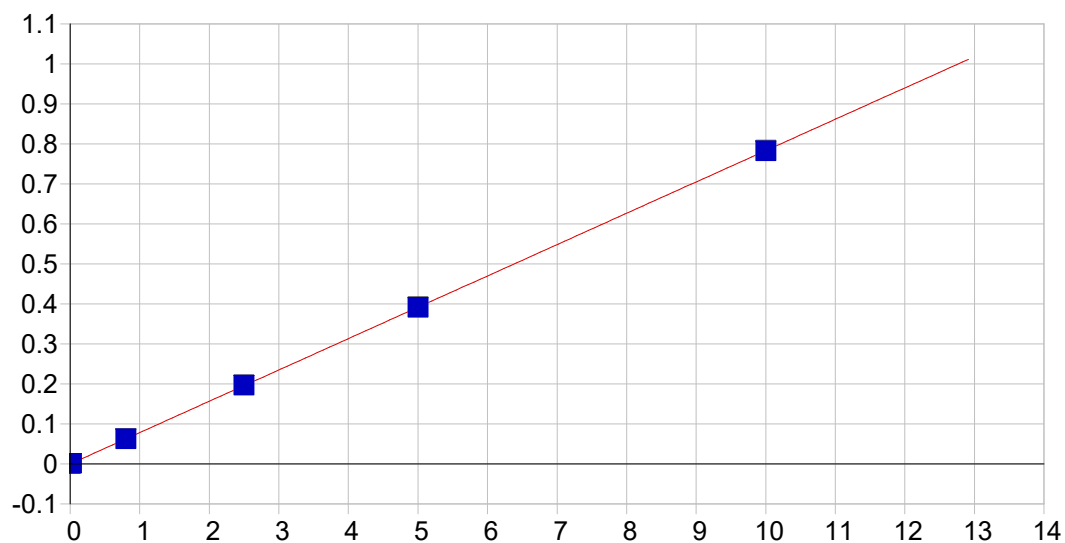


**Pb 220.353 {453}**

Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000317 Re-Slope: 1.000000  
A1 (Gain): 0.297299 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999951 Status: OK.  
Std Error of Est: 0.000053  
Predicted MDL: 0.001476  
Predicted MQL: 0.004920

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00032 | .001    | 1        |
| S1        | .01200       | .01118      | -.001      | -6.79   | .00357 | .000    | 1        |
| S2        | .80000       | .77522      | -.025      | -3.10   | .23058 | .000    | 1        |
| S3        | 2.5000       | 2.4770      | -.023      | -.920   | .73606 | .000    | 1        |
| S4        | 5.0000       | 4.9713      | -.029      | -.573   | 1.4770 | .001    | 1        |
| S5        | 10.000       | 10.077      | .077       | .772    | 2.9936 | .004    | 1        |

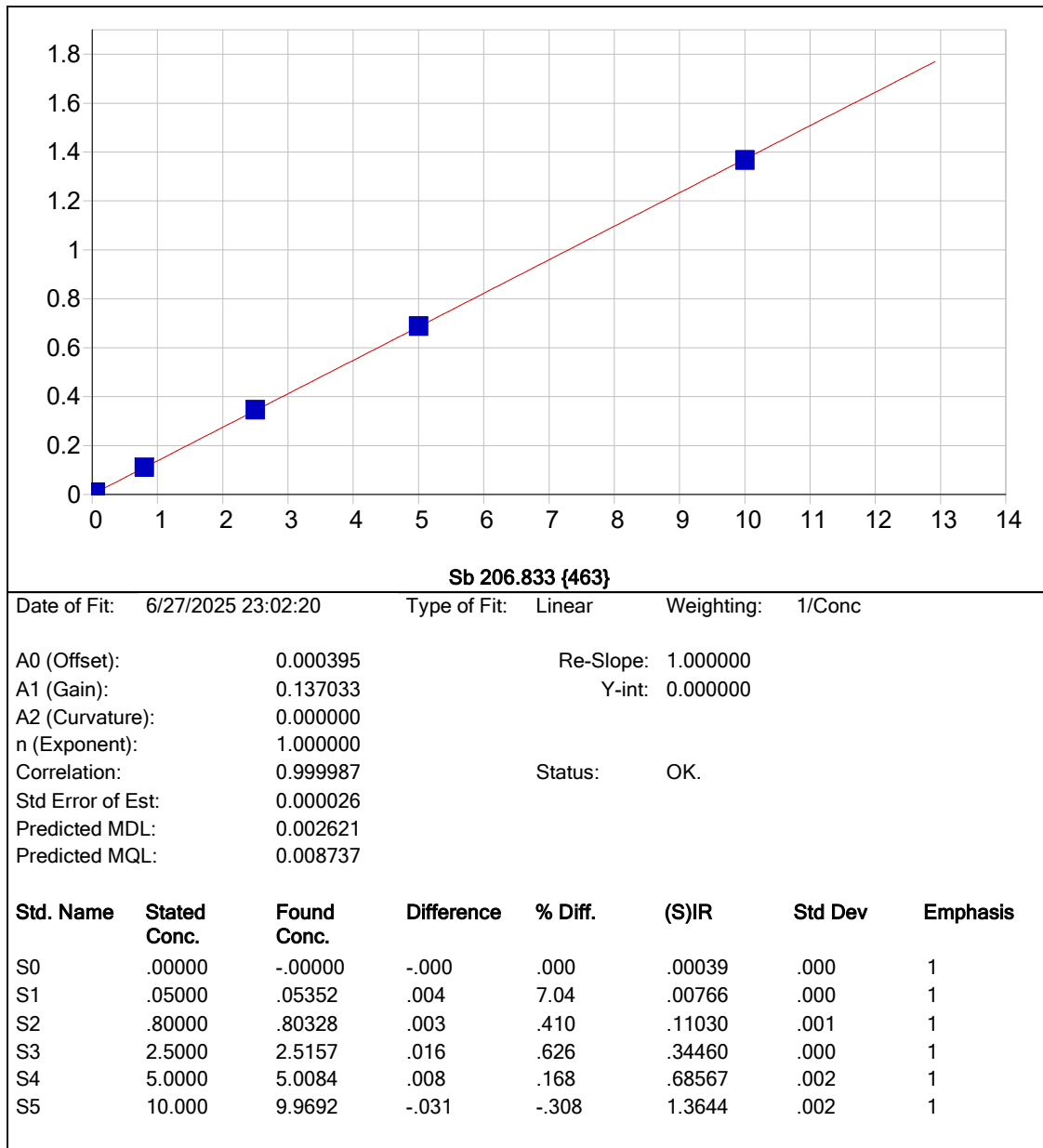


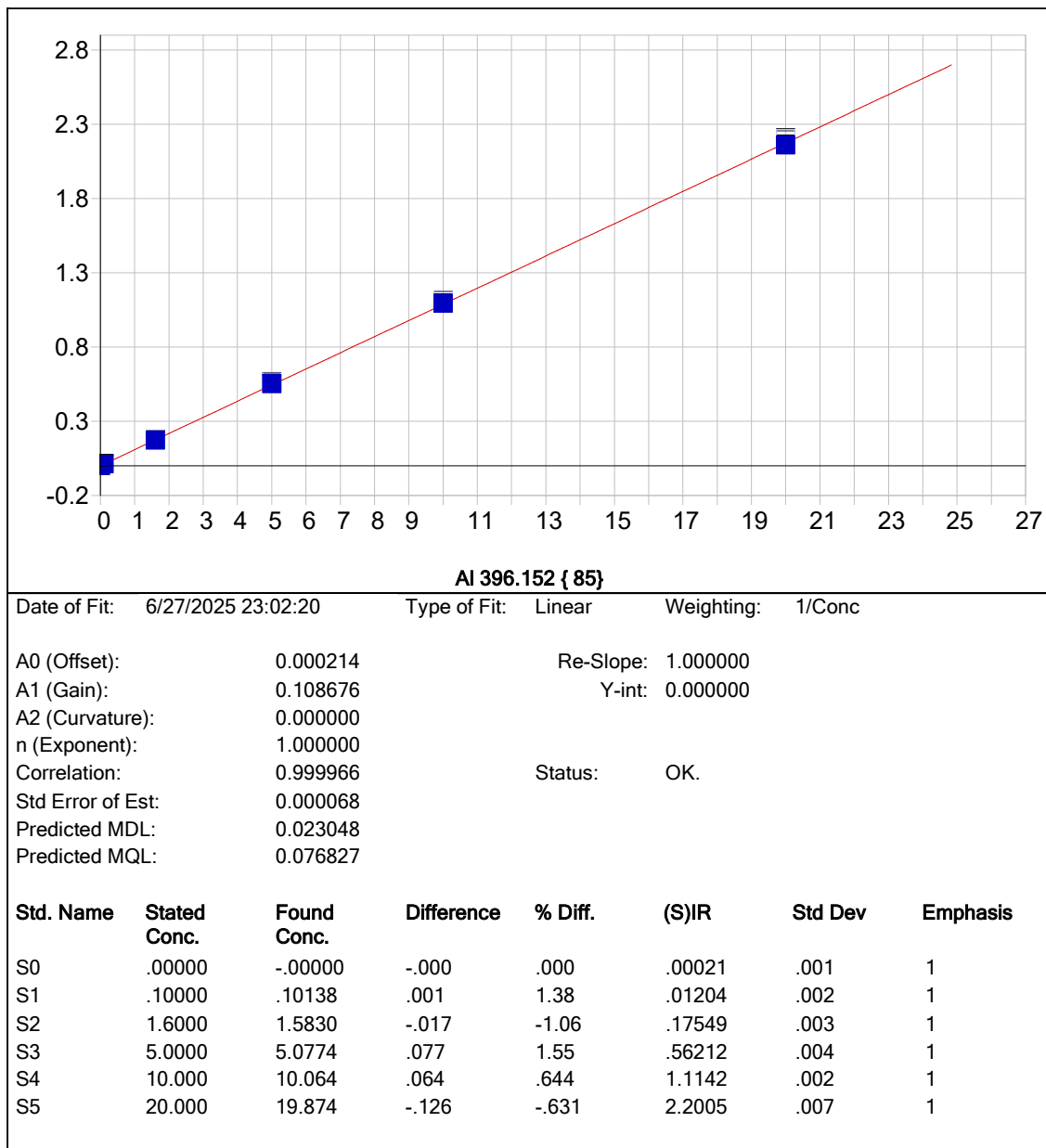
Se 196.090 {472}

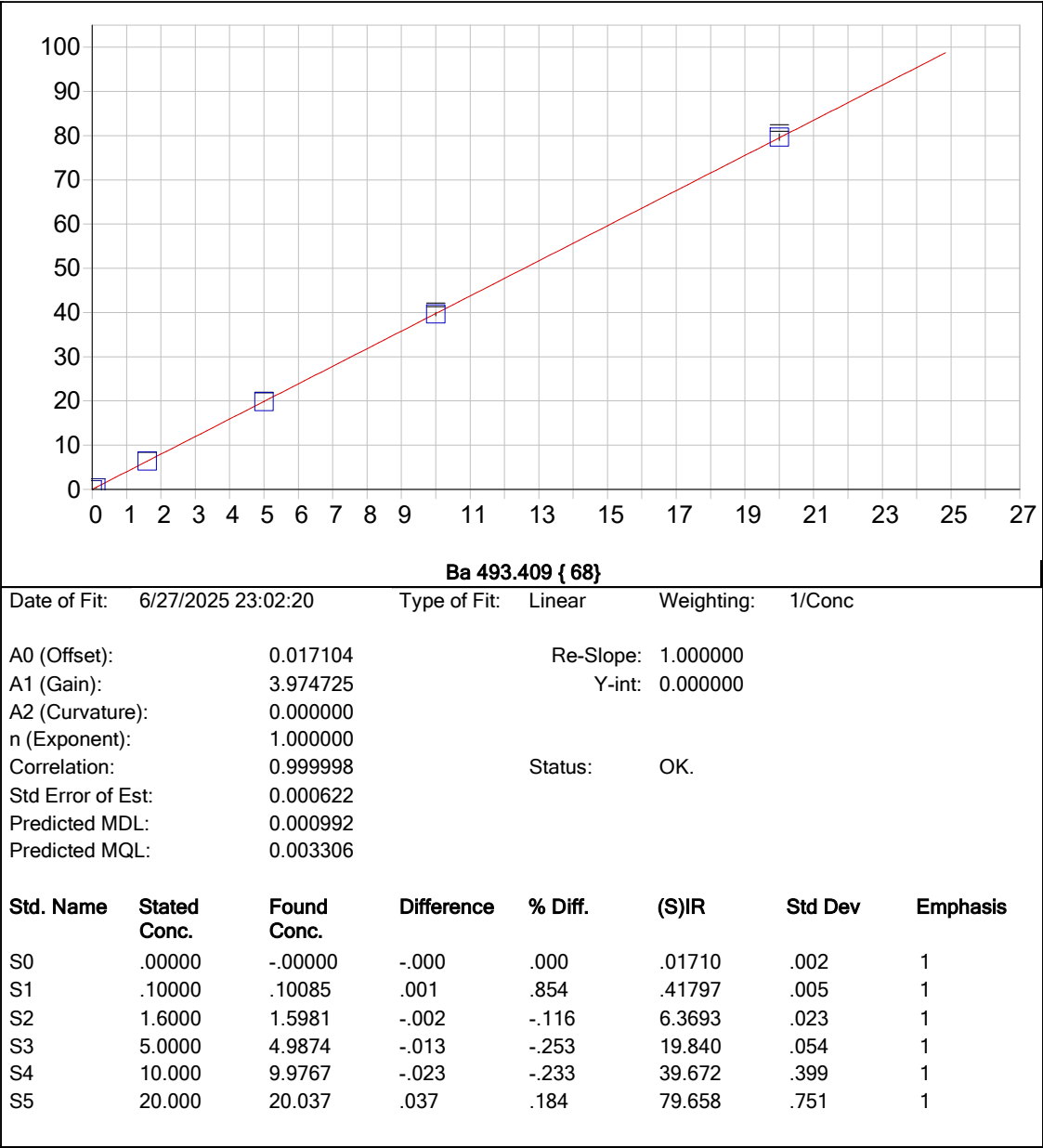
Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

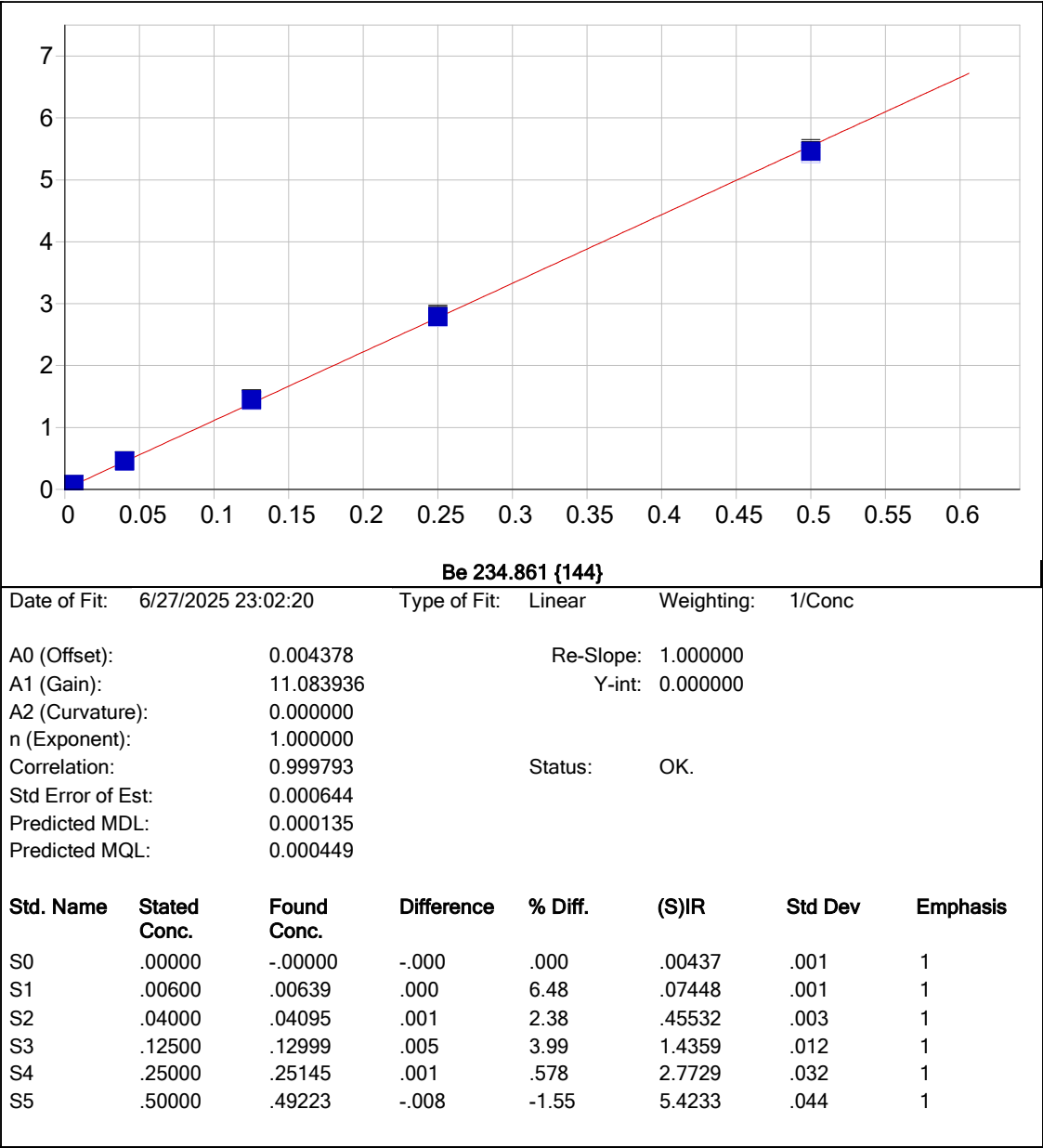
A0 (Offset): -0.000060 Re-Slope: 1.000000  
A1 (Gain): 0.078333 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999998 Status: OK.  
Std Error of Est: 0.000004  
Predicted MDL: 0.003498  
Predicted MQL: 0.011660

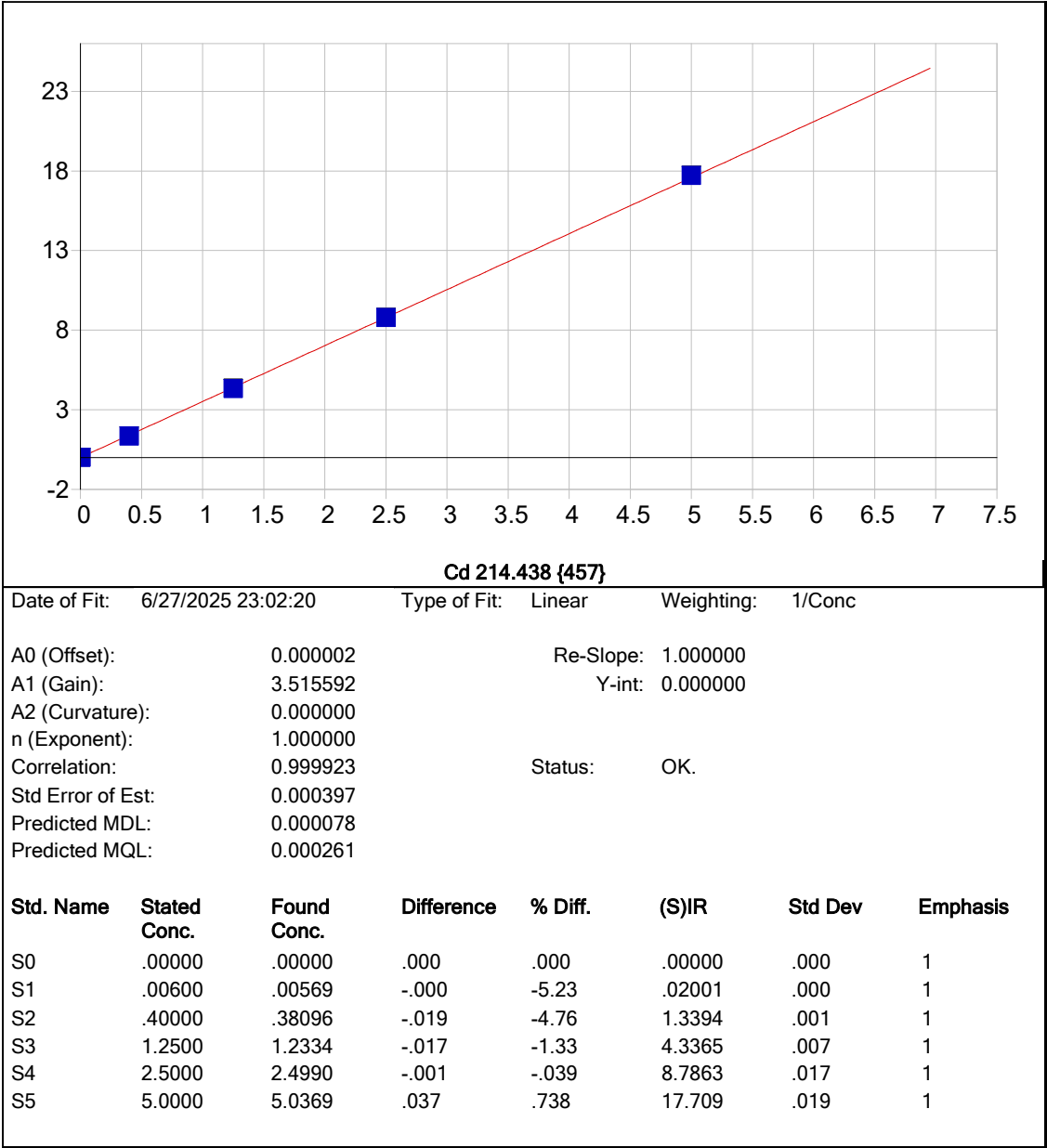
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00006 | .000    | 1        |
| S1        | .02000       | .02074      | .001       | 3.72    | .00156  | .000    | 1        |
| S2        | .80000       | .79955      | -.000      | -.056   | .06254  | .000    | 1        |
| S3        | 2.5000       | 2.5094      | .009       | .376    | .19639  | .000    | 1        |
| S4        | 5.0000       | 4.9976      | -.002      | -.047   | .39119  | .001    | 1        |
| S5        | 10.000       | 9.9927      | -.007      | -.073   | .78224  | .001    | 1        |

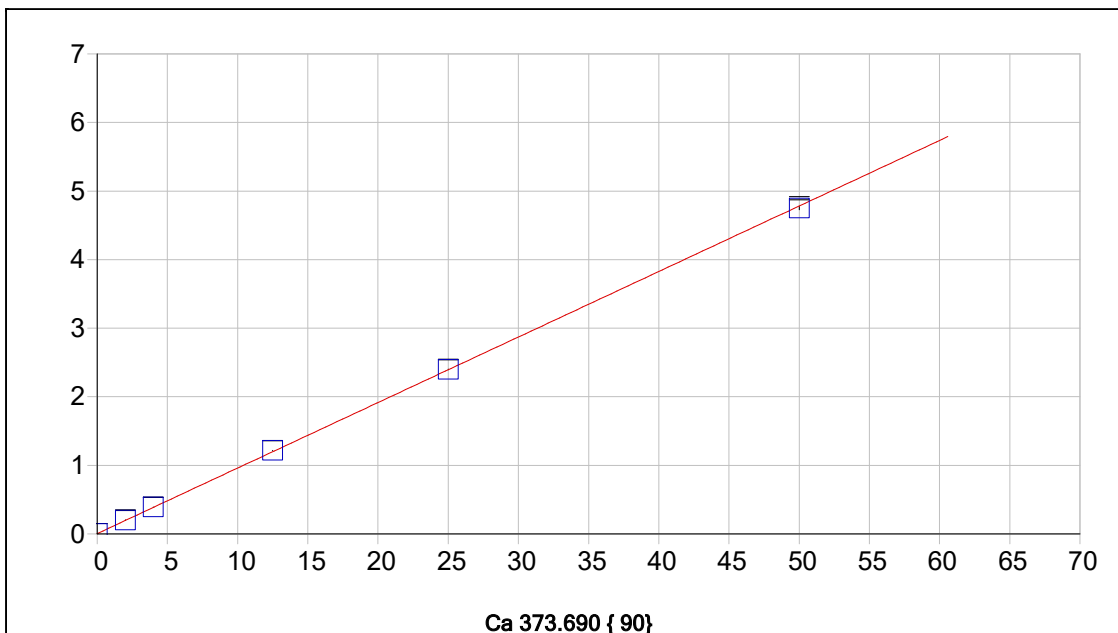




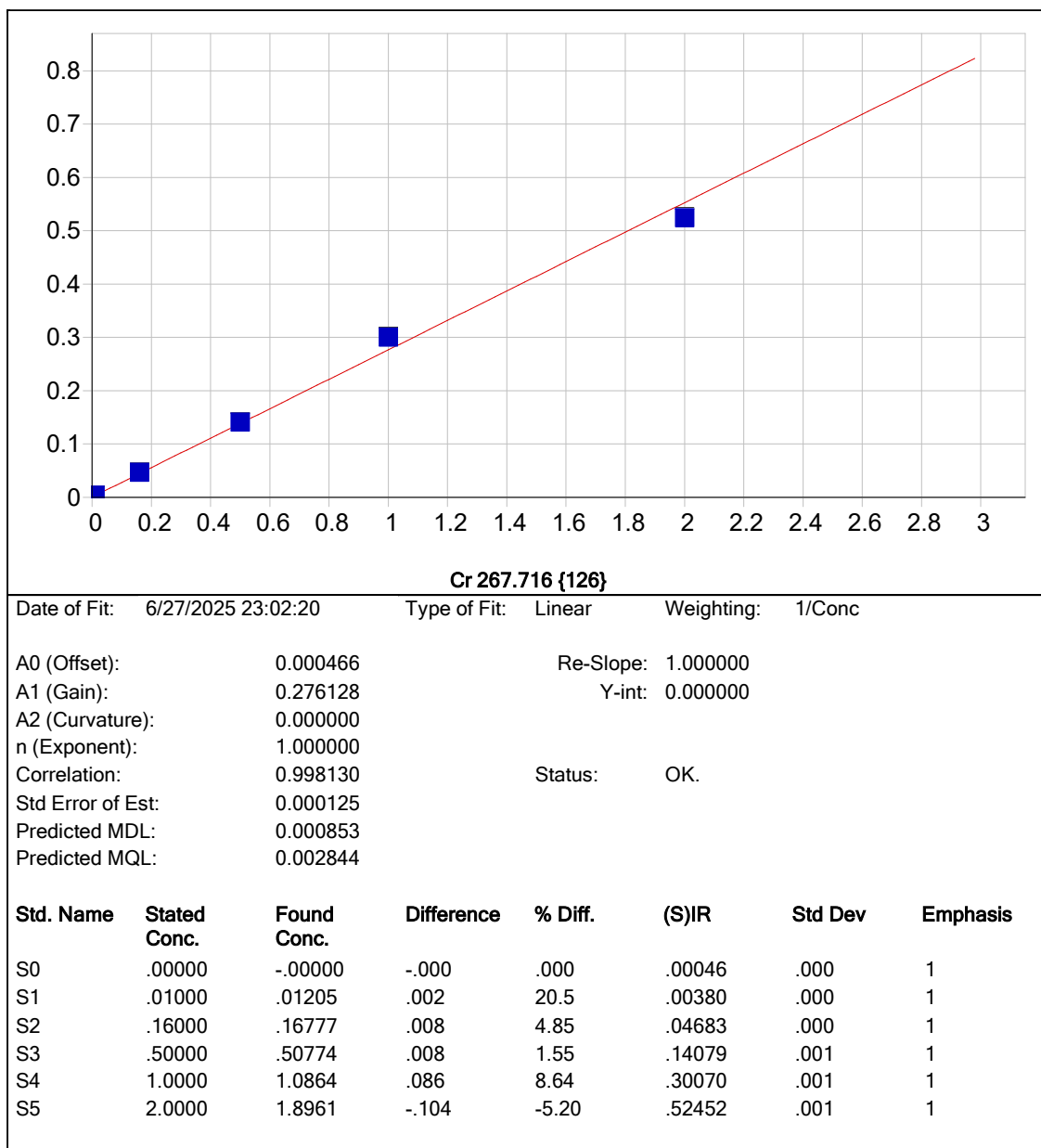


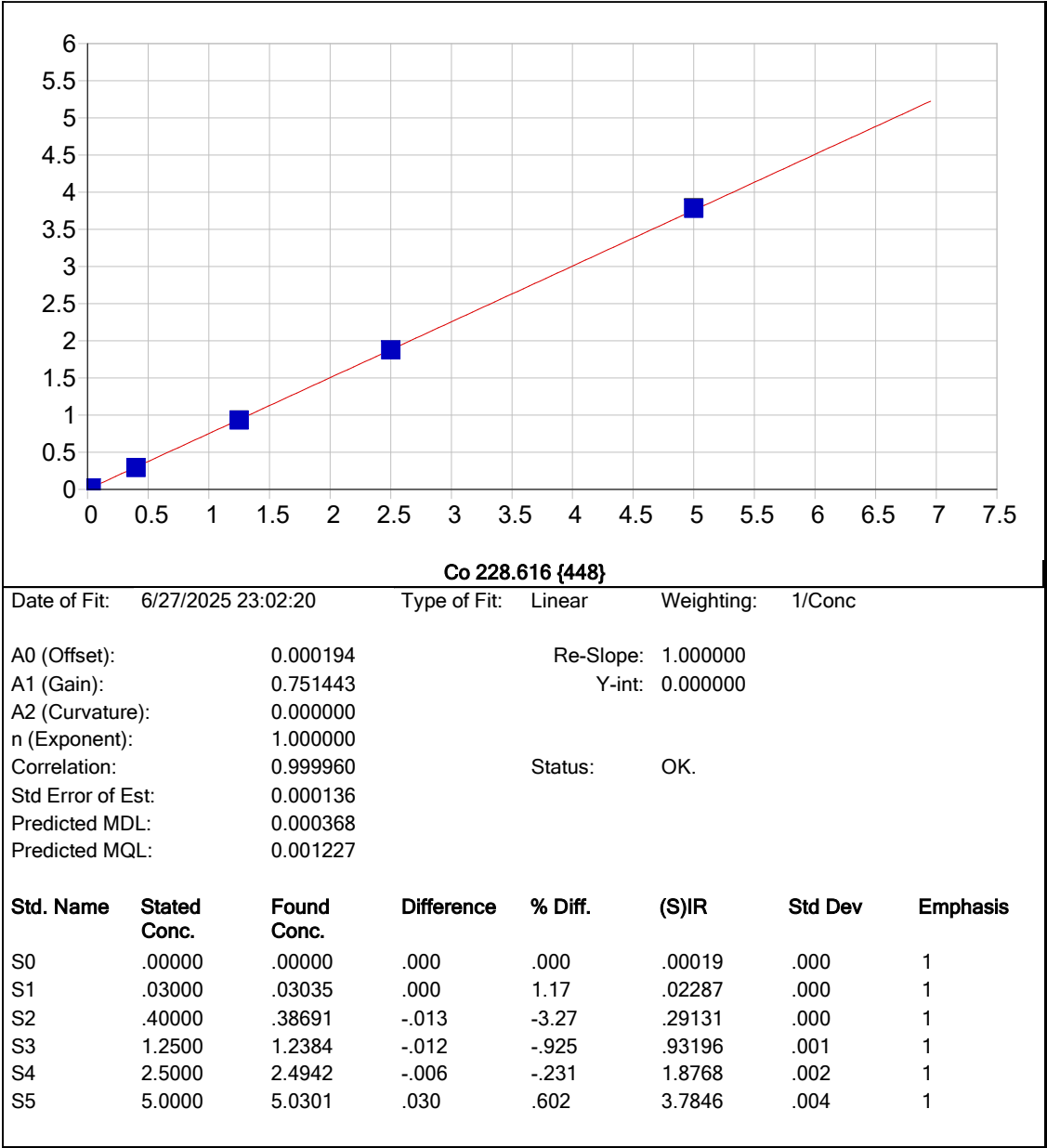


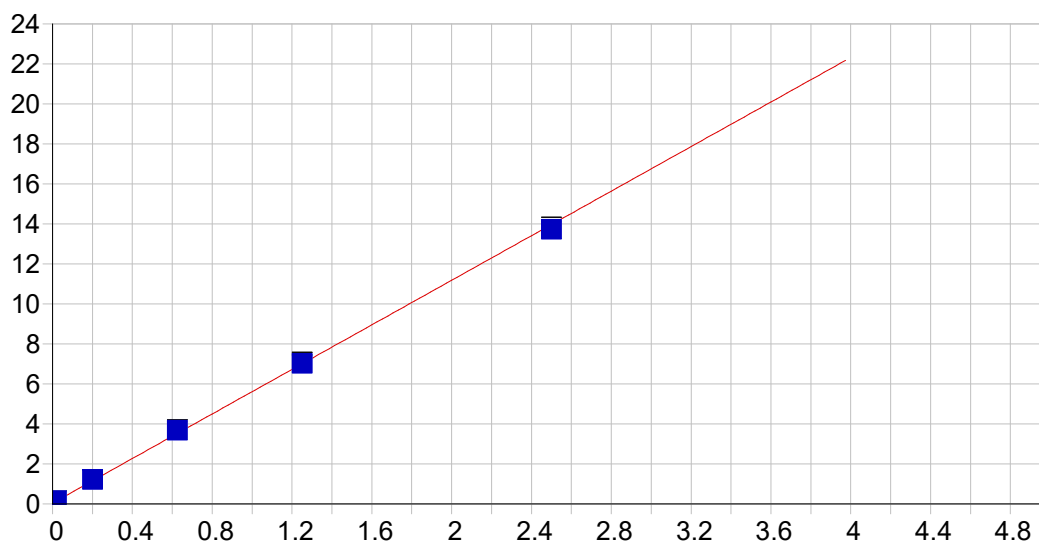




|                                 |              |                     |            |                   |        |         |          |
|---------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 6/27/2025 23:02:20 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset):                    | 0.004802     | Re-Slope:           |            | 1.000000          |        |         |          |
| A1 (Gain):                      | 0.095546     | Y-int:              |            | 0.000000          |        |         |          |
| A2 (Curvature):                 | 0.000000     |                     |            |                   |        |         |          |
| n (Exponent):                   | 1.000000     |                     |            |                   |        |         |          |
| Correlation:                    | 0.999965     | Status:             |            | OK.               |        |         |          |
| Std Error of Est:               | 0.000423     |                     |            |                   |        |         |          |
| Predicted MDL:                  | 0.021378     |                     |            |                   |        |         |          |
| Predicted MQL:                  | 0.071262     |                     |            |                   |        |         |          |
|                                 |              |                     |            |                   |        |         |          |
| Std. Name                       | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                              | .00000       | -.00009             | -.000      | .000              | .00479 | .002    | 1        |
| S1                              | 2.0000       | 2.0548              | .055       | 2.74              | .20113 | .003    | 1        |
| S2                              | 4.0000       | 4.0350              | .035       | .875              | .39033 | .003    | 1        |
| S3                              | 12.500       | 12.676              | .176       | 1.41              | 1.2160 | .004    | 1        |
| S4                              | 25.000       | 25.059              | .059       | .237              | 2.3991 | .006    | 1        |
| S5                              | 50.000       | 49.675              | -.325      | -.651             | 4.7510 | .022    | 1        |





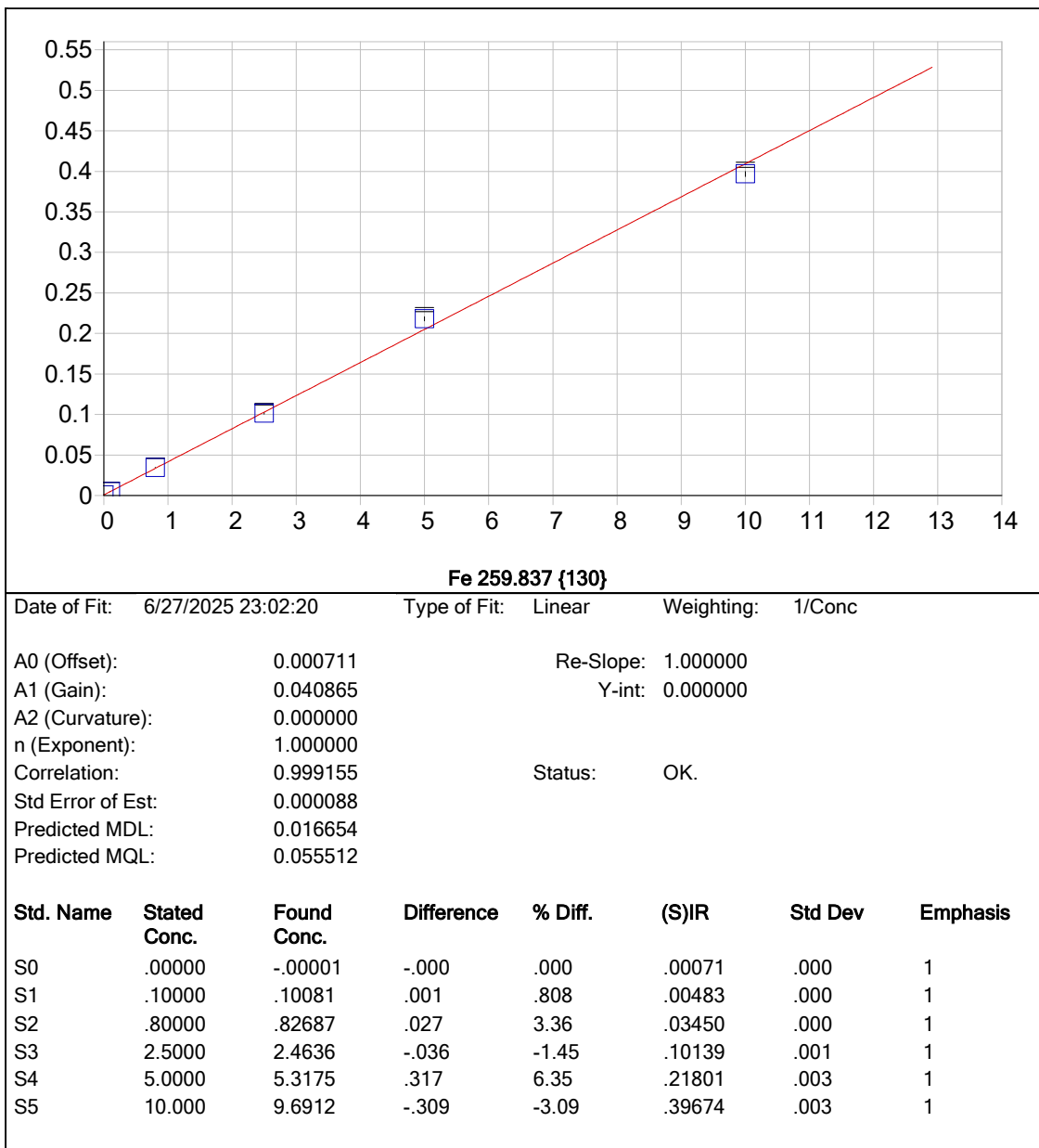


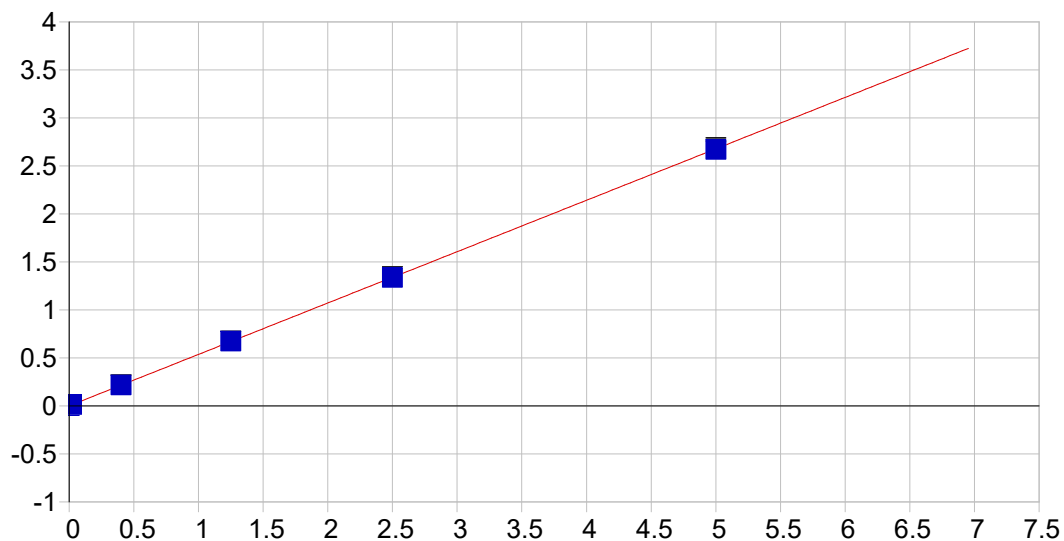
**Cu 324.754 {104}**

Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.040967 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 5.570447 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999696 | Status:   | OK.      |
| Std Error of Est: | 0.001614 |           |          |
| Predicted MDL:    | 0.000637 |           |          |
| Predicted MQL:    | 0.002124 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .04095 | .001    | 1        |
| S1        | .02000       | .02217      | .002       | 10.8    | .16449 | .003    | 1        |
| S2        | .20000       | .21081      | .011       | 5.40    | 1.2158 | .007    | 1        |
| S3        | .62500       | .65265      | .028       | 4.42    | 3.6782 | .031    | 1        |
| S4        | 1.2500       | 1.2528      | .003       | .222    | 7.0229 | .068    | 1        |
| S5        | 2.5000       | 2.4566      | -.043      | -1.74   | 13.732 | .112    | 1        |



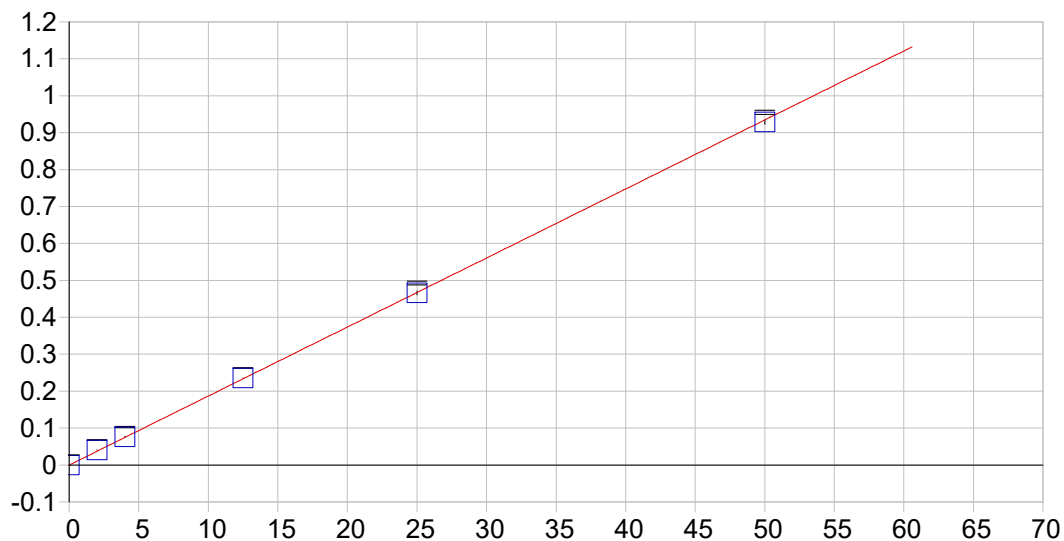


Mn 257.610 {131}

Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000159 Re-Slope: 1.000000  
A1 (Gain): 0.535649 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999969 Status: OK.  
Std Error of Est: 0.000070  
Predicted MDL: 0.001193  
Predicted MQL: 0.003976

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .02000       | .02261      | .003       | 13.1    | .01229 | .000    | 1        |
| S2        | .40000       | .40671      | .007       | 1.68    | .21821 | .001    | 1        |
| S3        | 1.2500       | 1.2591      | .009       | .728    | .67520 | .001    | 1        |
| S4        | 2.5000       | 2.4974      | -.003      | -.105   | 1.3391 | .008    | 1        |
| S5        | 5.0000       | 4.9842      | -.016      | -.316   | 2.6723 | .017    | 1        |

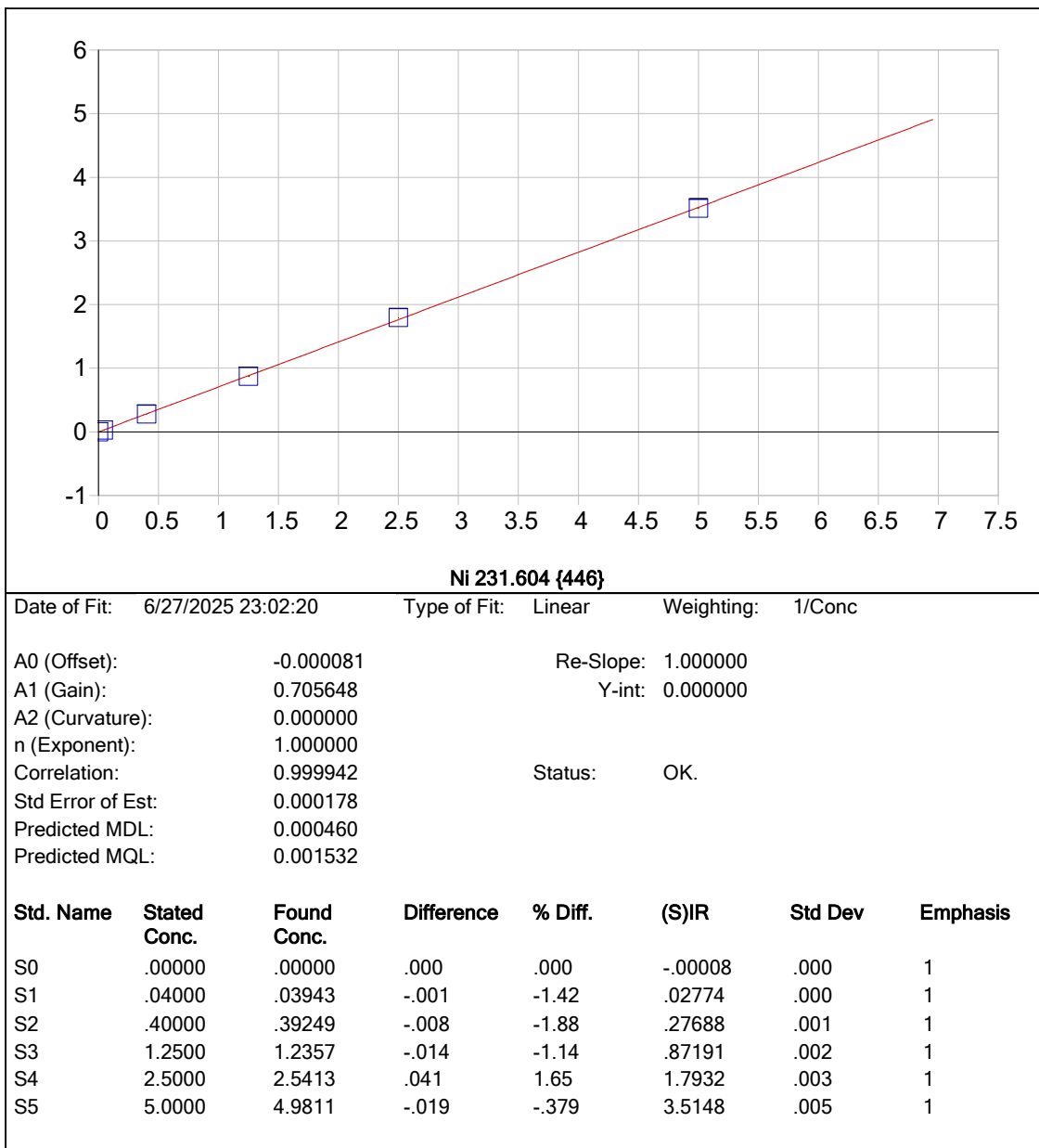


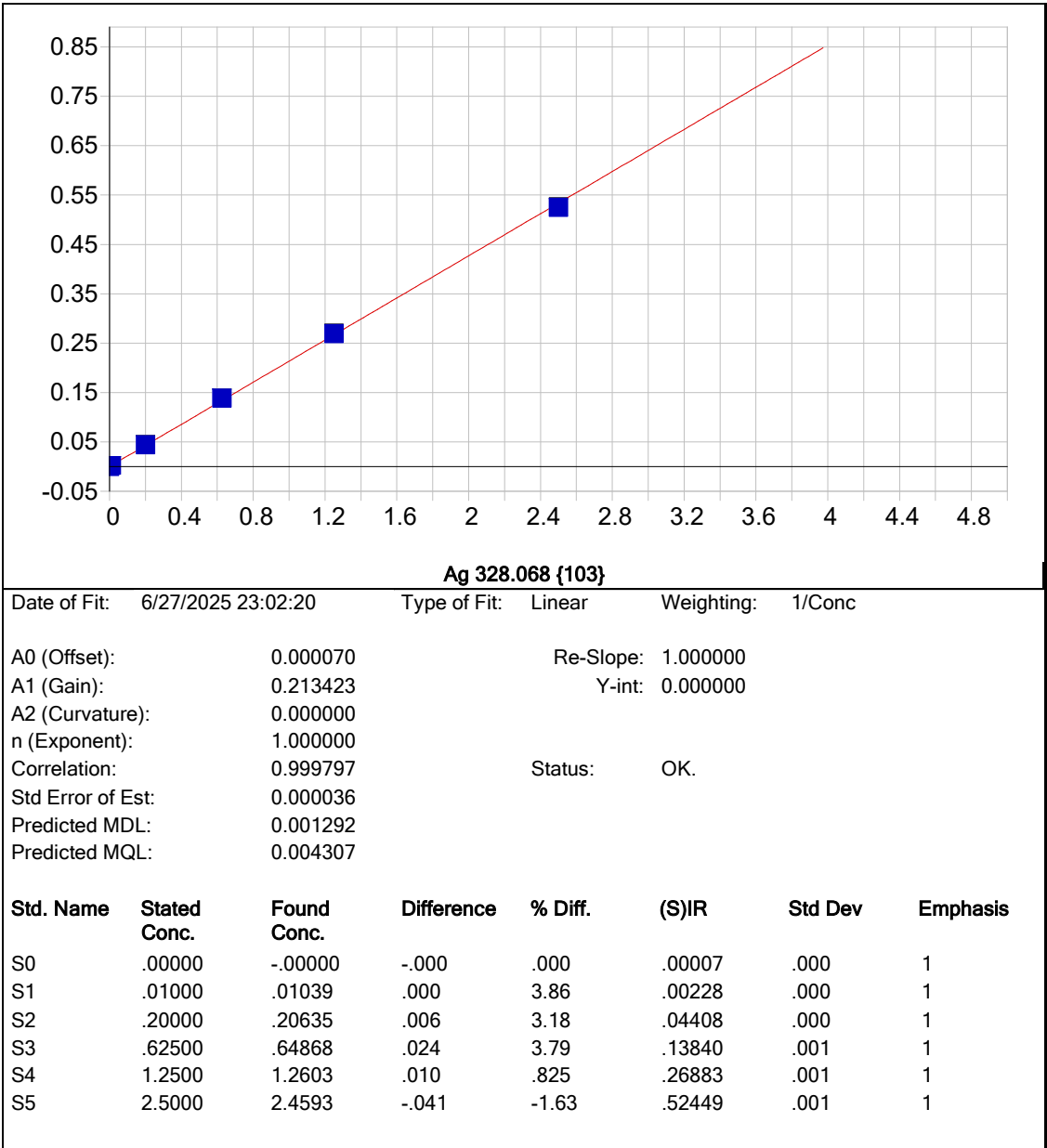
**Mg 279.079 {121}**

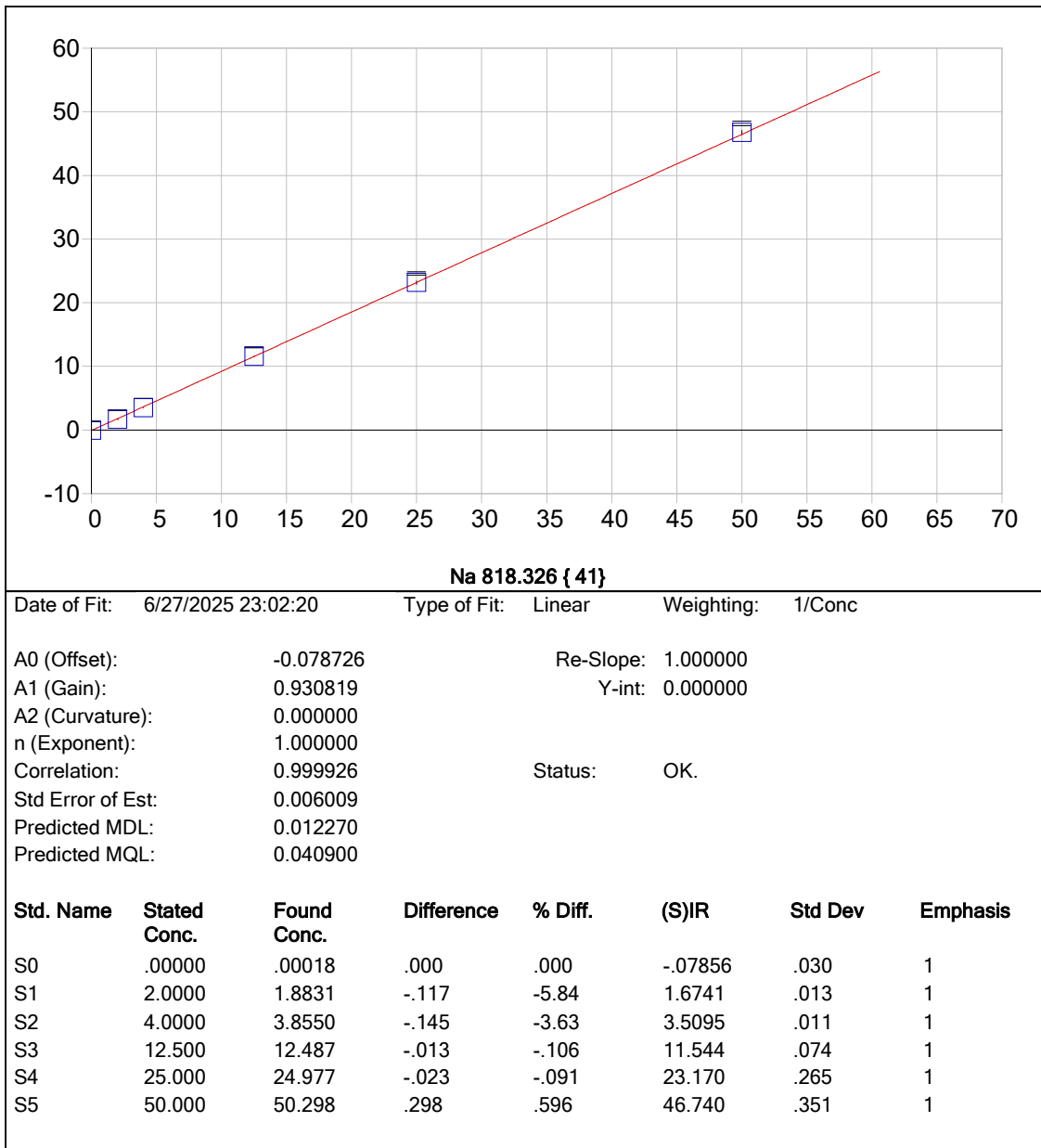
Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

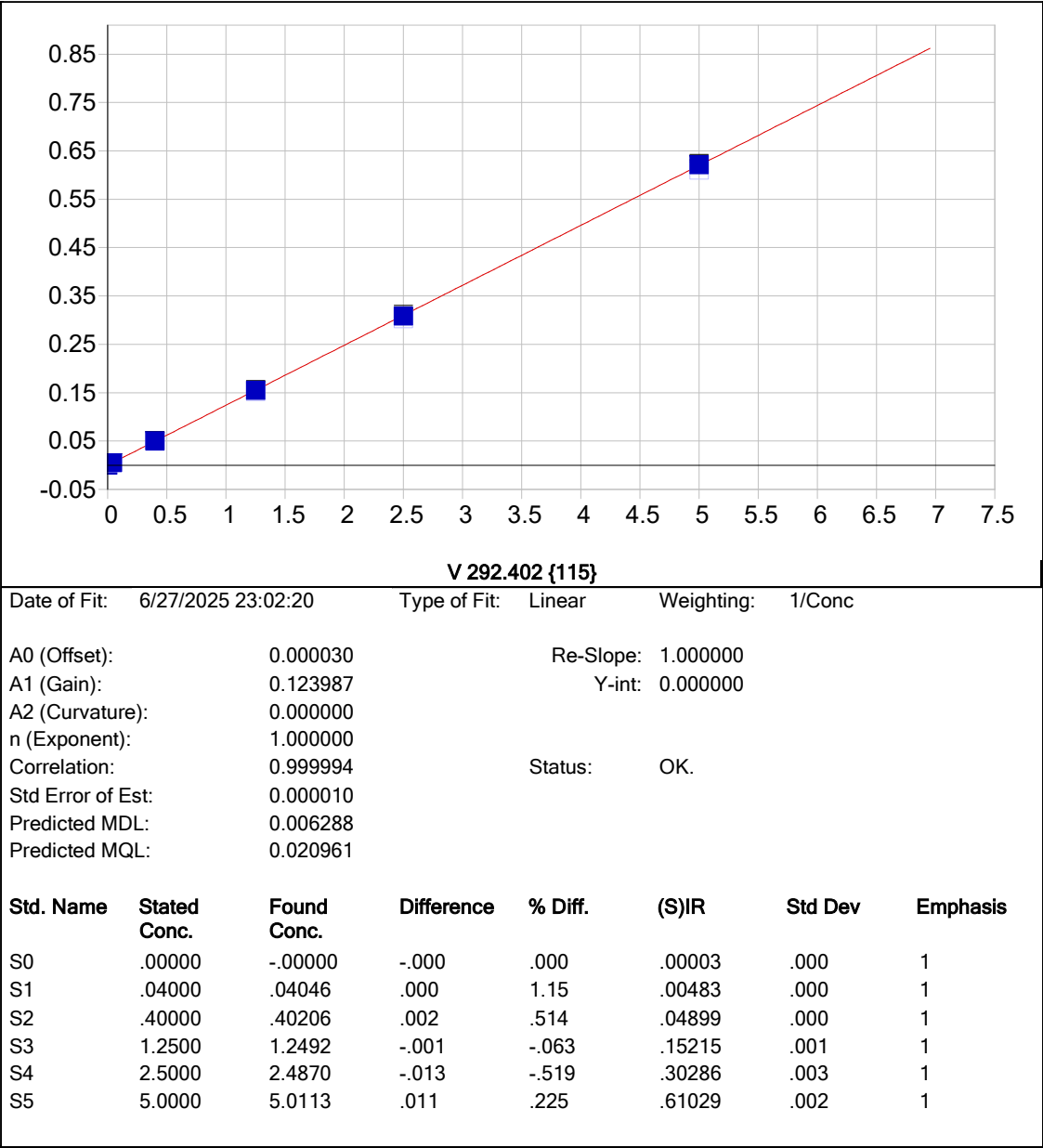
A0 (Offset): -0.000179 Re-Slope: 1.000000  
A1 (Gain): 0.018692 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999887 Status: OK.  
Std Error of Est: 0.000149  
Predicted MDL: 0.046393  
Predicted MQL: 0.154644

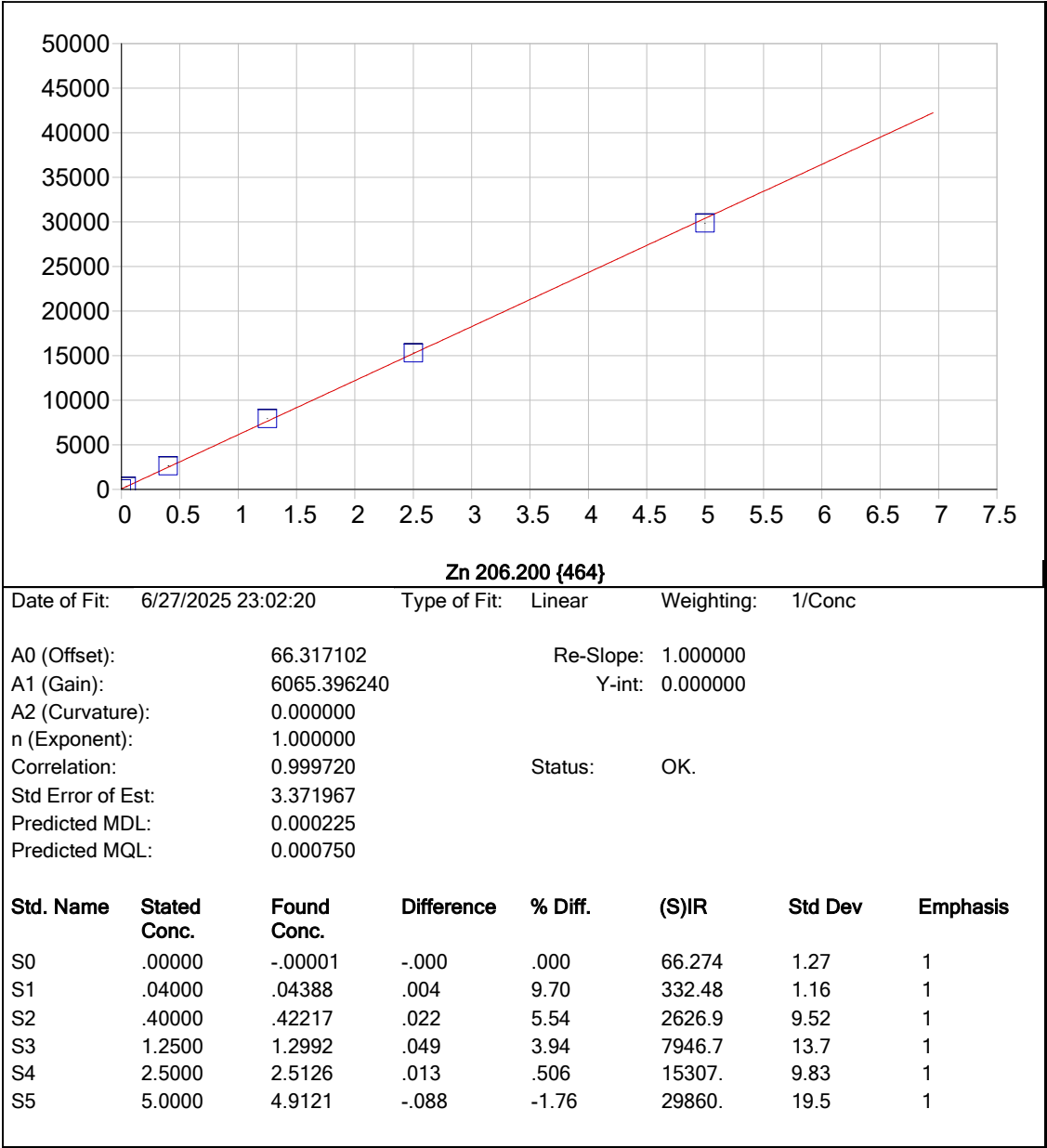
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00022     | -.000      | .000    | -.00018 | .001    | 1        |
| S1        | 2.0000       | 2.1828      | .183       | 9.14    | .04062  | .001    | 1        |
| S2        | 4.0000       | 4.0639      | .064       | 1.60    | .07578  | .002    | 1        |
| S3        | 12.500       | 12.625      | .125       | 1.00    | .23581  | .001    | 1        |
| S4        | 25.000       | 24.941      | -.059      | -.236   | .46601  | .005    | 1        |
| S5        | 50.000       | 49.687      | -.313      | -.626   | .92855  | .006    | 1        |

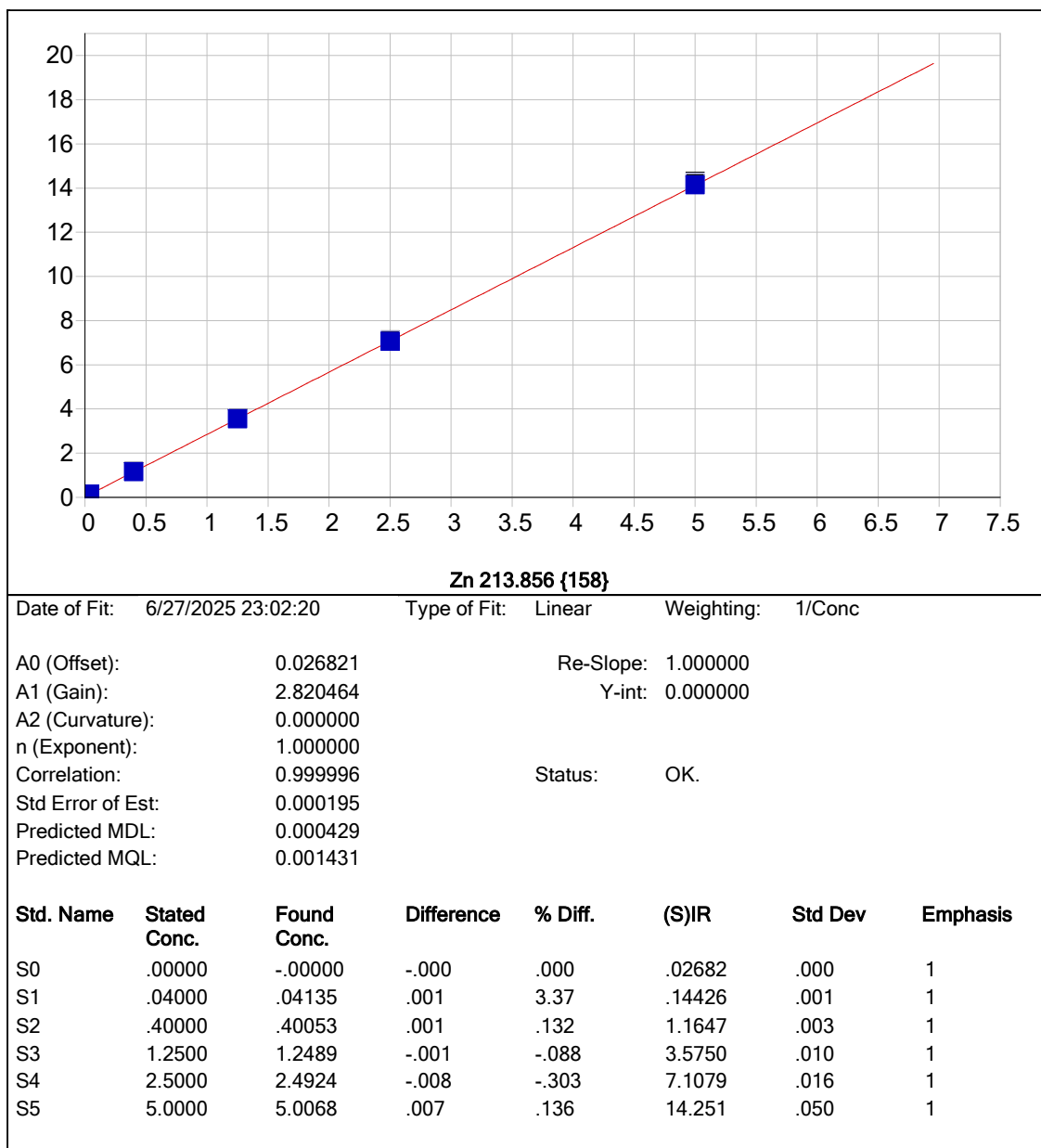


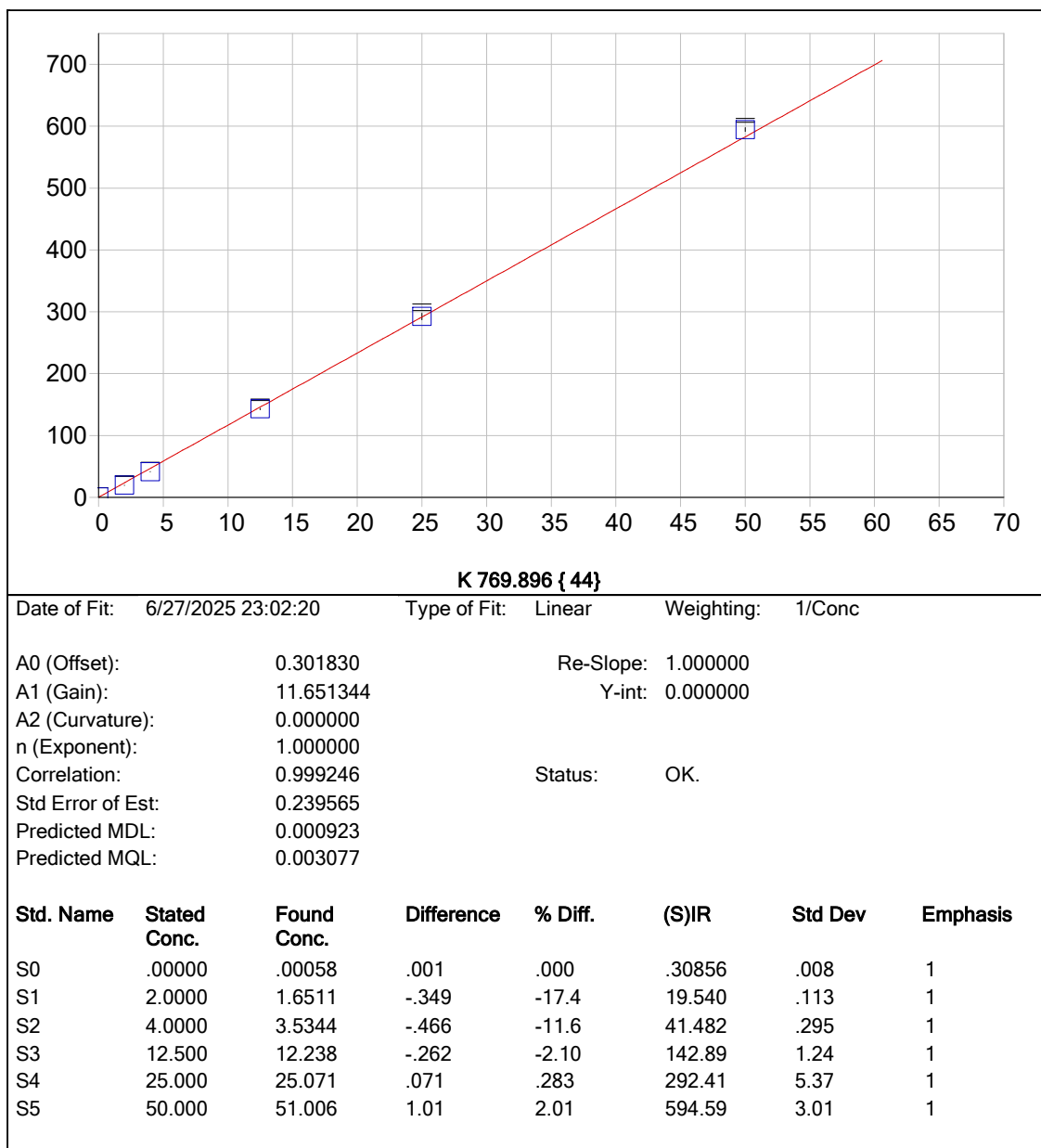


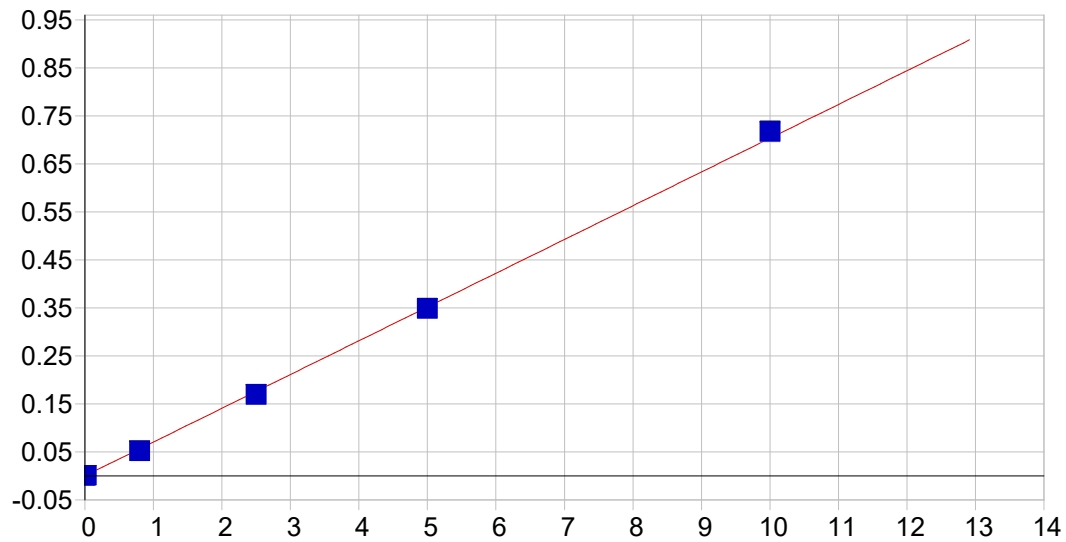










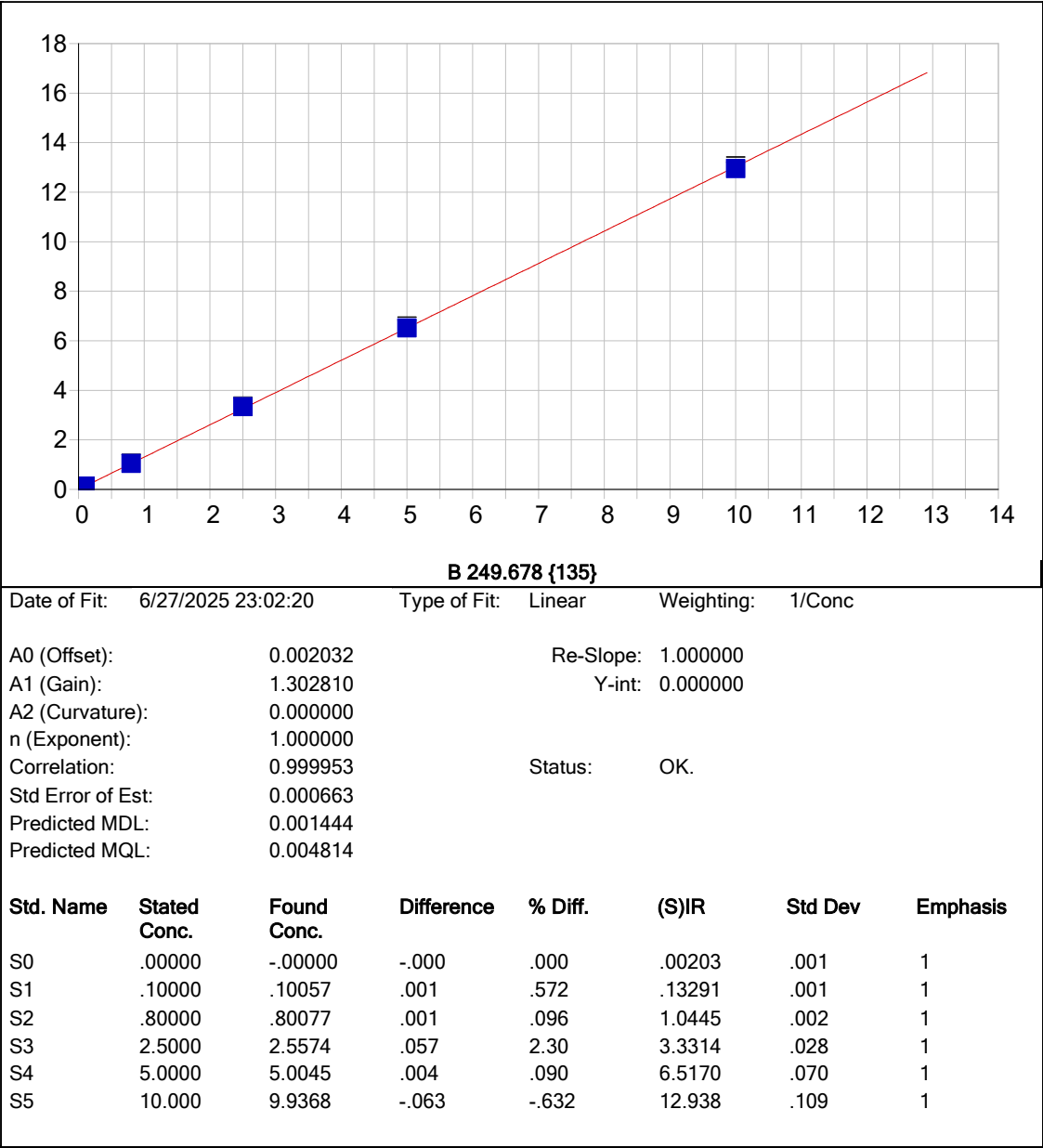


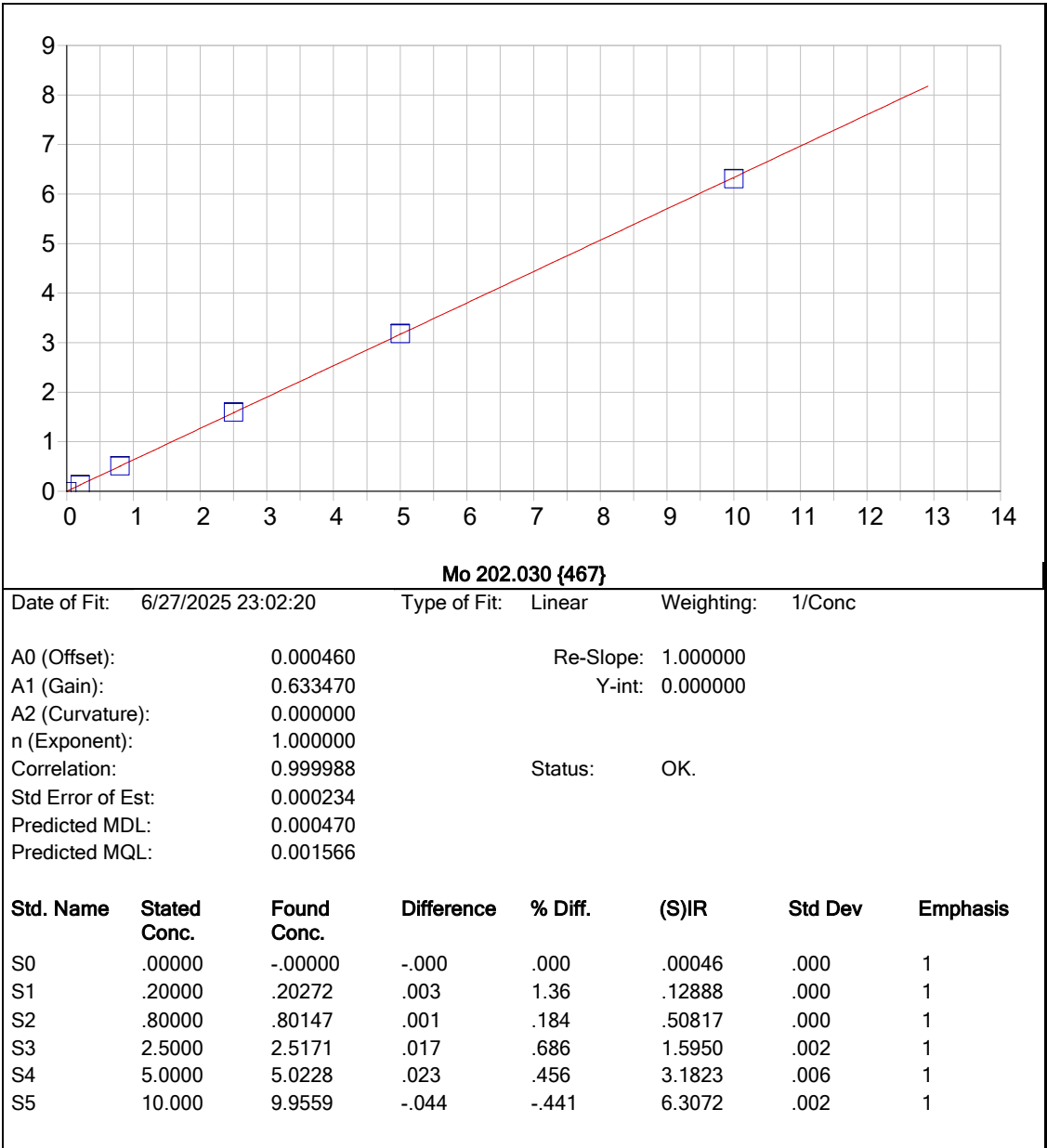
P 177.495 {490}

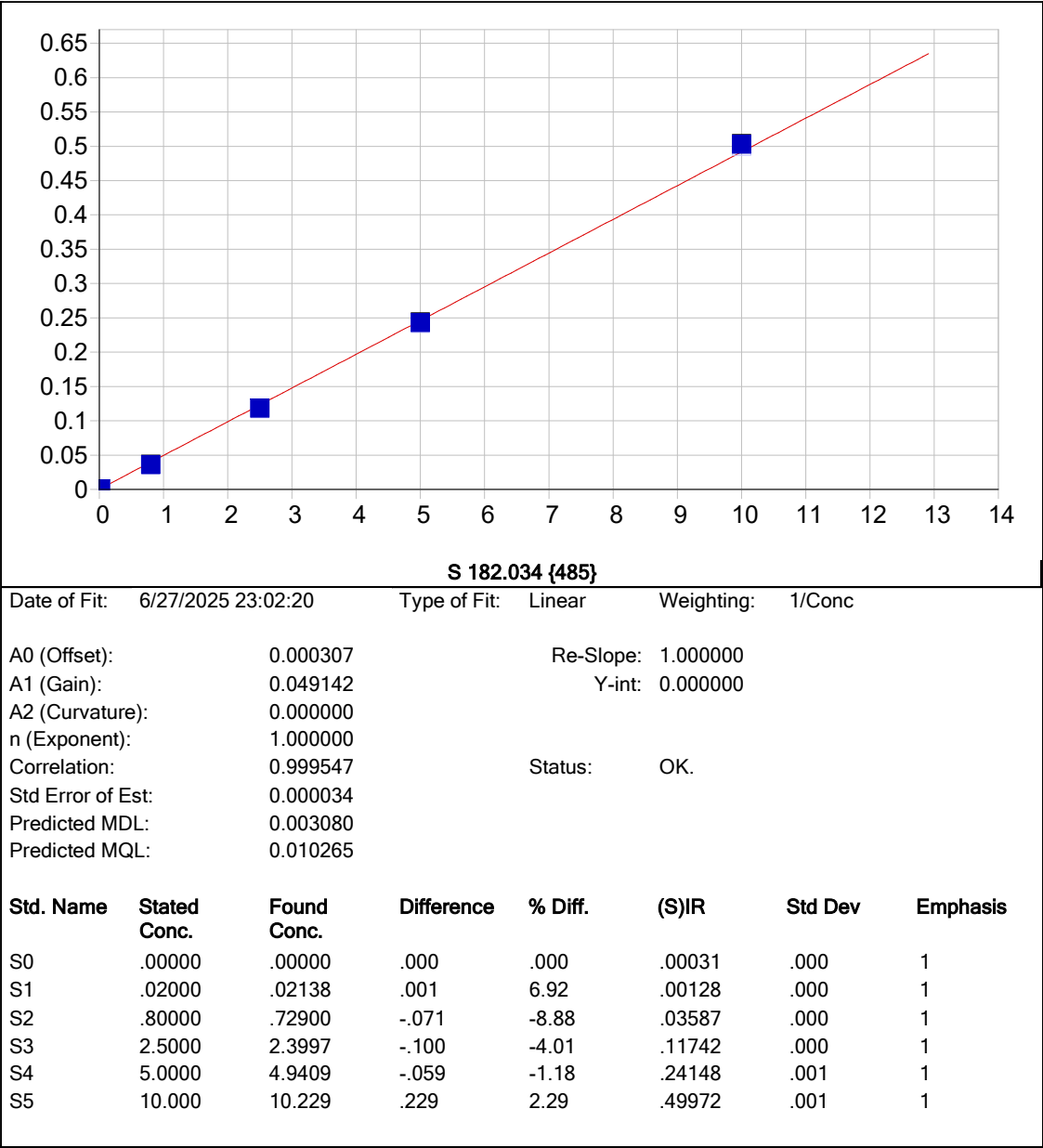
Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

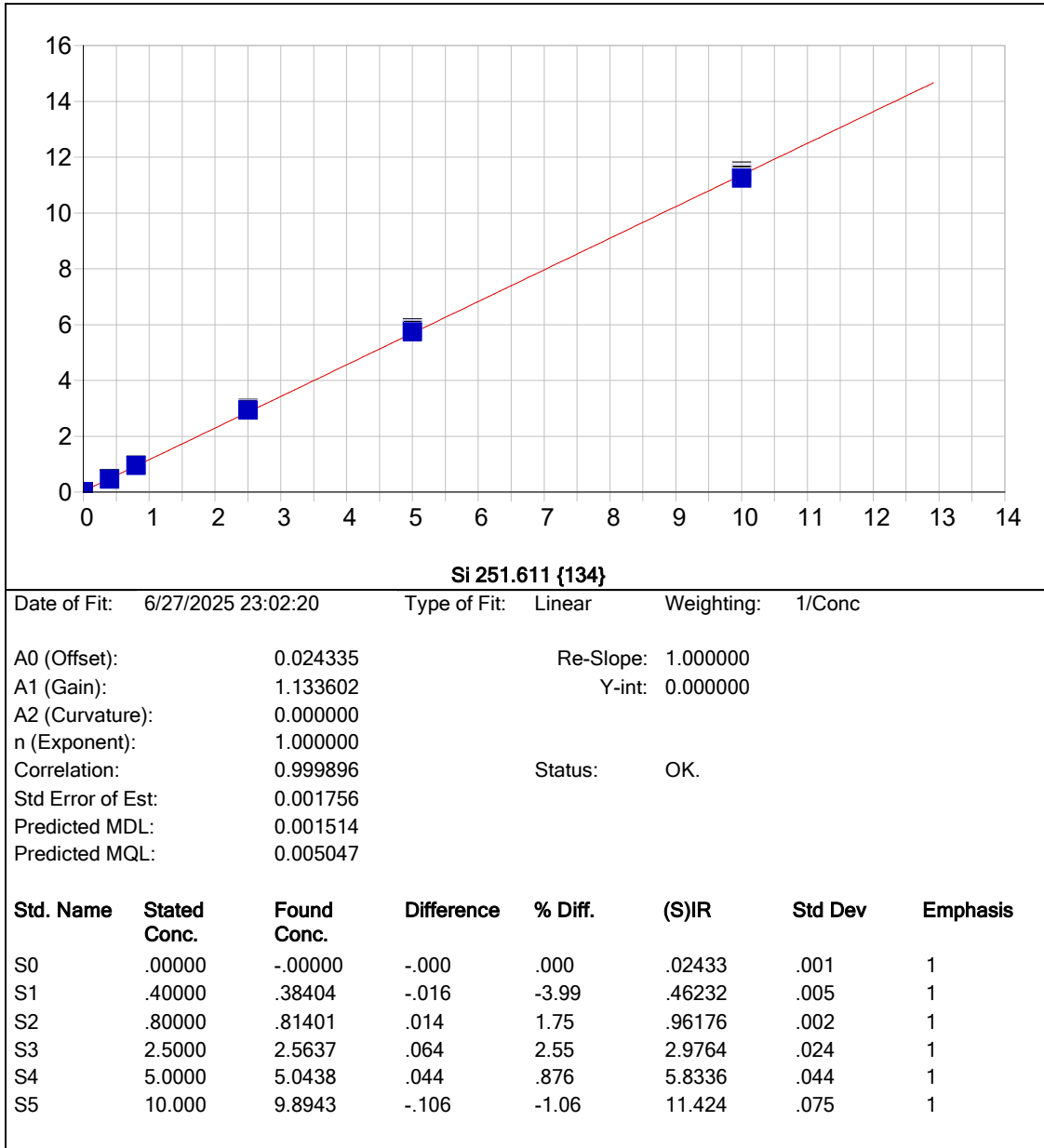
A0 (Offset): 0.000202 Re-Slope: 1.000000  
A1 (Gain): 0.070327 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999642 Status: OK.  
Std Error of Est: 0.000044  
Predicted MDL: 0.002070  
Predicted MQL: 0.006901

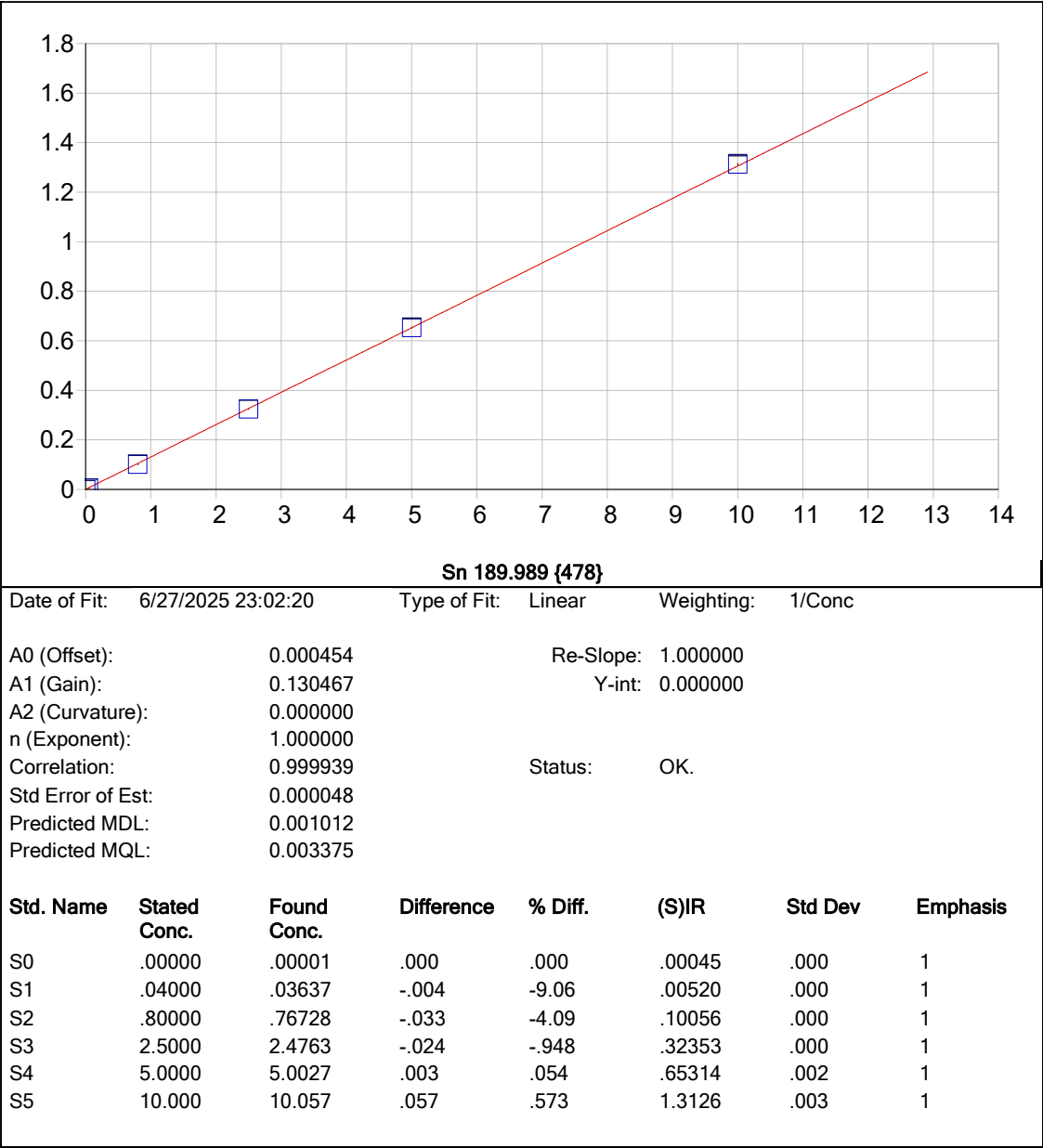
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00020 | .000    | 1        |
| S1        | .02000       | .01906      | -.001      | -4.71   | .00153 | .000    | 1        |
| S2        | .80000       | .73541      | -.065      | -8.07   | .05179 | .000    | 1        |
| S3        | 2.5000       | 2.4083      | -.092      | -3.67   | .16916 | .000    | 1        |
| S4        | 5.0000       | 4.9557      | -.044      | -.886   | .34791 | .001    | 1        |
| S5        | 10.000       | 10.202      | .202       | 2.02    | .71602 | .001    | 1        |

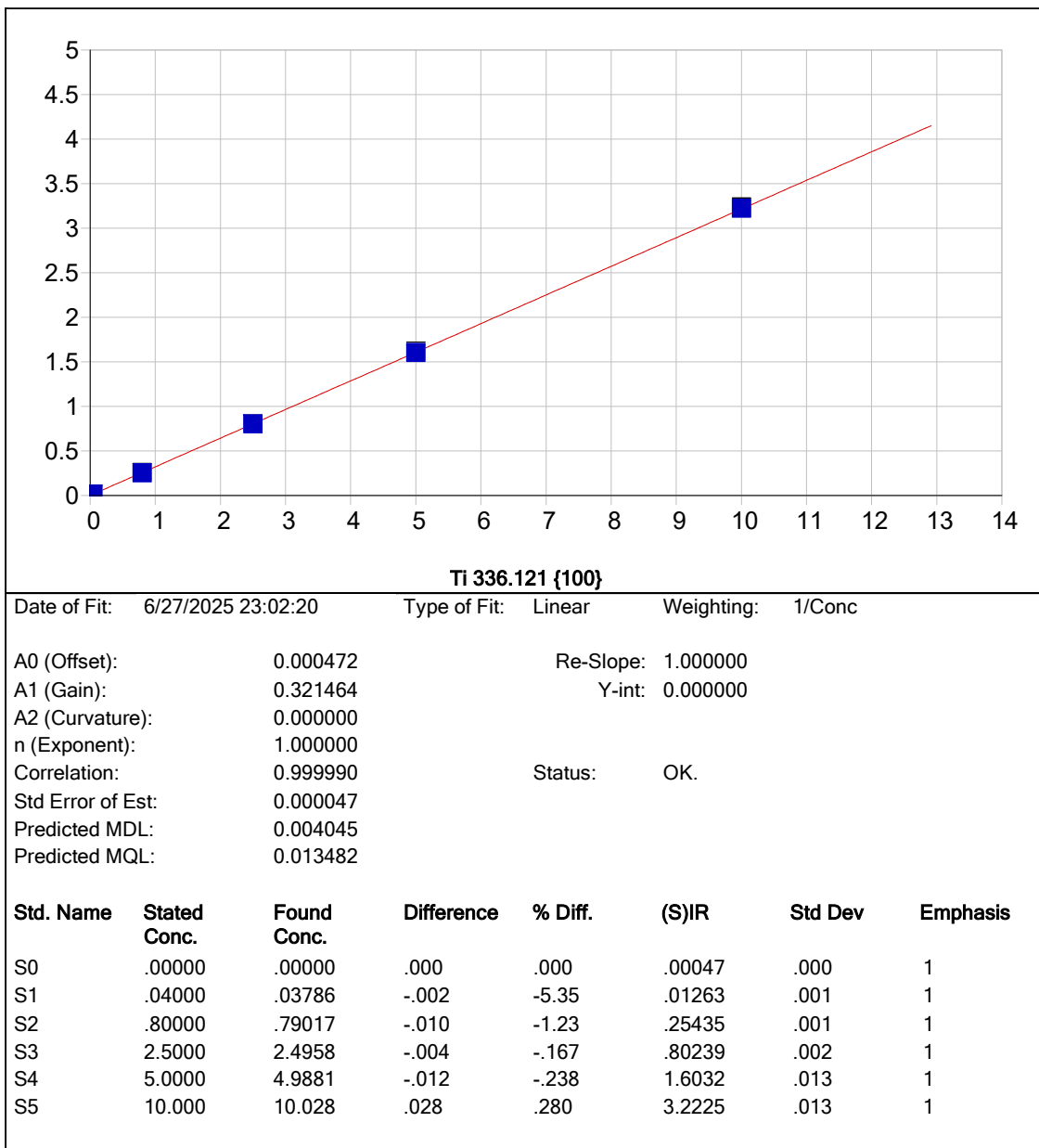


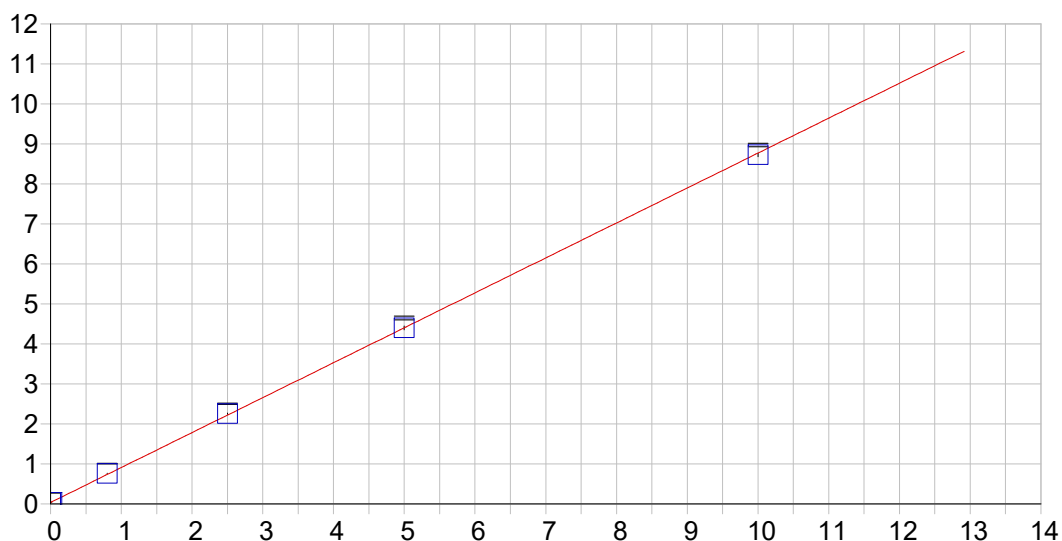










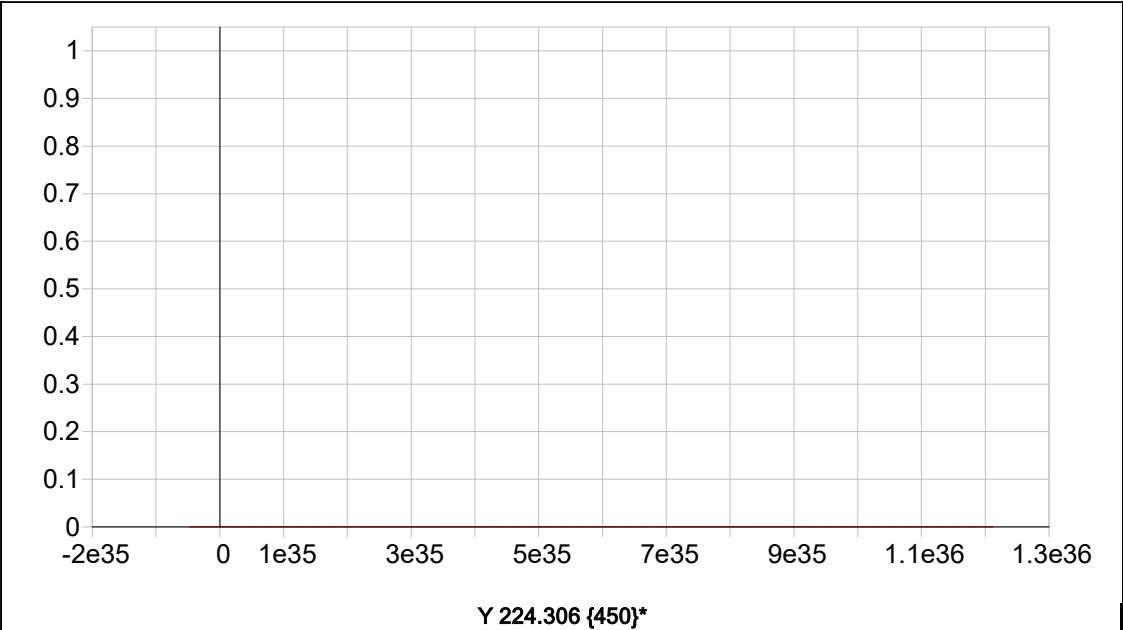


Li 670.784 { 50}

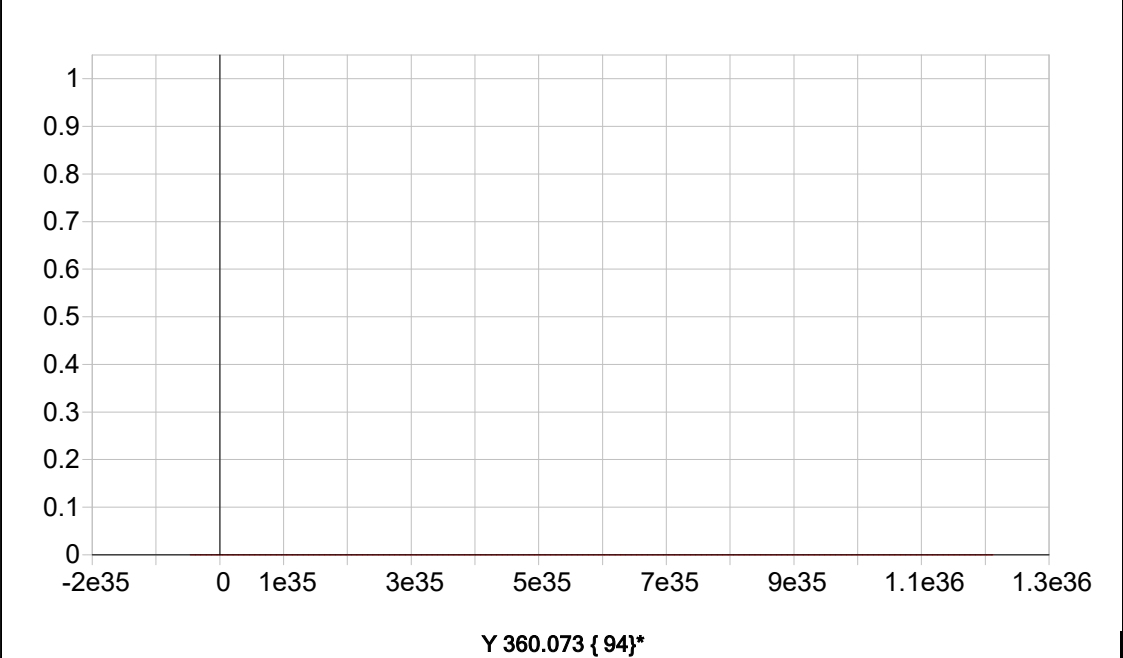
Date of Fit: 6/27/2025 23:02:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.036240 Re-Slope: 1.000000  
A1 (Gain): 0.873419 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999854 Status: OK.  
Std Error of Est: 0.000350  
Predicted MDL: 0.006291  
Predicted MQL: 0.020972

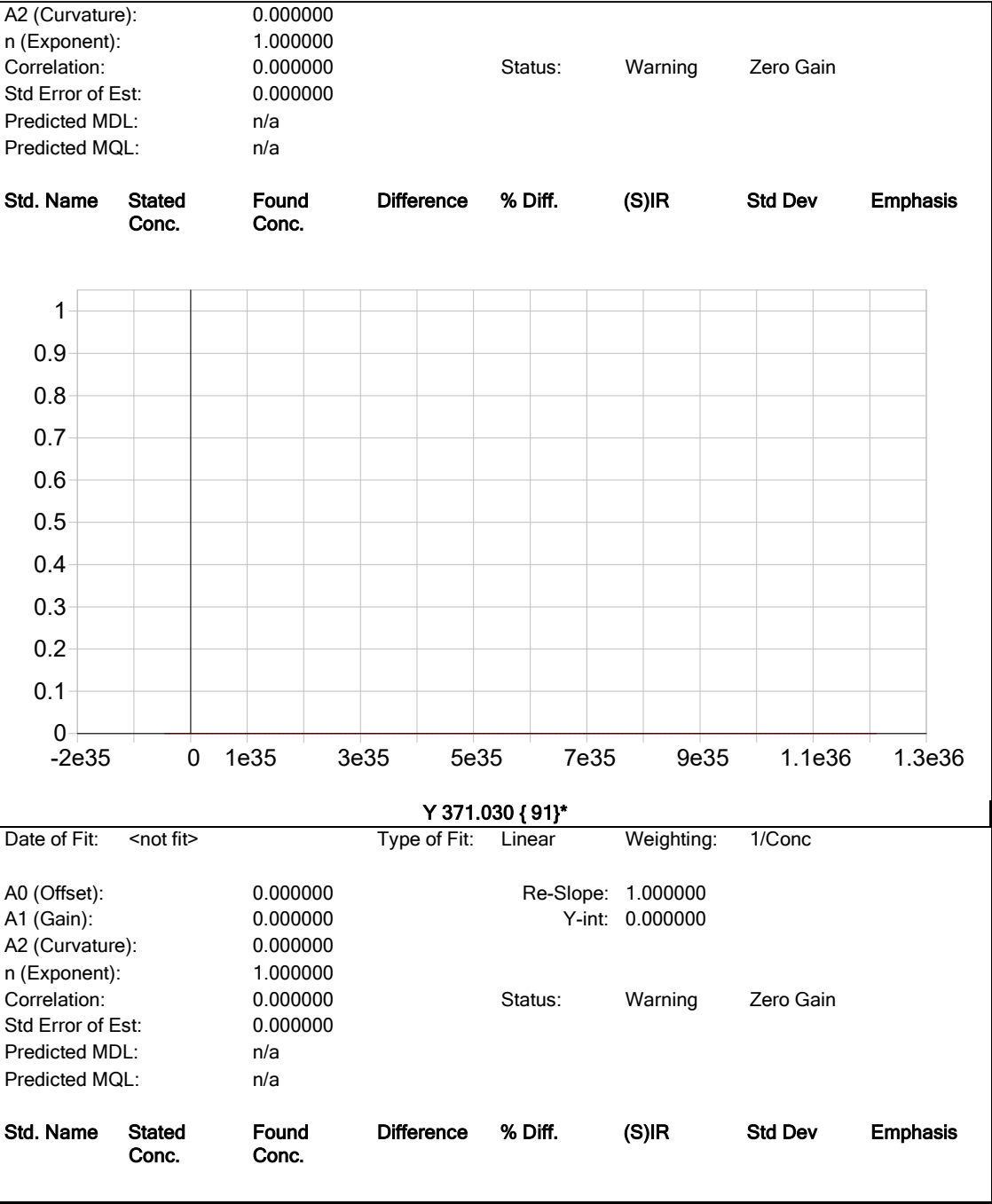
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .03625 | .008    | 1        |
| S5        | 10.000       | 9.9471      | -.053      | -.529   | 8.7242 | .044    | 1        |
| S4        | 5.0000       | 4.9952      | -.005      | -.096   | 4.3991 | .049    | 1        |
| S3        | 2.5000       | 2.5405      | .040       | 1.62    | 2.2551 | .013    | 1        |
| S2        | .80000       | .82576      | .026       | 3.22    | .75748 | .008    | 1        |
| S1        | .02000       | .01152      | -.008      | -42.4   | .04630 | .005    | 1        |



|                   |              |              |            |            |        |         |          |
|-------------------|--------------|--------------|------------|------------|--------|---------|----------|
| Date of Fit:      | <not fit>    | Type of Fit: | Linear     | Weighting: | 1/Conc |         |          |
| A0 (Offset):      | 0.000000     | Re-Slope:    | 1.000000   |            |        |         |          |
| A1 (Gain):        | 0.000000     | Y-int:       | 0.000000   |            |        |         |          |
| A2 (Curvature):   | 0.000000     |              |            |            |        |         |          |
| n (Exponent):     | 1.000000     |              |            |            |        |         |          |
| Correlation:      | 0.000000     | Status:      | Warning    | Zero Gain  |        |         |          |
| Std Error of Est: | 0.000000     |              |            |            |        |         |          |
| Predicted MDL:    | n/a          |              |            |            |        |         |          |
| Predicted MQL:    | n/a          |              |            |            |        |         |          |
| Std. Name         | Stated Conc. | Found Conc.  | Difference | % Diff.    | (S)IR  | Std Dev | Emphasis |



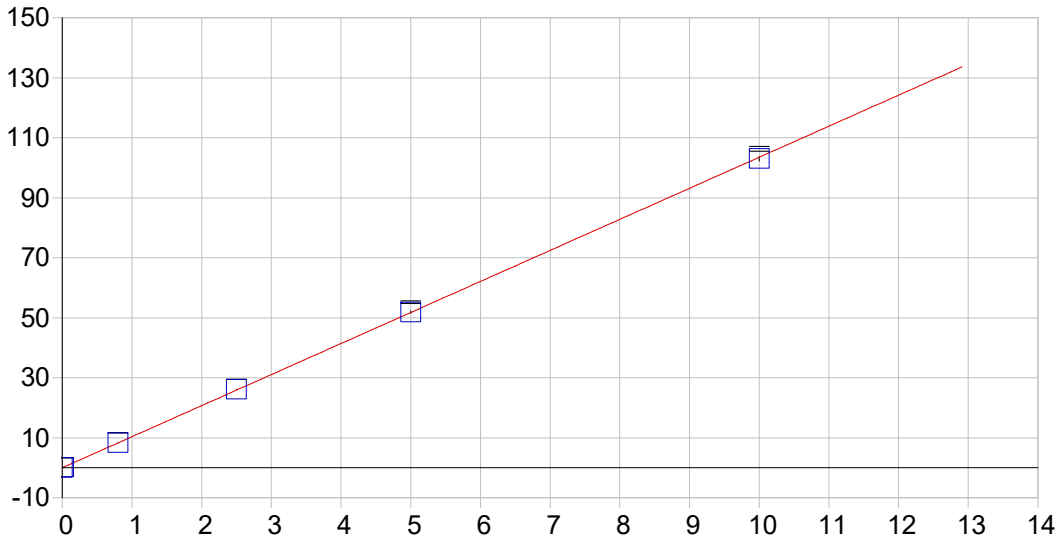
|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |  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





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

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



Sr 407.771 { 83}

|                   |                    |              |         |            |          |  |  |
|-------------------|--------------------|--------------|---------|------------|----------|--|--|
| Date of Fit:      | 6/27/2025 23:02:20 | Type of Fit: | Linear  | Weighting: | 1/Conc   |  |  |
| A0 (Offset):      | 0.000319           |              |         | Re-Slope:  | 1.000000 |  |  |
| A1 (Gain):        | 10.349802          |              |         | Y-int:     | 0.000000 |  |  |
| A2 (Curvature):   | 0.000000           |              |         |            |          |  |  |
| n (Exponent):     | 1.000000           |              |         |            |          |  |  |
| Correlation:      | 0.999983           |              | Status: | OK.        |          |  |  |
| Std Error of Est: | 0.001419           |              |         |            |          |  |  |
| Predicted MDL:    | 0.000219           |              |         |            |          |  |  |
| Predicted MQL:    | 0.000728           |              |         |            |          |  |  |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00031 | .003    | 1        |
| S1        | .02000       | .02048      | .000       | 2.39    | .21227 | .002    | 1        |
| S2        | .80000       | .80547      | .005       | .684    | 8.3368 | .024    | 1        |
| S3        | 2.5000       | 2.5289      | .029       | 1.15    | 26.174 | .033    | 1        |
| S4        | 5.0000       | 5.0118      | .012       | .236    | 51.872 | .384    | 1        |
| S5        | 10.000       | 9.9534      | -.047      | -.466   | 103.02 | .804    | 1        |

LB136362

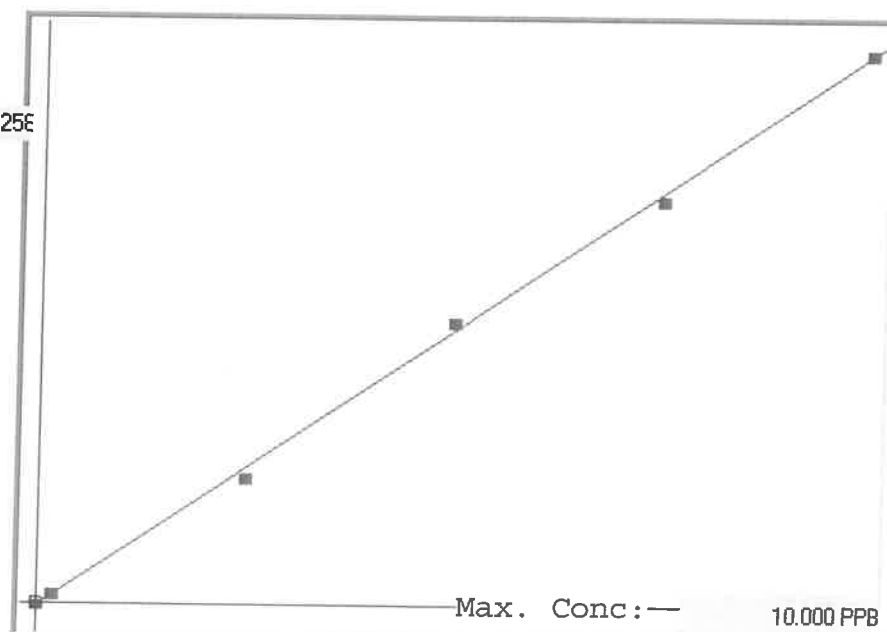
7471B

INSTRUMENT ID: CV1

Linear

$\mu$  Abs.:

44256



A= 0.0000e+000

B= 2.2579e-004

C= 4.4561e-002

Rho= 0.9995670

Accept=Accepted

| Std ID | Conc.  | Calc.  | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | %RSD |
|--------|--------|--------|--------|-------|------------|-------|-------|-------|-------|-------|------|
| 0.0    | 0.000  | 0.048  | 0.048  | 16    | 0.000      | 16    |       |       |       |       |      |
| 0.2    | 0.200  | 0.223  | 0.023  | 791   | 0.0 %      | 791   |       |       |       |       |      |
| 2.5    | 2.500  | 2.344  | -0.156 | 10182 | 0.0 %      | 10182 |       |       |       |       |      |
| 5.0    | 5.000  | 5.167  | 0.167  | 22685 | 0.0 %      | 22685 |       |       |       |       |      |
| 7.5    | 7.500  | 7.381  | -0.119 | 32491 | 0.0 %      | 32491 |       |       |       |       |      |
| 10.0   | 10.000 | 10.038 | 0.038  | 44258 | 0.0 %      | 44258 |       |       |       |       |      |

# LB136362 INSTRUMENT ID : CV1

Method: 7471B

Operator: Admin

Date of Analysis: 26 Jun 2025 09:48:53

| Sample ID       | Extended ID   | μ Abs. | Conc.   | Std Conc | Method | Units | Date                 | Type | Type |
|-----------------|---------------|--------|---------|----------|--------|-------|----------------------|------|------|
| 0.0 - 1         | 50            | 16     | -       | 0.0000   | 7471B  | PPB   | 26 Jun 2025 09:50:30 | S    | Std  |
| 0.2 - 1         | 50.2          | 791    | -       | 0.2000   | 7471B  | PPB   | 26 Jun 2025 09:52:47 | S    | Std  |
| 2.5 - 1         | 52.5          | 10182  | -       | 2.5000   | 7471B  | PPB   | 26 Jun 2025 09:55:04 | S    | Std  |
| 5.0 - 1         | 55            | 22685  | -       | 5.0000   | 7471B  | PPB   | 26 Jun 2025 09:57:21 | S    | Std  |
| 7.5 - 1         | 57.5          | 32491  | -       | 7.5000   | 7471B  | PPB   | 26 Jun 2025 09:59:39 | S    | Std  |
| 10.0 - 1        | 57.5          | 44258  | -       | 10.0000  | 7471B  | PPB   | 26 Jun 2025 10:01:58 | S    | Std  |
| ICV06 - 1       | ICV06         | 17222  | 3.9332  | -        | 7471B  | PPB   | 26 Jun 2025 10:05:00 | U    | SMPL |
| ICB06 - 1       | ICB06         | -266   | -0.0155 | -        | 7471B  | PPB   | 26 Jun 2025 10:07:15 | U    | SMPL |
| CCV16 - 1       | CCV16         | 22652  | 5.1592  | -        | 7471B  | PPB   | 26 Jun 2025 10:09:34 | U    | SMPL |
| CCB16 - 1       | CCB16         | -277   | -0.0180 | -        | 7471B  | PPB   | 26 Jun 2025 10:11:49 | U    | SMPL |
| CRA - 1         | CRA           | 774    | 0.2193  | -        | 7471B  | PPB   | 26 Jun 2025 10:14:10 | U    | SMPL |
| HighStd - 1     | HighStd       | 44570  | 10.1081 | -        | 7471B  | PPB   | 26 Jun 2025 10:16:25 | U    | SMPL |
| ChkStd - 1      | ChkStd        | 31462  | 7.1484  | -        | 7471B  | PPB   | 26 Jun 2025 10:18:40 | U    | SMPL |
| PB168616BL - 1  | PBS           | -388   | -0.0430 | -        | 7471B  | PPB   | 26 Jun 2025 10:21:10 | U    | SMPL |
| PB168616BS - 1  | LCSS          | 17080  | 3.9011  | -        | 7471B  | PPB   | 26 Jun 2025 10:23:32 | U    | SMPL |
| Q2392-01 - 1    | S-1           | 759    | 0.2159  | -        | 7471B  | PPB   | 26 Jun 2025 10:25:49 | U    | SMPL |
| Q2393-01 - 1    | PARK AVE -1   | 1503   | 0.3839  | -        | 7471B  | PPB   | 26 Jun 2025 10:28:08 | U    | SMPL |
| Q2393-03 - 1    | PARK AVE -2   | 2789   | 0.6743  | -        | 7471B  | PPB   | 26 Jun 2025 10:30:25 | U    | SMPL |
| Q2393-05 - 1    | PARK AVE -3   | 1590   | 0.4036  | -        | 7471B  | PPB   | 26 Jun 2025 10:32:43 | U    | SMPL |
| Q2393-07 - 1    | PARK AVE -4   | 2240   | 0.5503  | -        | 7471B  | PPB   | 26 Jun 2025 10:34:59 | U    | SMPL |
| CCV17 - 1       | CCV17         | 24003  | 5.4642  | -        | 7471B  | PPB   | 26 Jun 2025 10:37:15 | U    | SMPL |
| CCB17 - 1       | CCB17         | -244   | -0.0105 | -        | 7471B  | PPB   | 26 Jun 2025 10:39:31 | U    | SMPL |
| Q2393-09 - 1    | PARK AVE -5   | 1539   | 0.3921  | -        | 7471B  | PPB   | 26 Jun 2025 10:41:55 | U    | SMPL |
| Q2393-11 - 1    | PARK AVE -6   | 1489   | 0.3808  | -        | 7471B  | PPB   | 26 Jun 2025 10:44:10 | U    | SMPL |
| Q2394-01 - 1    | MH-K/L        | 520    | 0.1620  | -        | 7471B  | PPB   | 26 Jun 2025 10:46:26 | U    | SMPL |
| Q2398-03 - 1    | M00-25-0179   | 306    | 0.1137  | -        | 7471B  | PPB   | 26 Jun 2025 10:48:42 | U    | SMPL |
| Q2398-06 - 1    | ARS20-0036    | -1     | 0.0443  | -        | 7471B  | PPB   | 26 Jun 2025 10:50:57 | U    | SMPL |
| Q2399-01 - 1    | TP-13         | 2828   | 0.6831  | -        | 7471B  | PPB   | 26 Jun 2025 10:53:14 | U    | SMPL |
| Q2399-05 - 1    | EP-7          | 1504   | 0.3842  | -        | 7471B  | PPB   | 26 Jun 2025 10:55:30 | U    | SMPL |
| Q2400-01 - 1    | B-156-SB01    | 43668  | 9.9044  | -        | 7471B  | PPB   | 26 Jun 2025 10:57:48 | U    | SMPL |
| Q2400-02 - 1    | B-134-SB01    | 629    | 0.1866  | -        | 7471B  | PPB   | 26 Jun 2025 11:00:05 | U    | SMPL |
| Q2403-03 - 1    | LAW-25-0093   | 234    | 0.0974  | -        | 7471B  | PPB   | 26 Jun 2025 11:02:50 | U    | SMPL |
| CCV18 - 1       | CCV18         | 22795  | 5.1915  | -        | 7471B  | PPB   | 26 Jun 2025 11:07:10 | U    | SMPL |
| CCB18 - 1       | CCB18         | -255   | -0.0130 | -        | 7471B  | PPB   | 26 Jun 2025 11:09:25 | U    | SMPL |
| Q2403-07 - 1    | ARS 20-006    | 2282   | 0.5598  | -        | 7471B  | PPB   | 26 Jun 2025 11:11:49 | U    | SMPL |
| Q2403-07DUP - 1 | ARS 20-006DUP | 1941   | 0.4828  | -        | 7471B  | PPB   | 26 Jun 2025 11:14:04 | U    | SMPL |
| Q2403-07MS - 1  | ARS 20-006MS  | 19551  | 4.4590  | -        | 7471B  | PPB   | 26 Jun 2025 11:16:20 | U    | SMPL |
| Q2403-07MSD - 1 | ARS 20-006MSD | 18050  | 4.1201  | -        | 7471B  | PPB   | 26 Jun 2025 11:18:36 | U    | SMPL |
| Q2405-01 - 1    | MH-M/H        | 9      | 0.0466  | -        | 7471B  | PPB   | 26 Jun 2025 11:20:55 | U    | SMPL |
| Q2403-07LX5 - 1 |               | 413    | 0.1378  | -        | 7471B  | PPB   | 26 Jun 2025 11:23:14 | U    | SMPL |
| Q2403-07A - 1   |               | 18810  | 4.2917  | -        | 7471B  | PPB   | 26 Jun 2025 11:25:30 | U    | SMPL |
| CCV19 - 1       | CCV19         | 21880  | 4.9849  | -        | 7471B  | PPB   | 26 Jun 2025 11:27:47 | U    | SMPL |
| CCB19 - 1       | CCB19         | -263   | -0.0148 | -        | 7471B  | PPB   | 26 Jun 2025 11:30:07 | U    | SMPL |

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 06/24/2025 Time : 13:15 Temp : 96 °C

End Digest Date: 06/24/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *S/S*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 1.00     | M6007               |
| LFS-2         | 1.00     | M6015               |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

| Chemical Used       | ML/SAMPLE USED | Lot Number |
|---------------------|----------------|------------|
| CONC: HNO3          | 5.00           | M6158      |
| 1:1 HNO3            | 10.00          | MP84041    |
| 30% H2O2            | 3.00           | M6162      |
| Conc. HCL           | 10.00          | M6151      |
| PTFE Boiling Stones | N/A            | M5581      |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |
| N/A                 | N/A            | N/A        |

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 06/24/25 16:32 | <i>S/S met. dig</i>                     | <i>[Signature]</i>   |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | pH  | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment     | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|-------------|----------|
| PB168598BL    | PBS598           | N/A | 2.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 1        |
| PB168598BS    | LCS598           | N/A | 2.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | M6007,M6015 | 2        |
| Q2392-01      | S-1              | N/A | 2.15               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 3        |
| Q2393-01      | PARK AVE -1      | N/A | 2.20               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 4        |
| Q2393-03      | PARK AVE -2      | N/A | 2.41               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 5        |
| Q2393-05      | PARK AVE -3      | N/A | 2.43               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 6        |
| Q2393-07      | PARK AVE -4      | N/A | 2.44               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 7        |
| Q2393-09      | PARK AVE -5      | N/A | 2.20               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 8        |
| Q2393-11      | PARK AVE -6      | N/A | 2.24               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 9        |
| Q2393-11MS    | PARK AVE -6MS    | N/A | 2.27               | 100            | Brown        | Yellow      | Medium  | N/A      | M6007,M6015 | 11       |
| Q2393-11MSD   | PARK AVE -6MSD   | N/A | 2.22               | 100            | Brown        | Yellow      | Medium  | N/A      | M6007,M6015 | 12       |
| Q2393-11DUP   | PARK AVE -6DUP   | N/A | 2.44               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 10       |
| Q2394-01      | MH-K/L           | N/A | 2.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 13       |
| Q2398-03      | M00-25-0179      | N/A | 2.14               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 14       |
| Q2398-06      | ARS20-0036       | N/A | 2.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 15       |
| Q2399-01      | TP-13            | N/A | 2.21               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 16       |
| Q2399-05      | EP-7             | N/A | 2.19               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 17       |
| Q2400-01      | B-156-SB01       | N/A | 2.22               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 18       |
| Q2400-02      | B-134-SB01       | N/A | 2.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 19       |

# WORKLIST(Hardcopy Internal Chain)

Worklist Name : PB168598

Worklist ID : 190353

Department : Digestion

Date : 06-24-2025 12:48:54

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------|
| Q2392-01 | S-1             | Solid  | Metals ICP-TAL | Cool 4 deg C | EARTH03  | A41                         | 06/23/2025   | 6010D  |
| Q2393-01 | PARK AVE -1     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2393-03 | PARK AVE -2     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2393-05 | PARK AVE -3     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2393-07 | PARK AVE -4     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2393-09 | PARK AVE -5     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2393-11 | PARK AVE -6     | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2394-01 | MH-K/L          | Solid  | Metals ICP-TAL | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 6010D  |
| Q2398-03 | M00-25-0179     | Solid  | Metals ICP-TAL | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | 6010D  |
| Q2398-06 | ARSS20-0036     | Solid  | Metals ICP-TAL | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | 6010D  |
| Q2399-01 | TP-13           | Solid  | Metals ICP-TAL | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | 6010D  |
| Q2399-05 | EP-7            | Solid  | Metals ICP-TAL | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | 6010D  |
| Q2400-01 | B-156-SB01      | Solid  | Metals ICP-TAL | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | 6010D  |
| Q2400-02 | B-134-SB01      | Solid  | Metals ICP-TAL | Cool 4 deg C | PORT06   | A42                         | 06/23/2025   | 6010D  |

Date/Time

06/24/25 13:05

Raw Sample Received by:

SPS, mch, d1

Raw Sample Relinquished by:

SPS, mch, d1

Date/Time

06/24/2025 14:10

Raw Sample Received by:

SPS, mch, d1

Raw Sample Relinquished by:

SPS, mch, d1

SOP ID : M7471B-Mercury-18

SDG No : NA

Matrix : SOIL

Pipette ID : HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/24/2025 Time : 15:35 Temp : 95 °C

End Digest Date: 06/24/2025 Time : 16:06 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *MB*

Supervisor Signature: *12*

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| ICV               | 30mL     | MP86182             |
| CCV               | 30mL     | MP86184             |
| CRA               | 30mL     | MP86186             |
| Blank Spike       | 0.48mL   | MP86174             |
| Matrix Spike      | N/A      | MP86174             |

| Chemical Used           | ML/SAMPLE USED | Lot Number |
|-------------------------|----------------|------------|
| AQUA REGIA              | 1.5mL          | MP86188    |
| KMnO <sub>4</sub> (5%)  | 4.5mL          | MP85893    |
| Hydroxylamine HCL (12%) | 2.0mL          | MP85895    |
| PTFE Boiling Stones     | -----          | M5582      |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |
| N/A                     | N/A            | N/A        |

| LAB SAMPLE ID | CLIENT SAMPLE ID | Wt(g)/Vol(ml) | Comment |
|---------------|------------------|---------------|---------|
| 0.0 ppb       | S0               | 30mL          | MP86175 |
| 0.05 ppb      | S0.05            | N/A           | N/A     |
| 0.2 ppb       | S0.2             | 30mL          | MP86177 |
| 2.5 ppb       | S2.5             | 30mL          | MP86178 |
| 5.0 ppb       | S5.0             | 30mL          | MP86179 |
| 7.5 ppb       | S7.5             | 30mL          | MP86180 |
| 10.0 ppb      | S10.0            | 30mL          | MP86181 |
| ICV           | ICV              | 30mL          | MP86182 |
| ICB           | ICB              | 30mL          | MP86183 |
| CCV           | CCV              | 30mL          | MP86184 |
| CCB           | CCB              | 30mL          | MP86185 |
| CRI           | CRI              | 30mL          | MP86186 |
| CHK STD       | CHK STD          | 30mL          | MP86187 |

## Extraction Conformance/Non-Conformance Comments:

| N/A           |                                         |                      |
|---------------|-----------------------------------------|----------------------|
| Date / Time   | Prepped Sample Relinquished By/Location | Received By/Location |
| 6/24/25 16:40 | <i>MB - 1119 LLS</i>                    | <i>MB - 1119 LLS</i> |
|               | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | Initial Weight (g) | Final Vol (ml) | pH | Comment | Prep Pos |
|---------------|------------------|--------------------|----------------|----|---------|----------|
| PB168616BL    | PBS616           | 0.51               | 35             | NA | N/A     | 3-1      |
| PB168616BS    | LCS616           | 0.53               | 35             | NA | MP86174 | 2        |
| Q2392-01      | S-1              | 0.54               | 35             | NA | N/A     | 3        |
| Q2393-01      | PARK AVE -1      | 0.53               | 35             | NA | N/A     | 4        |
| Q2393-03      | PARK AVE -2      | 0.58               | 35             | NA | N/A     | 5        |
| Q2393-05      | PARK AVE -3      | 0.51               | 35             | NA | N/A     | 6        |
| Q2393-07      | PARK AVE -4      | 0.57               | 35             | NA | N/A     | 7        |
| Q2393-09      | PARK AVE -5      | 0.59               | 35             | NA | N/A     | 8        |
| Q2393-11      | PARK AVE -6      | 0.53               | 35             | NA | N/A     | 9        |
| Q2394-01      | MH-K/L           | 0.58               | 35             | NA | N/A     | 10       |
| Q2398-03      | M00-25-0179      | 0.56               | 35             | NA | N/A     | 11       |
| Q2398-06      | ARS20-0036       | 0.57               | 35             | NA | N/A     | 12       |
| Q2399-01      | TP-13            | 0.55               | 35             | NA | N/A     | 13       |
| Q2399-05      | EP-7             | 0.58               | 35             | NA | N/A     | 14       |
| Q2400-01      | B-156-SB01       | 0.56               | 35             | NA | N/A     | 15       |
| Q2400-02      | B-134-SB01       | 0.54               | 35             | NA | N/A     | 16       |
| Q2403-03      | LAW-25-0093      | 0.55               | 35             | NA | N/A     | 17       |
| Q2403-07      | ARS 20-006       | 0.56               | 35             | NA | N/A     | 18       |
| Q2403-07DUP   | ARS 20-006DUP    | 0.56               | 35             | NA | N/A     | 19       |
| Q2403-07MS    | ARS 20-006MS     | 0.57               | 35             | NA | MP86174 | 20       |
| Q2403-07MSD   | ARS 20-006MSD    | 0.53               | 35             | NA | MP86174 | 21       |
| Q2405-01      | MH-M/H           | 0.58               | 35             | NA | N/A     | 22       |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : 062425\_7471

WorkList ID : 190345

Department : Digestion

Date : 06-24-2025 08:51:18

| Sample   | Customer Sample | Matrix | Test    | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|---------|--------------|----------|-----------------------------|--------------|--------|
| Q2392-01 | S-1             | Solid  | Mercury | Cool 4 deg C | EARTH03  | A41                         | 06/23/2025   | 7471B  |
| Q2393-01 | PARK AVE -1     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2393-03 | PARK AVE -2     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2393-05 | PARK AVE -3     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2393-07 | PARK AVE -4     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2393-09 | PARK AVE -5     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2393-11 | PARK AVE -6     | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2400-01 | B-156-SB01      | Solid  | Mercury | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | 7471B  |
| Q2400-02 | B-134-SB01      | Solid  | Mercury | Cool 4 deg C | PORT06   | A42                         | 06/23/2025   | 7471B  |
| Q2394-01 | MH-K/L          | Solid  | Mercury | Cool 4 deg C | PORT06   | A42                         | 06/23/2025   | 7471B  |
| Q2398-03 | M00-25-0179     | Solid  | Mercury | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | 7471B  |
| Q2398-06 | ARS20-0036      | Solid  | Mercury | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | 7471B  |
| Q2399-01 | TP-13           | Solid  | Mercury | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | 7471B  |
| Q2399-05 | EP-7            | Solid  | Mercury | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | 7471B  |
| Q2403-03 | LAW-25-0093     | Solid  | Mercury | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | 7471B  |
| Q2403-07 | ARS 20-0006     | Solid  | Mercury | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | 7471B  |
| Q2405-01 | MH-M/H          | Solid  | Mercury | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | 7471B  |

Date/Time 6/24/25 14:40  
 Raw Sample Received by: POB-174-UG  
 Raw Sample Relinquished by: POB-174-UG

Date/Time 6/24/25 11:30  
 Raw Sample Received by: POB-174-UG  
 Raw Sample Relinquished by: POB-174-UG

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:10  
In Date: 06/24/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:15  
Out Date: 06/25/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136243

| Lab ID   | Client SampleID | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments   |
|----------|-----------------|--------|----------------|--------------|-------------------------|---------------------------|---------|------------|
| Q2392-01 | S-1             | 1      | 1.15           | 10.05        | 11.2                    | 10.42                     | 92.2    |            |
| Q2392-02 | S-1A            | 2      | 1.18           | 10.49        | 11.67                   | 10.97                     | 93.3    |            |
| Q2393-01 | PARK AVE -1     | 3      | 1.17           | 10.34        | 11.51                   | 9.78                      | 83.3    |            |
| Q2393-02 | PARK AVE -1     | 4      | 1.15           | 10.07        | 11.22                   | 9.4                       | 81.9    |            |
| Q2393-03 | PARK AVE -2     | 5      | 1.13           | 10.85        | 11.98                   | 10.19                     | 83.5    |            |
| Q2393-04 | PARK AVE -2     | 6      | 1.19           | 10.26        | 11.45                   | 9.55                      | 81.5    |            |
| Q2393-05 | PARK AVE -3     | 7      | 1.12           | 10.25        | 11.37                   | 10.00                     | 86.6    |            |
| Q2393-06 | PARK AVE -3     | 8      | 1.15           | 10.84        | 11.99                   | 10.5                      | 86.3    |            |
| Q2393-07 | PARK AVE -4     | 9      | 1.16           | 10.70        | 11.86                   | 10.54                     | 87.7    |            |
| Q2393-08 | PARK AVE -4     | 10     | 1.19           | 9.86         | 11.05                   | 9.84                      | 87.7    |            |
| Q2393-09 | PARK AVE -5     | 11     | 1.15           | 10.84        | 11.99                   | 11.05                     | 91.3    |            |
| Q2393-10 | PARK AVE -5     | 12     | 1.15           | 9.95         | 11.1                    | 9.95                      | 88.4    |            |
| Q2393-11 | PARK AVE -6     | 13     | 1.19           | 10.23        | 11.42                   | 10.07                     | 86.8    |            |
| Q2393-12 | PARK AVE -6     | 14     | 1.17           | 10.52        | 11.69                   | 10.4                      | 87.7    |            |
| Q2394-01 | MH-K/L          | 15     | 1.18           | 10.49        | 11.67                   | 10.23                     | 86.3    |            |
| Q2394-02 | MH-K/L EPH      | 16     | 1.19           | 9.97         | 11.16                   | 9.58                      | 84.2    |            |
| Q2394-03 | MH-K/L VOC      | 17     | 1.13           | 10.86        | 11.99                   | 10.66                     | 87.8    |            |
| Q2394-04 | MH-K/L          | 18     | 1.18           | 10.49        | 11.67                   | 10.23                     | 86.3    |            |
| Q2396-01 | 245F53-1-1      | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-02 | 245F53-1-2      | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-03 | LAW-25-1A       | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-04 | LAW-25-1B       | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-05 | LAW-25-2A       | 23     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-06 | LAW-25-2B       | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-07 | LAW-25-3A       | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2396-08 | LAW-25-3B       | 26     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilc       |
| Q2398-01 | M00-25-0169     | 27     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample |
| Q2398-03 | M00-25-0179     | 28     | 1.19           | 10.07        | 11.26                   | 7.63                      | 64.0    |            |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:10  
In Date: 06/24/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:15  
Out Date: 06/25/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136243

| Lab ID   | Client SampleID | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments    |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|-------------|
| Q2398-04 | M00-25-0179-E2  | 29     | 1.19            | 10.25         | 11.44                    | 7.68                       | 63.3    |             |
| Q2398-06 | ARS20-0036      | 30     | 1.19            | 10.53         | 11.72                    | 10.47                      | 88.1    |             |
| Q2398-07 | ARS20-0036-E2   | 31     | 1.12            | 10.77         | 11.89                    | 10.9                       | 90.8    |             |
| Q2399-01 | TP-13           | 32     | 1.13            | 10.84         | 11.97                    | 10.27                      | 84.3    |             |
| Q2399-02 | TP-13-EPH       | 33     | 1.19            | 10.36         | 11.55                    | 9.96                       | 84.7    |             |
| Q2399-03 | TP-13-VOC       | 34     | 1.15            | 10.84         | 11.99                    | 10.36                      | 85.0    |             |
| Q2399-04 | TP-13           | 35     | 1.13            | 10.84         | 11.97                    | 10.27                      | 84.3    |             |
| Q2399-05 | EP-7            | 36     | 1.19            | 10.47         | 11.66                    | 10.37                      | 87.7    |             |
| Q2399-06 | EP-7-EPH        | 37     | 1.19            | 10.47         | 11.66                    | 10.33                      | 87.3    |             |
| Q2399-07 | EP-7-VOC        | 38     | 1.16            | 10.57         | 11.73                    | 10.38                      | 87.2    |             |
| Q2399-08 | EP-13           | 39     | 1.19            | 10.47         | 11.66                    | 10.37                      | 87.7    |             |
| Q2400-01 | B-156-SB01      | 40     | 1.17            | 10.58         | 11.75                    | 10.11                      | 84.5    |             |
| Q2400-02 | B-134-SB01      | 41     | 1.19            | 10.00         | 11.19                    | 9.49                       | 83.0    |             |
| Q2403-03 | LAW-25-0093     | 42     | 1.18            | 10.24         | 11.42                    | 10.54                      | 91.4    |             |
| Q2403-04 | LAW-25-0093-E2  | 43     | 1.18            | 10.14         | 11.32                    | 10.42                      | 91.1    |             |
| Q2403-05 | Concrete-062325 | 44     | 1.15            | 10.84         | 11.99                    | 11.71                      | 97.4    |             |
| Q2403-07 | ARS 20-006      | 45     | 1.19            | 10.44         | 11.63                    | 11.13                      | 95.2    |             |
| Q2403-08 | ARS020-0006-E2  | 46     | 1.18            | 10.64         | 11.82                    | 11.09                      | 93.1    |             |
| Q2405-01 | MH-M/H          | 47     | 1.19            | 10.11         | 11.3                     | 10.37                      | 90.8    |             |
| Q2405-02 | MH-M/N-EPH      | 48     | 1.19            | 10.01         | 11.2                     | 10.15                      | 89.5    |             |
| Q2405-03 | MH-M/N-VOC      | 49     | 1.11            | 10.71         | 11.82                    | 10.9                       | 91.4    |             |
| Q2406-01 | PUMPING-PLANT   | 50     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | oil sample  |
| Q2409-02 | COP-SOIL-PILE   | 51     | 1.18            | 10.58         | 11.76                    | 11.38                      | 96.4    |             |
| Q2410-01 | TRE-25-0021     | 52     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | debris      |
| Q2411-01 | TRE-2002        | 53     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   | wipe sample |
| Q2412-01 | TR-05-062425    | 54     | 1.18            | 10.08         | 11.26                    | 10.94                      | 96.8    |             |
| Q2412-02 | TR-05-062425-E2 | 55     | 1.16            | 10.28         | 11.44                    | 11.23                      | 98.0    |             |

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

# WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2392-01 | S-1             | Solid  | Percent Solids | Cool 4 deg C | EARTH03  | A41                         | 06/23/2025   | Chemtech -SO |
| Q2392-02 | S-1A            | Solid  | Percent Solids | Cool 4 deg C | EARTH03  | A41                         | 06/23/2025   | Chemtech -SO |
| Q2393-01 | PARK AVE -1     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-02 | PARK AVE -1     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-03 | PARK AVE -2     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-04 | PARK AVE -2     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-05 | PARK AVE -3     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-06 | PARK AVE -3     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-07 | PARK AVE -4     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-08 | PARK AVE -4     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-09 | PARK AVE -5     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-10 | PARK AVE -5     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-11 | PARK AVE -6     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2393-12 | PARK AVE -6     | Solid  | Percent Solids | Cool 4 deg C | UNIO02   | A22                         | 06/23/2025   | Chemtech -SO |
| Q2394-01 | MH-K/L          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | Chemtech -SO |
| Q2394-02 | MH-K/L EPH      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | Chemtech -SO |
| Q2394-03 | MH-K/L VOC      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | Chemtech -SO |
| Q2394-04 | MH-K/L          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A21                         | 06/23/2025   | Chemtech -SO |
| Q2396-01 | 245F53-1-1      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-02 | 245F53-1-2      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-03 | LAW-25-1A       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |

Date/Time 06/24/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2396-04 | LAW-25-1B       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-05 | LAW-25-2A       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-06 | LAW-25-2B       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-07 | LAW-25-3A       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2396-08 | LAW-25-3B       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/23/2025   | Chemtech -SO |
| Q2398-01 | M00-25-0169     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | Chemtech -SO |
| Q2398-03 | M00-25-0179     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | Chemtech -SO |
| Q2398-04 | M00-25-0179-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | Chemtech -SO |
| Q2398-06 | ARS20-0036      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | Chemtech -SO |
| Q2398-07 | ARS20-0036-E2   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A33                         | 06/23/2025   | Chemtech -SO |
| Q2399-01 | TP-13           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-02 | TP-13-EPH       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-03 | TP-13-VOC       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-04 | TP-13           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-05 | EP-7            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-06 | EP-7-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-07 | EP-7-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2399-08 | EP-13           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A41                         | 06/23/2025   | Chemtech -SO |
| Q2400-01 | B-156-SB01      | Solid  | Percent Solids | Cool 4 deg C | PORT06   | A42                         | 06/23/2025   | Chemtech -SO |
| Q2400-02 | B-134-SB01      | Solid  | Percent Solids | Cool 4 deg C | PORT06   | A42                         | 06/23/2025   | Chemtech -SO |
| Q2403-03 | LAW-25-0093     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | Chemtech -SO |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

# WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2403-04 | LAW-25-0093-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | Chemtech -SO |
| Q2403-05 | Concrete-062325 | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | Chemtech -SO |
| Q2403-07 | ARS 20-006      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | Chemtech -SO |
| Q2403-08 | ARS020-0006-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A32                         | 06/23/2025   | Chemtech -SO |
| Q2405-01 | MH-M/H          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2405-02 | MH-M/N-EPH      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2405-03 | MH-M/N-VOC      | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2406-01 | PUMPING-PLANT   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/23/2025   | Chemtech -SO |
| Q2409-02 | COP-SOIL-PILE   | Solid  | Percent Solids | Cool 4 deg C | COPP02   | D51                         | 06/24/2025   | Chemtech -SO |
| Q2410-01 | TRE-25-0021     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2411-01 | TRE-2002        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2412-01 | TR-05-062425    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2412-02 | TR-05-062425-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/24/2025   | Chemtech -SO |

Date/Time 06/24/25 15:10  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25 17:20  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136273**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/26/2025 11:24:19 AM |
| Supervise By     | jaswal                                          | Supervise On | 6/26/2025 3:29:22 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   | 06/25/25 12:23 |                                        | Jaswal   | OK     |
| 2   | S1          | S1       | CAL2   | 06/25/25 12:27 |                                        | Jaswal   | OK     |
| 3   | S2          | S2       | CAL3   | 06/25/25 12:32 |                                        | Jaswal   | OK     |
| 4   | S3          | S3       | CAL4   | 06/25/25 12:36 |                                        | Jaswal   | OK     |
| 5   | S4          | S4       | CAL5   | 06/25/25 12:40 |                                        | Jaswal   | OK     |
| 6   | S5          | S5       | CAL6   | 06/25/25 12:44 |                                        | Jaswal   | OK     |
| 7   | ICV01       | ICV01    | ICV    | 06/25/25 13:08 | ICV fail for Sb,Cu (200.7)<br>(95-105) | Jaswal   | OK     |
| 8   | LLICV01     | LLICV01  | LLICV  | 06/25/25 13:20 |                                        | Jaswal   | OK     |
| 9   | ICB01       | ICB01    | ICB    | 06/25/25 14:53 |                                        | Jaswal   | OK     |
| 10  | CRI01       | CRI01    | CRDL   | 06/25/25 15:24 |                                        | Jaswal   | OK     |
| 11  | ICSA01      | ICSA01   | ICSA   | 06/25/25 15:29 |                                        | Jaswal   | OK     |
| 12  | ICSAB01     | ICSAB01  | ICSAB  | 06/25/25 15:51 |                                        | Jaswal   | OK     |
| 13  | ICSADL      | ICSADL   | ICSA   | 06/25/25 15:55 |                                        | Jaswal   | OK     |
| 14  | ICSABDL     | ICSABDL  | ICSAB  | 06/25/25 15:59 |                                        | Jaswal   | OK     |
| 15  | CCV01       | CCV01    | CCV    | 06/25/25 16:04 |                                        | Jaswal   | OK     |
| 16  | CCB01       | CCB01    | CCB    | 06/25/25 16:09 |                                        | Jaswal   | OK     |
| 17  | Q2385-01    | A5311    | SAM    | 06/25/25 16:13 |                                        | Jaswal   | OK     |
| 18  | Q2385-01DUP | A5311DUP | DUP    | 06/25/25 16:17 |                                        | Jaswal   | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136273**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/26/2025 11:24:19 AM |
| Supervise By     | jaswal                                          | Supervise On | 6/26/2025 3:29:22 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 | Q2385-01L   | A5311L       | SD  | 06/25/25 16:22 |                       | Jaswal | OK       |
| 20 | Q2385-01MS  | A5311MS      | MS  | 06/25/25 16:26 |                       | Jaswal | OK       |
| 21 | Q2385-01MSD | A5311MSD     | MSD | 06/25/25 16:31 |                       | Jaswal | OK       |
| 22 | Q2385-01A   | A5311A       | PS  | 06/25/25 16:35 |                       | Jaswal | OK       |
| 23 | Q2354-05DL  | 3311DL       | SAM | 06/25/25 16:39 | 5X for K              | Jaswal | Confirms |
| 24 | Q2355-02    | 3897         | SAM | 06/25/25 16:44 |                       | Jaswal | OK       |
| 25 | Q2362-04    | TP-11        | SAM | 06/25/25 16:48 |                       | Jaswal | OK       |
| 26 | Q2364-04DL  | GAV2BDL      | SAM | 06/25/25 16:53 | 5X for Zn, Still high | Jaswal | Dilution |
| 27 | CCV02       | CCV02        | CCV | 06/25/25 16:57 |                       | Jaswal | OK       |
| 28 | CCB02       | CCB02        | CCB | 06/25/25 17:09 |                       | Jaswal | OK       |
| 29 | Q2364-04DL2 | GAV2BDL2     | SAM | 06/25/25 17:15 | 10X for Zn            | Jaswal | Confirms |
| 30 | Q2380-03DL  | VNJ-211DL    | SAM | 06/25/25 17:24 | 5X for Na             | Jaswal | Confirms |
| 31 | Q2380-05DL  | RBR-200059DL | SAM | 06/25/25 17:28 | 5X for Na             | Jaswal | Confirms |
| 32 | Q2381-01    | 291431       | SAM | 06/25/25 17:33 |                       | Jaswal | Not Ok   |
| 33 | Q2381-01DUP | 291431DUP    | DUP | 06/25/25 17:37 | Na oversaturated      | Jaswal | Not Ok   |
| 34 | Q2381-01L   | 291431L      | SD  | 06/25/25 17:41 | Bad Injection         | Jaswal | Not Ok   |
| 35 | Q2381-01MS  | 291431MS     | MS  | 06/25/25 17:46 | Bad Injection         | Jaswal | Not Ok   |
| 36 | Q2381-01MSD | 291431MSD    | MSD | 06/25/25 17:50 |                       | Jaswal | Not Ok   |
| 37 | Q2381-01A   | 291431A      | PS  | 06/25/25 17:55 | Bad Injection         | Jaswal | Not Ok   |
| 38 | CCV03       | CCV03        | CCV | 06/25/25 18:00 |                       | Jaswal | OK       |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136273**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/26/2025 11:24:19 AM |
| Supervise By     | jaswal                                          | Supervise On | 6/26/2025 3:29:22 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 | CCB03         | CCB03             | CCB | 06/25/25 18:07 |               | Jaswal | OK     |
| 40 | Q2367-04      | EP-4              | SAM | 06/25/25 18:12 |               | Jaswal | OK     |
| 41 | Q2386-02      | SU-1-062025       | SAM | 06/25/25 18:16 |               | Jaswal | OK     |
| 42 | Q2392-01      | S-1               | SAM | 06/25/25 18:21 |               | Jaswal | OK     |
| 43 | Q2381-01DL    | 291431DL          | SAM | 06/25/25 18:29 | Not use       | Jaswal | Not Ok |
| 44 | Q2381-01DUPDL | 291431DUPDL       | DUP | 06/25/25 18:34 | Not use       | Jaswal | Not Ok |
| 45 | Q2381-01LDL   | 291431LDL         | SD  | 06/25/25 18:38 | Not use       | Jaswal | Not Ok |
| 46 | Q2381-01MSDL  | 291431MSDL        | MS  | 06/25/25 18:42 | Not use       | Jaswal | Not Ok |
| 47 | Q2381-01MSDDL | 291431MSDDL       | MSD | 06/25/25 18:47 | Not use       | Jaswal | Not Ok |
| 48 | Q2381-01ADL   | 291431ADL         | PS  | 06/25/25 18:51 | Not use       | Jaswal | Not Ok |
| 49 | CCV04         | CCV04             | CCV | 06/25/25 18:55 |               | Jaswal | OK     |
| 50 | CCB04         | CCB04             | CCB | 06/25/25 18:59 |               | Jaswal | OK     |
| 51 | Q2426-01      | 001-WILLETS-PT-BL | SAM | 06/25/25 19:04 |               | Jaswal | OK     |
| 52 | Q2426-02      | 002-35th-Ave(May) | SAM | 06/25/25 19:09 |               | Jaswal | OK     |
| 53 | Q2388-04      | TP-12             | SAM | 06/25/25 19:13 |               | Jaswal | OK     |
| 54 | Q2389-04      | MH-J-I            | SAM | 06/25/25 19:18 | Bad Injection | Jaswal | Not Ok |
| 55 | Q2391-01      | AUD-1623          | SAM | 06/25/25 19:22 |               | Jaswal | OK     |
| 56 | Q2394-04      | MH-K/L            | SAM | 06/25/25 19:29 | Bad Injection | Jaswal | Not Ok |
| 57 | Q2399-04      | TP-13             | SAM | 06/25/25 19:34 |               | Jaswal | OK     |
| 58 | Q2399-08      | EP-7              | SAM | 06/25/25 19:39 |               | Jaswal | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136273**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/26/2025 11:24:19 AM |
| Supervise By     | jaswal                                          | Supervise On | 6/26/2025 3:29:22 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 | Q2405-04       | MH-M/N           | SAM | 06/25/25 19:43 |                 | Jaswal | OK     |
| 60 | PB168571TB     | PB168571TB       | MB  | 06/25/25 19:48 |                 | Jaswal | OK     |
| 61 | CCV05          | CCV05            | CCV | 06/25/25 19:52 |                 | Jaswal | OK     |
| 62 | CCB05          | CCB05            | CCB | 06/25/25 19:57 |                 | Jaswal | OK     |
| 63 | PB168613BL     | PB168613BL       | MB  | 06/25/25 20:01 | CCB fail for Cr | Jaswal | Not Ok |
| 64 | PB168613BS     | PB168613BS       | LCS | 06/25/25 20:06 | CCB fail for Cr | Jaswal | Not Ok |
| 65 | Q2409-02       | COP-SOIL-PILE    | SAM | 06/25/25 20:10 | CCB fail for Cr | Jaswal | Not Ok |
| 66 | Q2409-02DUP    | COP-SOIL-PILEDUP | DUP | 06/25/25 20:14 | CCB fail for Cr | Jaswal | Not Ok |
| 67 | Q2409-02L      | COP-SOIL-PILEL   | SD  | 06/25/25 20:19 | CCB fail for Cr | Jaswal | Not Ok |
| 68 | Q2409-02MS     | COP-SOIL-PILEMS  | MS  | 06/25/25 20:23 | CCB fail for Cr | Jaswal | Not Ok |
| 69 | Q2409-02MSD    | COP-SOIL-PILEMSD | MSD | 06/25/25 20:28 | CCB fail for Cr | Jaswal | Not Ok |
| 70 | Q2409-02A      | COP-SOIL-PILEA   | PS  | 06/25/25 20:32 | CCB fail for Cr | Jaswal | Not Ok |
| 71 | Q2381-01DL2    | 291431DL2        | SAM | 06/25/25 20:37 | CCB fail for Cr | Jaswal | Not Ok |
| 72 | Q2381-01DUPDL2 | 291431DUPDL2     | DUP | 06/25/25 20:41 | CCB fail for Cr | Jaswal | Not Ok |
| 73 | CCV06          | CCV06            | CCV | 06/25/25 20:46 |                 | Jaswal | OK     |
| 74 | CCB06          | CCB06            | CCB | 06/25/25 20:50 | Fail for Cr     | Jaswal | OK     |
| 75 | Q2381-01LDL2   | 291431LDL2       | SD  | 06/25/25 20:54 | CCB fail for Cr | Jaswal | Not Ok |
| 76 | Q2381-01MSDL2  | 291431MSDL2      | MS  | 06/25/25 20:59 | CCB fail for Cr | Jaswal | Not Ok |
| 77 | Q2381-01MSDDL2 | 291431MSDDL2     | MSD | 06/25/25 21:03 | CCB fail for Cr | Jaswal | Not Ok |
| 78 | Q2381-01ADL2   | 291431ADL2       | PS  | 06/25/25 21:07 | CCB fail for Cr | Jaswal | Not Ok |

**Instrument ID:** P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136273**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | Janvi  | Review On    | 6/26/2025 11:24:19 AM |
| Supervise By | jaswal | Supervise On | 6/26/2025 3:29:22 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| 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                                 |

|    |       |       |     |                |  |        |    |
|----|-------|-------|-----|----------------|--|--------|----|
| 79 | CCV07 | CCV07 | CCV | 06/25/25 21:12 |  | Jaswal | OK |
| 80 | CCB07 | CCB07 | CCB | 06/25/25 21:16 |  | Jaswal | OK |

**Instrument ID:** P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136319**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By     |                                                 | Supervise On |                       |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                       |
| ICV Standard     | MP86213                                         |              |                       |
| CCV Standard     | MP86216                                         |              |                       |
| ICSA Standard    | MP86214,MP86215                                 |              |                       |
| CRI Standard     | MP86212                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP86217,MP86218                                 |              |                       |

| Sr# | SampleId   | ClientID   | QcType | Date           | Comment                                   | Operator | Status |
|-----|------------|------------|--------|----------------|-------------------------------------------|----------|--------|
| 1   | S0         | S0         | CAL1   | 06/27/25 11:11 |                                           | Janvi    | OK     |
| 2   | S1         | S1         | CAL2   | 06/27/25 11:16 |                                           | Janvi    | OK     |
| 3   | S2         | S2         | CAL3   | 06/27/25 11:20 |                                           | Janvi    | OK     |
| 4   | S3         | S3         | CAL4   | 06/27/25 11:24 |                                           | Janvi    | OK     |
| 5   | S4         | S4         | CAL5   | 06/27/25 11:29 |                                           | Janvi    | OK     |
| 6   | S5         | S5         | CAL6   | 06/27/25 11:33 |                                           | Janvi    | OK     |
| 7   | ICV01      | ICV01      | ICV    | 06/27/25 11:45 | ICV fail for Sb,Cr,Ag<br>(200.7) (95-105) | Janvi    | OK     |
| 8   | LLICV01    | LLICV01    | LLICV  | 06/27/25 12:03 |                                           | Janvi    | OK     |
| 9   | ICB01      | ICB01      | ICB    | 06/27/25 12:54 |                                           | Janvi    | OK     |
| 10  | CRI01      | CRI01      | CRDL   | 06/27/25 12:58 |                                           | Janvi    | OK     |
| 11  | ICSA01     | ICSA01     | ICSA   | 06/27/25 13:04 |                                           | Janvi    | OK     |
| 12  | ICSAB01    | ICSAB01    | ICSAB  | 06/27/25 13:09 |                                           | Janvi    | OK     |
| 13  | ICSADL     | ICSADL     | ICSA   | 06/27/25 13:14 |                                           | Janvi    | OK     |
| 14  | ICSABDL    | ICSABDL    | ICSAB  | 06/27/25 13:18 |                                           | Janvi    | OK     |
| 15  | CCV01      | CCV01      | CCV    | 06/27/25 13:22 |                                           | Janvi    | OK     |
| 16  | CCB01      | CCB01      | CCB    | 06/27/25 13:31 |                                           | Janvi    | OK     |
| 17  | PB168612BL | PB168612BL | MB     | 06/27/25 13:36 |                                           | Janvi    | OK     |
| 18  | PB168612BS | PB168612BS | LCS    | 06/27/25 13:40 |                                           | Janvi    | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136319**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By     |                                                 | Supervise On |                       |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                       |
| ICV Standard     | MP86213                                         |              |                       |
| CCV Standard     | MP86216                                         |              |                       |
| ICSA Standard    | MP86214,MP86215                                 |              |                       |
| CRI Standard     | MP86212                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP86217,MP86218                                 |              |                       |

|    |             |                   |     |                |  |       |    |
|----|-------------|-------------------|-----|----------------|--|-------|----|
| 19 | Q2403-03    | LAW-25-0093       | SAM | 06/27/25 13:45 |  | Janvi | OK |
| 20 | Q2403-05    | Concrete-062325   | SAM | 06/27/25 13:49 |  | Janvi | OK |
| 21 | Q2403-07    | ARS 20-0006       | SAM | 06/27/25 13:54 |  | Janvi | OK |
| 22 | Q2403-07DUP | ARS 20-0006DUP    | DUP | 06/27/25 13:58 |  | Janvi | OK |
| 23 | Q2403-07L   | ARS 20-0006L      | SD  | 06/27/25 14:02 |  | Janvi | OK |
| 24 | Q2403-07MS  | ARS 20-0006MS     | MS  | 06/27/25 14:07 |  | Janvi | OK |
| 25 | Q2403-07MSD | ARS 20-0006MSD    | MSD | 06/27/25 14:11 |  | Janvi | OK |
| 26 | Q2403-07A   | ARS 20-0006A      | PS  | 06/27/25 14:15 |  | Janvi | OK |
| 27 | CCV02       | CCV02             | CCV | 06/27/25 14:19 |  | Janvi | OK |
| 28 | CCB02       | CCB02             | CCB | 06/27/25 14:24 |  | Janvi | OK |
| 29 | Q2405-01    | MH-M/H            | SAM | 06/27/25 14:28 |  | Janvi | OK |
| 30 | Q2404-01    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 14:32 |  | Janvi | OK |
| 31 | Q2404-02    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 14:37 |  | Janvi | OK |
| 32 | Q2404-03    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 14:41 |  | Janvi | OK |
| 33 | Q2404-04    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 14:46 |  | Janvi | OK |
| 34 | Q2404-05    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 14:50 |  | Janvi | OK |
| 35 | Q2404-06    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 14:54 |  | Janvi | OK |
| 36 | Q2404-07    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 14:59 |  | Janvi | OK |
| 37 | Q2404-08    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 15:03 |  | Janvi | OK |
| 38 | Q2404-09    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 15:07 |  | Janvi | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136319**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By     |                                                 | Supervise On |                       |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                       |
| ICV Standard     | MP86213                                         |              |                       |
| CCV Standard     | MP86216                                         |              |                       |
| ICSA Standard    | MP86214,MP86215                                 |              |                       |
| CRI Standard     | MP86212                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP86217,MP86218                                 |              |                       |

|    |             |                   |     |                |                    |       |        |
|----|-------------|-------------------|-----|----------------|--------------------|-------|--------|
| 39 | CCV03       | CCV03             | CCV | 06/27/25 15:12 |                    | Janvi | OK     |
| 40 | CCB03       | CCB03             | CCB | 06/27/25 15:16 |                    | Janvi | OK     |
| 41 | Q2404-10    | 1ST-FL-HALLWAY-BA | SAM | 06/27/25 15:21 |                    | Janvi | OK     |
| 42 | Q2404-11    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 15:25 |                    | Janvi | OK     |
| 43 | Q2404-12    | 1ST-FL-CHILD-CARE | SAM | 06/27/25 15:29 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 44 | Q2404-12DUP | 1ST-FL-CHILD-CARE | DUP | 06/27/25 15:34 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 45 | Q2404-12L   | 1ST-FL-CHILD-CARE | SD  | 06/27/25 15:38 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 46 | Q2404-12MS  | 1ST-FL-CHILD-CARE | MS  | 06/27/25 15:42 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 47 | Q2404-12MSD | 1ST-FL-CHILD-CARE | MSD | 06/27/25 15:47 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 48 | Q2404-12A   | 1ST-FL-CHILD-CARE | PS  | 06/27/25 15:51 | ICV fail for Cr,Ag | Janvi | Not Ok |
| 49 | PB168598BL  | PB168598BL        | MB  | 06/27/25 15:55 |                    | Janvi | OK     |
| 50 | PB168598BS  | PB168598BS        | LCS | 06/27/25 16:00 |                    | Janvi | OK     |
| 51 | CCV04       | CCV04             | CCV | 06/27/25 16:04 |                    | Janvi | OK     |
| 52 | CCB04       | CCB04             | CCB | 06/27/25 16:09 |                    | Janvi | OK     |
| 53 | Q2393-01    | PARK AVE -1       | SAM | 06/27/25 16:13 |                    | Janvi | OK     |
| 54 | Q2393-03    | PARK AVE -2       | SAM | 06/27/25 16:17 |                    | Janvi | OK     |
| 55 | Q2393-05    | PARK AVE -3       | SAM | 06/27/25 16:22 |                    | Janvi | OK     |
| 56 | Q2393-07    | PARK AVE -4       | SAM | 06/27/25 16:26 |                    | Janvi | OK     |
| 57 | Q2393-09    | PARK AVE -5       | SAM | 06/27/25 16:30 |                    | Janvi | OK     |
| 58 | Q2393-11    | PARK AVE -6       | SAM | 06/27/25 16:35 |                    | Janvi | OK     |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136319**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By     |                                                 | Supervise On |                       |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                       |
| ICV Standard     | MP86213                                         |              |                       |
| CCV Standard     | MP86216                                         |              |                       |
| ICSA Standard    | MP86214,MP86215                                 |              |                       |
| CRI Standard     | MP86212                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP86217,MP86218                                 |              |                       |

|    |             |                   |     |                |                        |       |    |
|----|-------------|-------------------|-----|----------------|------------------------|-------|----|
| 59 | Q2393-11DUP | PARK AVE -6DUP    | DUP | 06/27/25 16:39 |                        | Janvi | OK |
| 60 | Q2393-11L   | PARK AVE -6L      | SD  | 06/27/25 16:43 |                        | Janvi | OK |
| 61 | Q2393-11MS  | PARK AVE -6MS     | MS  | 06/27/25 16:48 |                        | Janvi | OK |
| 62 | Q2393-11MSD | PARK AVE -6MSD    | MSD | 06/27/25 16:52 |                        | Janvi | OK |
| 63 | CCV05       | CCV05             | CCV | 06/27/25 16:56 |                        | Janvi | OK |
| 64 | CCB05       | CCB05             | CCB | 06/27/25 17:01 |                        | Janvi | OK |
| 65 | Q2393-11A   | PARK AVE -6A      | PS  | 06/27/25 17:05 |                        | Janvi | OK |
| 66 | Q2394-01    | MH-K/L            | SAM | 06/27/25 17:09 |                        | Janvi | OK |
| 67 | Q2398-03    | M00-25-0179       | SAM | 06/27/25 17:14 |                        | Janvi | OK |
| 68 | Q2398-06    | ARS20-0036        | SAM | 06/27/25 17:18 |                        | Janvi | OK |
| 69 | Q2399-01    | TP-13             | SAM | 06/27/25 17:22 |                        | Janvi | OK |
| 70 | Q2399-05    | EP-7              | SAM | 06/27/25 17:27 |                        | Janvi | OK |
| 71 | Q2400-01    | B-156-SB01        | SAM | 06/27/25 17:31 |                        | Janvi | OK |
| 72 | Q2400-02    | B-134-SB01        | SAM | 06/27/25 17:36 |                        | Janvi | OK |
| 73 | Q2403-05DL  | Concrete-062325DL | SAM | 06/27/25 17:40 | Report 5X for straight | Janvi | OK |
| 74 | PB168628BL  | PB168628BL        | MB  | 06/27/25 17:45 |                        | Janvi | OK |
| 75 | CCV06       | CCV06             | CCV | 06/27/25 17:49 |                        | Janvi | OK |
| 76 | CCB06       | CCB06             | CCB | 06/27/25 17:53 |                        | Janvi | OK |
| 77 | PB168628BS  | PB168628BS        | LCS | 06/27/25 17:58 |                        | Janvi | OK |
| 78 | Q2414-01    | WC-1              | SAM | 06/27/25 18:02 |                        | Janvi | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136319**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | Janvi                                           | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By     |                                                 | Supervise On |                       |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |              |                       |
| ICV Standard     | MP86213                                         |              |                       |
| CCV Standard     | MP86216                                         |              |                       |
| ICSA Standard    | MP86214,MP86215                                 |              |                       |
| CRI Standard     | MP86212                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP86217,MP86218                                 |              |                       |

|    |             |           |     |                |  |       |    |
|----|-------------|-----------|-----|----------------|--|-------|----|
| 79 | Q2415-01    | WC-1      | SAM | 06/27/25 18:06 |  | Janvi | OK |
| 80 | Q2416-01    | MH-G/H    | SAM | 06/27/25 18:11 |  | Janvi | OK |
| 81 | Q2420-01    | 72-11933  | SAM | 06/27/25 18:15 |  | Janvi | OK |
| 82 | Q2425-01    | COMP-1    | SAM | 06/27/25 18:19 |  | Janvi | OK |
| 83 | Q2425-02    | COMP-2    | SAM | 06/27/25 18:24 |  | Janvi | OK |
| 84 | Q2413-01    | TP-35     | SAM | 06/27/25 18:28 |  | Janvi | OK |
| 85 | Q2413-02    | TP-34     | SAM | 06/27/25 18:33 |  | Janvi | OK |
| 86 | Q2413-03    | TP-77     | SAM | 06/27/25 18:37 |  | Janvi | OK |
| 87 | CCV07       | CCV07     | CCV | 06/27/25 18:41 |  | Janvi | OK |
| 88 | CCB07       | CCB07     | CCB | 06/27/25 18:46 |  | Janvi | OK |
| 89 | Q2413-04    | TP-74     | SAM | 06/27/25 18:50 |  | Janvi | OK |
| 90 | Q2413-05    | TP-73     | SAM | 06/27/25 18:54 |  | Janvi | OK |
| 91 | Q2413-06    | TP-72     | SAM | 06/27/25 18:59 |  | Janvi | OK |
| 92 | Q2425-03    | COMP-3    | SAM | 06/27/25 19:03 |  | Janvi | OK |
| 93 | Q2425-03DUP | COMP-3DUP | DUP | 06/27/25 19:08 |  | Janvi | OK |
| 94 | Q2425-03L   | COMP-3L   | SD  | 06/27/25 19:12 |  | Janvi | OK |
| 95 | Q2425-03MS  | COMP-3MS  | MS  | 06/27/25 19:16 |  | Janvi | OK |
| 96 | Q2425-03MSD | COMP-3MSD | MSD | 06/27/25 19:20 |  | Janvi | OK |
| 97 | Q2425-03A   | COMP-3A   | PS  | 06/27/25 19:25 |  | Janvi | OK |
| 98 | CCV08       | CCV08     | CCV | 06/27/25 19:29 |  | Janvi | OK |

Instrument ID: P5

**Daily Analysis Runlog For Sequence/QCBatch ID # LB136319**

|              |       |              |                       |
|--------------|-------|--------------|-----------------------|
| Review By    | Janvi | Review On    | 6/30/2025 11:42:29 AM |
| Supervise By |       | Supervise On |                       |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP86192,MP86193,MP86194,MP86195,MP86196,MP86212 |
| ICV Standard  | MP86213                                         |
| CCV Standard  | MP86216                                         |
| ICSA Standard | MP86214,MP86215                                 |
| CRI Standard  | MP86212                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP86217,MP86218                                 |

|    |       |       |     |                |  |       |    |
|----|-------|-------|-----|----------------|--|-------|----|
| 99 | CCB08 | CCB08 | CCB | 06/27/25 19:33 |  | Janvi | OK |
|----|-------|-------|-----|----------------|--|-------|----|

**Instrument ID:** CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136362**

|              |        |              |                      |
|--------------|--------|--------------|----------------------|
| Review By    | jaswal | Review On    | 6/26/2025 3:59:15 PM |
| Supervise By | MOHAN  | Supervise On | 6/26/2025 4:06:37 PM |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP86175,MP86177,MP86178,MP86179,MP86180,MP86181 |
| ICV Standard  | MP86182                                         |
| CCV Standard  | MP861                                           |
| ICSA Standard |                                                 |
| CRI Standard  | MP86186                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP86183,MP86185,MP86187,mp86191                 |

| Sr# | SampleId   | ClientID    | QcType   | Date           | Comment | Operator | Status |
|-----|------------|-------------|----------|----------------|---------|----------|--------|
| 1   | S0         | S0          | CAL1     | 06/26/25 09:50 |         | MOHAN    | OK     |
| 2   | S0.2       | S0.2        | CAL2     | 06/26/25 09:52 |         | MOHAN    | OK     |
| 3   | S2.5       | S2.5        | CAL3     | 06/26/25 09:55 |         | MOHAN    | OK     |
| 4   | S5         | S5          | CAL4     | 06/26/25 09:57 |         | MOHAN    | OK     |
| 5   | S7.5       | S7.5        | CAL5     | 06/26/25 09:59 |         | MOHAN    | OK     |
| 6   | S10        | S10         | CAL6     | 06/26/25 10:01 |         | MOHAN    | OK     |
| 7   | ICV06      | ICV06       | ICV      | 06/26/25 10:05 |         | MOHAN    | OK     |
| 8   | ICB06      | ICB06       | ICB      | 06/26/25 10:07 |         | MOHAN    | OK     |
| 9   | CCV16      | CCV16       | CCV      | 06/26/25 10:09 |         | MOHAN    | OK     |
| 10  | CCB16      | CCB16       | CCB      | 06/26/25 10:11 |         | MOHAN    | OK     |
| 11  | CRA        | CRA         | CRDL     | 06/26/25 10:14 |         | MOHAN    | OK     |
| 12  | HighStd    | HighStd     | HIGH STD | 06/26/25 10:16 |         | MOHAN    | OK     |
| 13  | ChkStd     | ChkStd      | SAM      | 06/26/25 10:18 |         | MOHAN    | OK     |
| 14  | PB168616BL | PB168616BL  | MB       | 06/26/25 10:21 |         | MOHAN    | OK     |
| 15  | PB168616BS | PB168616BS  | LCS      | 06/26/25 10:23 |         | MOHAN    | OK     |
| 16  | Q2392-01   | S-1         | SAM      | 06/26/25 10:25 |         | MOHAN    | OK     |
| 17  | Q2393-01   | PARK AVE -1 | SAM      | 06/26/25 10:28 |         | MOHAN    | OK     |
| 18  | Q2393-03   | PARK AVE -2 | SAM      | 06/26/25 10:30 |         | MOHAN    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136362**

|                  |                                                 |              |                      |
|------------------|-------------------------------------------------|--------------|----------------------|
| Review By        | jaswal                                          | Review On    | 6/26/2025 3:59:15 PM |
| Supervise By     | MOHAN                                           | Supervise On | 6/26/2025 4:06:37 PM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                      |
| ICAL Standard    | MP86175,MP86177,MP86178,MP86179,MP86180,MP86181 |              |                      |
| ICV Standard     | MP86182                                         |              |                      |
| CCV Standard     | MP861                                           |              |                      |
| ICSA Standard    |                                                 |              |                      |
| CRI Standard     | MP86186                                         |              |                      |
| LCS Standard     |                                                 |              |                      |
| Chk Standard     | MP86183,MP86185,MP86187,mp86191                 |              |                      |

|    |             |                |     |                |  |       |    |
|----|-------------|----------------|-----|----------------|--|-------|----|
| 19 | Q2393-05    | PARK AVE -3    | SAM | 06/26/25 10:32 |  | MOHAN | OK |
| 20 | Q2393-07    | PARK AVE -4    | SAM | 06/26/25 10:34 |  | MOHAN | OK |
| 21 | CCV17       | CCV17          | CCV | 06/26/25 10:37 |  | MOHAN | OK |
| 22 | CCB17       | CCB17          | CCB | 06/26/25 10:39 |  | MOHAN | OK |
| 23 | Q2393-09    | PARK AVE -5    | SAM | 06/26/25 10:41 |  | MOHAN | OK |
| 24 | Q2393-11    | PARK AVE -6    | SAM | 06/26/25 10:44 |  | MOHAN | OK |
| 25 | Q2394-01    | MH-K/L         | SAM | 06/26/25 10:46 |  | MOHAN | OK |
| 26 | Q2398-03    | M00-25-0179    | SAM | 06/26/25 10:48 |  | MOHAN | OK |
| 27 | Q2398-06    | ARS20-0036     | SAM | 06/26/25 10:50 |  | MOHAN | OK |
| 28 | Q2399-01    | TP-13          | SAM | 06/26/25 10:53 |  | MOHAN | OK |
| 29 | Q2399-05    | EP-7           | SAM | 06/26/25 10:55 |  | MOHAN | OK |
| 30 | Q2400-01    | B-156-SB01     | SAM | 06/26/25 10:57 |  | MOHAN | OK |
| 31 | Q2400-02    | B-134-SB01     | SAM | 06/26/25 11:00 |  | MOHAN | OK |
| 32 | Q2403-03    | LAW-25-0093    | SAM | 06/26/25 11:02 |  | MOHAN | OK |
| 33 | CCV18       | CCV18          | CCV | 06/26/25 11:07 |  | MOHAN | OK |
| 34 | CCB18       | CCB18          | CCB | 06/26/25 11:09 |  | MOHAN | OK |
| 35 | Q2403-07    | ARS 20-0006    | SAM | 06/26/25 11:11 |  | MOHAN | OK |
| 36 | Q2403-07DUP | ARS 20-0006DUP | DUP | 06/26/25 11:14 |  | MOHAN | OK |
| 37 | Q2403-07MS  | ARS 20-0006MS  | MS  | 06/26/25 11:16 |  | MOHAN | OK |
| 38 | Q2403-07MSD | ARS 20-0006MSD | MSD | 06/26/25 11:18 |  | MOHAN | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB136362**

| Review By     | jaswal                                          | Review On    | 6/26/2025 3:59:15 PM |
|---------------|-------------------------------------------------|--------------|----------------------|
| Supervise By  | MOHAN                                           | Supervise On | 6/26/2025 4:06:37 PM |
| STD. NAME     | STD REF.#                                       |              |                      |
| ICAL Standard | MP86175,MP86177,MP86178,MP86179,MP86180,MP86181 |              |                      |
| ICV Standard  | MP86182                                         |              |                      |
| CCV Standard  | MP861                                           |              |                      |
| ICSA Standard |                                                 |              |                      |
| CRI Standard  | MP86186                                         |              |                      |
| LCS Standard  |                                                 |              |                      |
| Chk Standard  | MP86183,MP86185,MP86187,mp86191                 |              |                      |

|    |           |              |     |                |  |       |    |
|----|-----------|--------------|-----|----------------|--|-------|----|
| 39 | Q2405-01  | MH-M/H       | SAM | 06/26/25 11:20 |  | MOHAN | OK |
| 40 | Q2403-07L | ARS 20-0006L | SD  | 06/26/25 11:23 |  | MOHAN | OK |
| 41 | Q2403-07A | ARS 20-0006A | PS  | 06/26/25 11:25 |  | MOHAN | OK |
| 42 | CCV19     | CCV19        | CCV | 06/26/25 11:27 |  | MOHAN | OK |
| 43 | CCB19     | CCB19        | CCB | 06/26/25 11:30 |  | MOHAN | OK |



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Earth Engineering

ADDRESS: 4103 Commerce Ln

CITY West Berlin STATE: NJ ZIP:

ATTENTION: Frank Dougherty

PHONE: 856-768-1001 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Thomas McGovern

PROJECT NO.: LOCATION: NJ

PROJECT MANAGER: Frank Dougherty

e-mail: frankd@earthengineering.com

PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SciAne PO#:

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 3 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

TCE/PAH  
VO PORTION of  
EPH

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH  
B-HNO3 E-ICE  
C-H2SO4 F-OTHER

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES |   |   |   |   |   |   |   |   |   |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---|---|---|---|---|---|---|---|---|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 1.                       | S-1                              | S-1              | X              | X    | 6/23/98              | 7:45 | 2            | X |   | X |   |   |   |   |   |   |  |
| 2.                       | S-1A                             | 1                | X              | X    | 6/23/98              | 7:25 | 1            |   | X |   |   |   |   |   |   |   |  |
| 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:<br>1. <u>[Signature]</u> | DATE/TIME: <u>6/23/98 9:18</u> | RECEIVED BY:<br>1. <u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.2</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>[Signature]</u> | DATE/TIME:                     | RECEIVED BY:<br>2. <u>[Signature]</u> | Comments: <u>IF G-1</u>                                                                                                                                                   |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME:                     | RECEIVED BY:<br>3. <u>[Signature]</u> |                                                                                                                                                                           |

Page \_\_\_\_ of \_\_\_\_

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       |

## LOGIN REPORT/SAMPLE TRANSFER

|                                                |                |                                                |                                   |
|------------------------------------------------|----------------|------------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q2392                        | <b>EARTH03</b> | <b>Order Date :</b> 6/23/2025 10:03:33 AM      | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Earth Engineering Inc.    |                | <b>Project Name :</b> Thomas McGovern          | <b>Report Type :</b> Results Only |
| <b>Client Contact :</b> Frank Dougherty, LSRP  |                | <b>Receive DateTime :</b> 6/23/2025 9:18:00 AM | <b>EDD Type :</b> HAZ/EXCEL       |
| <b>Invoice Name :</b> Earth Engineering Inc.   |                | <b>Purchase Order :</b>                        | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Frank Dougherty, LSRP |                |                                                | <b>Date Signoff :</b>             |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES   |
|----------|-----------|--------|-------------|-------------|---------------|------------|--------|----------|-------------|
| Q2392-02 | S-1A      | Solid  | 06/23/2025  | 07:25       | VOC-TCLVOA-10 | TCL+30/TAL | 8260D  |          | 3 Bus. Days |

Relinquished By :

Date / Time : 6/23/25 1145

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room