

## Cover Page

**Order ID :** Q1609

**Project ID :** 540 Degraw St, Brooklyn, NY - E9309

**Client :** ENTACT

**Lab Sample Number**

Q1609-01  
Q1609-02  
Q1609-03  
Q1609-04

**Client Sample Number**

WC-SCRN-01-G  
WC-SCRN-01-C  
WC-SCRN-01-C  
WC-SCRN-01-C

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: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## 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 #: Q1609

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: 03/27/2025

## LAB CHRONICLE

|                 |                 |                   |                                     |
|-----------------|-----------------|-------------------|-------------------------------------|
| <b>OrderID:</b> | Q1609           | <b>OrderDate:</b> | 3/20/2025 10:20:00 AM               |
| <b>Client:</b>  | ENTACT          | <b>Project:</b>   | 540 Degraw St, Brooklyn, NY - E9309 |
| <b>Contact:</b> | Jarod Stanfield | <b>Location:</b>  | I51                                 |

| LabID    | ClientID     | Matrix | Test            | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|--------------|--------|-----------------|--------|-------------|-----------|-----------|----------|
| Q1609-03 | WC-SCRN-01-C | TCLP   |                 |        | 03/19/25    |           |           | 03/20/25 |
|          |              |        | TCLP ICP Metals | 6010D  |             | 03/21/25  | 03/24/25  |          |
|          |              |        | TCLP Mercury    | 7470A  |             | 03/21/25  | 03/24/25  |          |





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

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

|                 |        |                    |                                     |
|-----------------|--------|--------------------|-------------------------------------|
| <b>SDG No.:</b> | Q1609  | <b>Order ID:</b>   | Q1609                               |
| <b>Client:</b>  | ENTACT | <b>Project ID:</b> | 540 Degraw St, Brooklyn, NY - E9309 |

| Sample ID                       | Client ID    | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|---------------------------------|--------------|--------|-----------|---------------|---|------|------|-------|
| <b>Client ID : WC-SCRN-01-C</b> |              |        |           |               |   |      |      |       |
| Q1609-03                        | WC-SCRN-01-C | TCLP   | Barium    | 698           |   | 62.8 | 500  | ug/L  |
| Q1609-03                        | WC-SCRN-01-C | TCLP   | Cadmium   | 2.18          | J | 0.94 | 30.0 | ug/L  |
| Q1609-03                        | WC-SCRN-01-C | TCLP   | Lead      | 46.2          | J | 35.1 | 60.0 | ug/L  |



# SAMPLE DATA

## Report of Analysis

|                   |                                     |                 |          |
|-------------------|-------------------------------------|-----------------|----------|
| Client:           | ENTACT                              | Date Collected: | 03/19/25 |
| Project:          | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:  | 03/20/25 |
| Client Sample ID: | WC-SCRN-01-C                        | SDG No.:        | Q1609    |
| Lab Sample ID:    | Q1609-03                            | Matrix:         | TCLP     |
| Level (low/med):  | low                                 | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|-----------|
| 7440-38-2 | Arsenic   | 34.8  | U    | 1  | 34.8 | 100        | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7440-39-3 | Barium    | 698   | N    | 1  | 62.8 | 500        | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium   | 2.18  | J    | 1  | 0.94 | 30.0       | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7440-47-3 | Chromium  | 6.60  | U    | 1  | 6.60 | 50.0       | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7439-92-1 | Lead      | 46.2  | J    | 1  | 35.1 | 60.0       | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7439-97-6 | Mercury   | 0.76  | U    | 1  | 0.76 | 2.00       | ug/L  | 03/21/25 11:58 | 03/24/25 09:08 | SW7470A  |           |
| 7782-49-2 | Selenium  | 58.8  | U    | 1  | 58.8 | 100        | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |
| 7440-22-4 | Silver    | 5.80  | U    | 1  | 5.80 | 50.0       | ug/L  | 03/21/25 12:05 | 03/24/25 15:53 | SW6010   | SW3050    |

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

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:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**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 |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV57     | Mercury | 3.72           | 4.0        | 93            | 90 - 110                  | CV | 03/24/2025       | 08:25            | LB135144      |

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**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q1609  
Contract: ENTA05 Lab Code: CHEM Case No.: Q1609 SAS No.: Q1609  
Initial Calibration Source: EPA  
Continuing Calibration Source: PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV49     | Mercury | 5.05           | 5.0        | 101           | 90 - 110                  | CV | 03/24/2025       | 08:30            | LB135144      |
| CCV50     | Mercury | 4.84           | 5.0        | 97            | 90 - 110                  | CV | 03/24/2025       | 09:01            | LB135144      |
| CCV51     | Mercury | 4.77           | 5.0        | 95            | 90 - 110                  | CV | 03/24/2025       | 09:28            | LB135144      |
| CCV52     | Mercury | 4.71           | 5.0        | 94            | 90 - 110                  | CV | 03/24/2025       | 09:53            | LB135144      |
| CCV53     | Mercury | 4.80           | 5.0        | 96            | 90 - 110                  | CV | 03/24/2025       | 10:09            | LB135144      |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

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| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Arsenic  | 999            | 1000       | 100           | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Barium   | 482            | 520        | 93            | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Cadmium  | 494            | 510        | 97            | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Chromium | 529            | 520        | 102           | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Lead     | 982            | 1000       | 98            | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Selenium | 1030           | 1000       | 103           | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |
|           | Silver   | 258            | 250        | 103           | 95 - 105                  | P | 03/24/2025       | 10:33            | LB135158      |

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|                                       |                    |                  |              |                                                            |
|---------------------------------------|--------------------|------------------|--------------|------------------------------------------------------------|
| <b>Client:</b>                        | <u>ENTACT</u>      | <b>SDG No.:</b>  | <u>Q1609</u> |                                                            |
| <b>Contract:</b>                      | <u>ENTA05</u>      | <b>Lab Code:</b> | <u>CHEM</u>  | <b>Case No.:</b> <u>Q1609</u> <b>SAS No.:</b> <u>Q1609</u> |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>         |                  |              |                                                            |
| <b>Continuing Calibration Source:</b> | Inorganic Ventures |                  |              |                                                            |

| Sample ID | Analyte  | Result | True Value | %        | Acceptance  | M | Analysis Date | Analysis Time | Run Number |
|-----------|----------|--------|------------|----------|-------------|---|---------------|---------------|------------|
|           |          | ug/L   |            | Recovery | Window (%R) |   |               |               |            |
| LLICV01   | Arsenic  | 18.2   | 20.0       | 91       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Barium   | 89.4   | 100        | 89       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Cadmium  | 5.64   | 6.0        | 94       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Chromium | 9.80   | 10.0       | 98       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Lead     | 11.7   | 12.0       | 97       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Selenium | 18.3   | 20.0       | 92       | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |
|           | Silver   | 10.6   | 10.0       | 106      | 80 - 120    | P | 03/24/2025    | 10:45         | LB135158   |



**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: ENTACT SDG No.: Q1609  
Contract: ENTA05 Lab Code: CHEM Case No.: Q1609 SAS No.: Q1609  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 5100           | 5000       | 102           | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Barium   | 9430           | 10000      | 94            | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Chromium | 1020           | 1000       | 102           | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Lead     | 4920           | 5000       | 98            | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Selenium | 5080           | 5000       | 102           | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
|           | Silver   | 1260           | 1250       | 101           | 90 - 110                  | P | 03/24/2025       | 11:21            | LB135158      |
| CCV02     | Arsenic  | 5010           | 5000       | 100           | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Barium   | 9560           | 10000      | 96            | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Cadmium  | 2400           | 2500       | 96            | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Chromium | 982            | 1000       | 98            | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Lead     | 4830           | 5000       | 97            | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Selenium | 5070           | 5000       | 101           | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
|           | Silver   | 1230           | 1250       | 98            | 90 - 110                  | P | 03/24/2025       | 12:12            | LB135158      |
| CCV03     | Arsenic  | 4970           | 5000       | 99            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Barium   | 9510           | 10000      | 95            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Cadmium  | 2380           | 2500       | 95            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Chromium | 980            | 1000       | 98            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Lead     | 4800           | 5000       | 96            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Selenium | 4990           | 5000       | 100           | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
|           | Silver   | 1220           | 1250       | 98            | 90 - 110                  | P | 03/24/2025       | 13:07            | LB135158      |
| CCV04     | Arsenic  | 4830           | 5000       | 96            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Barium   | 9200           | 10000      | 92            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Cadmium  | 2330           | 2500       | 93            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Chromium | 951            | 1000       | 95            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Lead     | 4680           | 5000       | 94            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Selenium | 4930           | 5000       | 99            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
|           | Silver   | 1190           | 1250       | 95            | 90 - 110                  | P | 03/24/2025       | 14:06            | LB135158      |
| CCV05     | Arsenic  | 4860           | 5000       | 97            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
|           | Barium   | 9350           | 10000      | 94            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
|           | Cadmium  | 2310           | 2500       | 92            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
|           | Chromium | 940            | 1000       | 94            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
|           | Lead     | 4640           | 5000       | 93            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
|           | Selenium | 4950           | 5000       | 99            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1180           | 1250       | 94            | 90 - 110                  | P | 03/24/2025       | 15:30            | LB135158      |
| CCV06     | Arsenic  | 4700           | 5000       | 94            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Barium   | 9200           | 10000      | 92            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Cadmium  | 2340           | 2500       | 94            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Chromium | 920            | 1000       | 92            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Lead     | 4510           | 5000       | 90            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Selenium | 4790           | 5000       | 96            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
|           | Silver   | 1170           | 1250       | 93            | 90 - 110                  | P | 03/24/2025       | 16:39            | LB135158      |
| CCV07     | Arsenic  | 4740           | 5000       | 95            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Barium   | 9010           | 10000      | 90            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Cadmium  | 2260           | 2500       | 90            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Chromium | 938            | 1000       | 94            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Lead     | 4550           | 5000       | 91            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Selenium | 4830           | 5000       | 97            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
|           | Silver   | 1180           | 1250       | 94            | 90 - 110                  | P | 03/24/2025       | 17:29            | LB135158      |
| CCV08     | Arsenic  | 4760           | 5000       | 95            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Barium   | 9090           | 10000      | 91            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Cadmium  | 2250           | 2500       | 90            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Chromium | 931            | 1000       | 93            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Lead     | 4550           | 5000       | 91            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Selenium | 4850           | 5000       | 97            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |
|           | Silver   | 1170           | 1250       | 94            | 90 - 110                  | P | 03/24/2025       | 18:01            | LB135158      |



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|                                       |                    |                  |              |                                                            |
|---------------------------------------|--------------------|------------------|--------------|------------------------------------------------------------|
| <b>Client:</b>                        | <u>ENTACT</u>      | <b>SDG No.:</b>  | <u>Q1609</u> |                                                            |
| <b>Contract:</b>                      | <u>ENTA05</u>      | <b>Lab Code:</b> | <u>CHEM</u>  | <b>Case No.:</b> <u>Q1609</u> <b>SAS No.:</b> <u>Q1609</u> |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>         |                  |              |                                                            |
| <b>Continuing Calibration Source:</b> | Inorganic Ventures |                  |              |                                                            |

| Sample ID | Analyte  | Result | True Value | %        | Acceptance  | M | Analysis Date | Analysis Time | Run Number |
|-----------|----------|--------|------------|----------|-------------|---|---------------|---------------|------------|
|           |          | ug/L   |            | Recovery | Window (%R) |   |               |               |            |
| ICV01     | Arsenic  | 989    | 1000       | 99       | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Barium   | 493    | 520        | 95       | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Cadmium  | 494    | 510        | 97       | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Chromium | 518    | 520        | 100      | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Lead     | 975    | 1000       | 98       | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Selenium | 1020   | 1000       | 102      | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |
|           | Silver   | 253    | 250        | 101      | 90 - 110    | P | 03/25/2025    | 10:03         | LB135182   |



- 2a -

|                                       |                    |                  |              |                                                            |
|---------------------------------------|--------------------|------------------|--------------|------------------------------------------------------------|
| <b>Client:</b>                        | <u>ENTACT</u>      | <b>SDG No.:</b>  | <u>Q1609</u> |                                                            |
| <b>Contract:</b>                      | <u>ENTA05</u>      | <b>Lab Code:</b> | <u>CHEM</u>  | <b>Case No.:</b> <u>Q1609</u> <b>SAS No.:</b> <u>Q1609</u> |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>         |                  |              |                                                            |
| <b>Continuing Calibration Source:</b> | Inorganic Ventures |                  |              |                                                            |

| Sample ID | Analyte  | Result | True Value | %        | Acceptance  | M | Analysis Date | Analysis Time | Run Number |
|-----------|----------|--------|------------|----------|-------------|---|---------------|---------------|------------|
|           |          | ug/L   |            | Recovery | Window (%R) |   |               |               |            |
| LLICV01   | Arsenic  | 18.5   | 20.0       | 93       | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Barium   | 91.1   | 100        | 91       | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Cadmium  | 5.74   | 6.0        | 96       | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Chromium | 9.50   | 10.0       | 95       | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Lead     | 11.2   | 12.0       | 93       | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Selenium | 21.7   | 20.0       | 108      | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |
|           | Silver   | 10.9   | 10.0       | 109      | 80 - 120    | P | 03/25/2025    | 10:14         | LB135182   |

**Metals**

- 2a -

**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Arsenic  | 5140           | 5000       | 103           | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Barium   | 9690           | 10000      | 97            | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Cadmium  | 2470           | 2500       | 99            | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Chromium | 1010           | 1000       | 101           | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Lead     | 4980           | 5000       | 100           | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Selenium | 5200           | 5000       | 104           | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
|           | Silver   | 1260           | 1250       | 101           | 90 - 110                  | P | 03/25/2025       | 10:35            | LB135182      |
| CCV02     | Arsenic  | 4950           | 5000       | 99            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Barium   | 9380           | 10000      | 94            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Cadmium  | 2390           | 2500       | 96            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Chromium | 987            | 1000       | 99            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Lead     | 4810           | 5000       | 96            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Selenium | 4980           | 5000       | 100           | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
|           | Silver   | 1230           | 1250       | 99            | 90 - 110                  | P | 03/25/2025       | 11:27            | LB135182      |
| CCV03     | Arsenic  | 5010           | 5000       | 100           | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Barium   | 9540           | 10000      | 95            | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Cadmium  | 2390           | 2500       | 96            | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Chromium | 989            | 1000       | 99            | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Lead     | 4830           | 5000       | 97            | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Selenium | 5070           | 5000       | 101           | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
|           | Silver   | 1240           | 1250       | 99            | 90 - 110                  | P | 03/25/2025       | 12:29            | LB135182      |
| CCV04     | Arsenic  | 5180           | 5000       | 104           | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Barium   | 9950           | 10000      | 100           | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Cadmium  | 2450           | 2500       | 98            | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Chromium | 1000           | 1000       | 100           | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Lead     | 4940           | 5000       | 99            | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Selenium | 5260           | 5000       | 105           | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
|           | Silver   | 1270           | 1250       | 102           | 90 - 110                  | P | 03/25/2025       | 13:33            | LB135182      |
| CCV05     | Arsenic  | 5180           | 5000       | 104           | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
|           | Barium   | 9740           | 10000      | 97            | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
|           | Cadmium  | 2420           | 2500       | 97            | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
|           | Chromium | 1000           | 1000       | 100           | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
|           | Lead     | 4900           | 5000       | 98            | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
|           | Selenium | 5260           | 5000       | 105           | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte  | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV05     | Silver   | 1260           | 1250       | 101           | 90 - 110                  | P | 03/25/2025       | 14:38            | LB135182      |
| CCV06     | Arsenic  | 5190           | 5000       | 104           | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Barium   | 9910           | 10000      | 99            | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Cadmium  | 2440           | 2500       | 98            | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Chromium | 1000           | 1000       | 100           | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Lead     | 4930           | 5000       | 98            | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Selenium | 5270           | 5000       | 105           | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
|           | Silver   | 1260           | 1250       | 101           | 90 - 110                  | P | 03/25/2025       | 15:46            | LB135182      |
| CCV07     | Arsenic  | 4970           | 5000       | 99            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Barium   | 9510           | 10000      | 95            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Cadmium  | 2380           | 2500       | 95            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Chromium | 972            | 1000       | 97            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Lead     | 4770           | 5000       | 96            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Selenium | 5020           | 5000       | 100           | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
|           | Silver   | 1220           | 1250       | 98            | 90 - 110                  | P | 03/25/2025       | 16:40            | LB135182      |
| CCV08     | Arsenic  | 5000           | 5000       | 100           | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Barium   | 9410           | 10000      | 94            | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Cadmium  | 2410           | 2500       | 96            | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Chromium | 994            | 1000       | 99            | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Lead     | 4840           | 5000       | 97            | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Selenium | 5050           | 5000       | 101           | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |
|           | Silver   | 1240           | 1250       | 99            | 90 - 110                  | P | 03/25/2025       | 17:01            | LB135182      |



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

**Metals**

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**CRDL STANDARD FOR AA & ICP**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**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>CRA</b>   | Mercury  | 0.19           | 0.2                | 96            | 40 - 160                  | CV | 03/24/2025       | 08:35            | LB135144      |
| <b>CRI01</b> | Arsenic  | 18.6           | 20.0               | 93            | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Barium   | 86.7           | 100                | 87            | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Cadmium  | 5.57           | 6.0                | 93            | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Chromium | 9.94           | 10.0               | 99            | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Lead     | 12.7           | 12.0               | 106           | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Selenium | 19.2           | 20.0               | 96            | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
|              | Silver   | 10.6           | 10.0               | 106           | 40 - 160                  | P  | 03/24/2025       | 10:54            | LB135158      |
| <b>CRI01</b> | Arsenic  | 21.2           | 20.0               | 106           | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Barium   | 91.1           | 100                | 91            | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Cadmium  | 5.71           | 6.0                | 95            | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Chromium | 9.81           | 10.0               | 98            | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Lead     | 11.8           | 12.0               | 98            | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Selenium | 21.9           | 20.0               | 110           | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |
|              | Silver   | 11.2           | 10.0               | 112           | 40 - 160                  | P  | 03/25/2025       | 10:22            | LB135182      |



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

### Metals

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#### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| Client:   | ENTACT  |                |                     |              | SDG No.:  | Q1609 |                  |                  |               |  |
|-----------|---------|----------------|---------------------|--------------|-----------|-------|------------------|------------------|---------------|--|
| Contract: | ENTA05  | Lab Code:      | CHEM                |              | Case No.: | Q1609 | SAS No.:         | Q1609            |               |  |
| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL      | M     | Analysis<br>Date | Analysis<br>Time | Run<br>Number |  |
| ICB57     | Mercury | 0.20           | +/-0.20             | U            | 0.20      | CV    | 03/24/2025       | 08:28            | LB135144      |  |



**Metals**

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**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB49     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 03/24/2025       | 08:32            | LB135144      |
| CCB50     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 03/24/2025       | 09:03            | LB135144      |
| CCB51     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 03/24/2025       | 09:30            | LB135144      |
| CCB52     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 03/24/2025       | 09:55            | LB135144      |
| CCB53     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 03/24/2025       | 10:11            | LB135144      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Arsenic  | 20.0           | +/-20.0             | U            | 20.0 | P | 03/24/2025       | 10:49            | LB135158      |
|           | Barium   | 100            | +/-100              | U            | 100  | P | 03/24/2025       | 10:49            | LB135158      |
|           | Cadmium  | 6.00           | +/-6.00             | U            | 6.00 | P | 03/24/2025       | 10:49            | LB135158      |
|           | Chromium | 10.0           | +/-10.0             | U            | 10.0 | P | 03/24/2025       | 10:49            | LB135158      |
|           | Lead     | 12.0           | +/-12.0             | U            | 12.0 | P | 03/24/2025       | 10:49            | LB135158      |
|           | Selenium | 20.0           | +/-20.0             | U            | 20.0 | P | 03/24/2025       | 10:49            | LB135158      |
|           | Silver   | 10.0           | +/-10.0             | U            | 10.0 | P | 03/24/2025       | 10:49            | LB135158      |

# Metals

- 3a -

## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| Client: ENTACT   |                | SDG No.: Q1609  |                  |           |      |   |               |               |            |
|------------------|----------------|-----------------|------------------|-----------|------|---|---------------|---------------|------------|
| Contract: ENTA05 | Lab Code: CHEM | Case No.: Q1609 | SAS No.: Q1609   |           |      |   |               |               |            |
| Sample ID        | Analyte        | Result ug/L     | Acceptance Limit | Conc Qual | CRQL | M | Analysis Date | Analysis Time | Run Number |
| CCB01            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Lead           | 12.0            | +/-12.0          | U         | 12.0 | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Selenium       | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 11:26         | LB135158   |
|                  | Silver         | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 11:26         | LB135158   |
| CCB02            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Lead           | 12.0            | +/-12.0          | U         | 12.0 | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Selenium       | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 12:17         | LB135158   |
|                  | Silver         | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 12:17         | LB135158   |
| CCB03            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Lead           | 12.0            | +/-12.0          | U         | 12.0 | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Selenium       | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 13:11         | LB135158   |
|                  | Silver         | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 13:11         | LB135158   |
| CCB04            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Lead           | 12.0            | +/-12.0          | U         | 12.0 | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Selenium       | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 14:11         | LB135158   |
|                  | Silver         | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 14:11         | LB135158   |
| CCB05            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Lead           | 12.0            | +/-12.0          | U         | 12.0 | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Selenium       | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 15:34         | LB135158   |
|                  | Silver         | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 15:34         | LB135158   |
| CCB06            | Arsenic        | 20.0            | +/-20.0          | U         | 20.0 | P | 03/24/2025    | 16:43         | LB135158   |
|                  | Barium         | 100             | +/-100           | U         | 100  | P | 03/24/2025    | 16:43         | LB135158   |
|                  | Cadmium        | 6.00            | +/-6.00          | U         | 6.00 | P | 03/24/2025    | 16:43         | LB135158   |
|                  | Chromium       | 10.0            | +/-10.0          | U         | 10.0 | P | 03/24/2025    | 16:43         | LB135158   |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> ENTACT   |                       | <b>SDG No.:</b> Q1609  |                       |              |      |   |                  |                  |               |
|-------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> ENTA05 | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1609 | <b>SAS No.:</b> Q1609 |              |      |   |                  |                  |               |
| Sample ID               | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB06                   | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/24/2025       | 16:43            | LB135158      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/24/2025       | 16:43            | LB135158      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/24/2025       | 16:43            | LB135158      |
| CCB07                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/24/2025       | 17:33            | LB135158      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/24/2025       | 17:33            | LB135158      |
| CCB08                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/24/2025       | 18:08            | LB135158      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/24/2025       | 18:08            | LB135158      |

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

| Sample ID | Analyte  | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|----------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Arsenic  | 20.0           | +/-20.0             | U            | 20.0 | P | 03/25/2025       | 10:18            | LB135182      |
|           | Barium   | 100            | +/-100              | U            | 100  | P | 03/25/2025       | 10:18            | LB135182      |
|           | Cadmium  | 6.00           | +/-6.00             | U            | 6.00 | P | 03/25/2025       | 10:18            | LB135182      |
|           | Chromium | 10.0           | +/-10.0             | U            | 10.0 | P | 03/25/2025       | 10:18            | LB135182      |
|           | Lead     | 12.0           | +/-12.0             | U            | 12.0 | P | 03/25/2025       | 10:18            | LB135182      |
|           | Selenium | 20.0           | +/-20.0             | U            | 20.0 | P | 03/25/2025       | 10:18            | LB135182      |
|           | Silver   | 10.0           | +/-10.0             | U            | 10.0 | P | 03/25/2025       | 10:18            | LB135182      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> ENTACT   |                       | <b>SDG No.:</b> Q1609  |                       |              |      |   |                  |                  |               |
|-------------------------|-----------------------|------------------------|-----------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> ENTA05 | <b>Lab Code:</b> CHEM | <b>Case No.:</b> Q1609 | <b>SAS No.:</b> Q1609 |              |      |   |                  |                  |               |
| Sample ID               | Analyte               | Result<br>ug/L         | Acceptance<br>Limit   | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB01                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 10:40            | LB135182      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 10:40            | LB135182      |
| CCB02                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 11:31            | LB135182      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 11:31            | LB135182      |
| CCB03                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 12:33            | LB135182      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 12:33            | LB135182      |
| CCB04                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 13:42            | LB135182      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 13:42            | LB135182      |
| CCB05                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Lead                  | 12.0                   | +/-12.0               | U            | 12.0 | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Selenium              | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 14:48            | LB135182      |
|                         | Silver                | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 14:48            | LB135182      |
| CCB06                   | Arsenic               | 20.0                   | +/-20.0               | U            | 20.0 | P | 03/25/2025       | 15:50            | LB135182      |
|                         | Barium                | 100                    | +/-100                | U            | 100  | P | 03/25/2025       | 15:50            | LB135182      |
|                         | Cadmium               | 6.00                   | +/-6.00               | U            | 6.00 | P | 03/25/2025       | 15:50            | LB135182      |
|                         | Chromium              | 10.0                   | +/-10.0               | U            | 10.0 | P | 03/25/2025       | 15:50            | LB135182      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> <u>ENTACT</u>   |                              | <b>SDG No.:</b> <u>Q1609</u>  |                              |              |      |   |                  |                  |               |
|--------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>ENTA05</u> | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q1609</u> | <b>SAS No.:</b> <u>Q1609</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>CCB06</b>                   | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 03/25/2025       | 15:50            | LB135182      |
|                                | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 03/25/2025       | 15:50            | LB135182      |
|                                | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 03/25/2025       | 15:50            | LB135182      |
| <b>CCB07</b>                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Barium                       | 100                           | +/-100                       | U            | 100  | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 03/25/2025       | 16:44            | LB135182      |
|                                | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 03/25/2025       | 16:44            | LB135182      |
| <b>CCB08</b>                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Barium                       | 100                           | +/-100                       | U            | 100  | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 03/25/2025       | 17:05            | LB135182      |
|                                | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 03/25/2025       | 17:05            | LB135182      |

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

**Client:** ENTACT

**SDG No.:** Q1609

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB167233TB</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB167263</b> |    | <b>Prep Date:</b> | <b>03/21/2025</b> |          |
|                   | Mercury | 2.00             | <2.00               | U                    | 2.00            | CV | 03/24/2025        | 09:58             | LB135144 |
| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB167263BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB167263</b> |    | <b>Prep Date:</b> | <b>03/21/2025</b> |          |
|                   | Mercury | 0.20             | <0.20               | U                    | 0.20            | CV | 03/24/2025        | 08:41             | LB135144 |



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

**Client:** ENTACT

**SDG No.:** Q1609

**Instrument:** P4

| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|----------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB167233TB</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB167260</b> |   | <b>Prep Date:</b> | <b>03/21/2025</b> |          |
|                   | Arsenic  | 100              | <100                | U                    | 100             | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Barium   | 500              | <500                | U                    | 500             | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Cadmium  | 30.0             | <30.0               | U                    | 30.0            | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Chromium | 50.0             | <50.0               | U                    | 50.0            | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Lead     | 60.0             | <60.0               | U                    | 60.0            | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Selenium | 100              | <100                | U                    | 100             | P | 03/24/2025        | 14:33             | LB135158 |
|                   | Silver   | 50.0             | <50.0               | U                    | 50.0            | P | 03/24/2025        | 14:33             | LB135158 |
| Sample ID         | Analyte  | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
| <b>PB167260BL</b> |          | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB167260</b> |   | <b>Prep Date:</b> | <b>03/21/2025</b> |          |
|                   | Arsenic  | 100              | <100                | U                    | 100             | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Barium   | 500              | <500                | U                    | 500             | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Cadmium  | 30.0             | <30.0               | U                    | 30.0            | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Chromium | 50.0             | <50.0               | U                    | 50.0            | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Lead     | 60.0             | <60.0               | U                    | 60.0            | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Selenium | 100              | <100                | U                    | 100             | P | 03/25/2025        | 11:14             | LB135182 |
|                   | Silver   | 50.0             | <50.0               | U                    | 50.0            | P | 03/25/2025        | 11:14             | LB135182 |

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

|                                |                              |                                 |                              |
|--------------------------------|------------------------------|---------------------------------|------------------------------|
| <b>Client:</b> <u>ENTACT</u>   |                              | <b>SDG No.:</b> <u>Q1609</u>    |                              |
| <b>Contract:</b> <u>ENTA05</u> | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q1609</u>   | <b>SAS No.:</b> <u>Q1609</u> |
| <b>ICS Source:</b> <u>EPA</u>  |                              | <b>Instrument ID:</b> <u>P4</u> |                              |

| Sample ID      | Analyte  | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|----------------|----------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Arsenic  | 3.48           |                    |               | -20                    | 20                      | 03/24/2025       | 10:58            | LB135158      |
|                | Barium   | -0.68          | 6.0                | 11            | -94                    | 106                     | 03/24/2025       | 10:58            | LB135158      |
|                | Cadmium  | -3.41          | 1.0                | 341           | -5                     | 7                       | 03/24/2025       | 10:58            | LB135158      |
|                | Chromium | 57.6           | 52.0               | 111           | 42                     | 62                      | 03/24/2025       | 10:58            | LB135158      |
|                | Lead     | 5.40           |                    |               | -12                    | 12                      | 03/24/2025       | 10:58            | LB135158      |
|                | Selenium | 3.83           |                    |               | -20                    | 20                      | 03/24/2025       | 10:58            | LB135158      |
|                | Silver   | -1.12          |                    |               | -10                    | 10                      | 03/24/2025       | 10:58            | LB135158      |
| <b>ICSAB01</b> | Arsenic  | 112            | 104                | 108           | 88.4                   | 120                     | 03/24/2025       | 11:02            | LB135158      |
|                | Barium   | 474            | 537                | 88            | 437                    | 637                     | 03/24/2025       | 11:02            | LB135158      |
|                | Cadmium  | 995            | 972                | 102           | 826                    | 1120                    | 03/24/2025       | 11:02            | LB135158      |
|                | Chromium | 573            | 542                | 106           | 460                    | 624                     | 03/24/2025       | 11:02            | LB135158      |
|                | Lead     | 54.7           | 49.0               | 112           | 37                     | 61                      | 03/24/2025       | 11:02            | LB135158      |
|                | Selenium | 52.9           | 46.0               | 115           | 26                     | 66                      | 03/24/2025       | 11:02            | LB135158      |
|                | Silver   | 206            | 201                | 102           | 170                    | 232                     | 03/24/2025       | 11:02            | LB135158      |
| <b>ICSA01</b>  | Arsenic  | 4.77           |                    |               | -20                    | 20                      | 03/25/2025       | 10:27            | LB135182      |
|                | Barium   | -0.56          | 6.0                | 9             | -94                    | 106                     | 03/25/2025       | 10:27            | LB135182      |
|                | Cadmium  | -3.57          | 1.0                | 357           | -5                     | 7                       | 03/25/2025       | 10:27            | LB135182      |
|                | Chromium | 55.0           | 52.0               | 106           | 42                     | 62                      | 03/25/2025       | 10:27            | LB135182      |
|                | Lead     | 4.19           |                    |               | -12                    | 12                      | 03/25/2025       | 10:27            | LB135182      |
|                | Selenium | -9.76          |                    |               | -20                    | 20                      | 03/25/2025       | 10:27            | LB135182      |
|                | Silver   | -0.0040        |                    |               | -10                    | 10                      | 03/25/2025       | 10:27            | LB135182      |
| <b>ICSAB01</b> | Arsenic  | 112            | 104                | 108           | 88.4                   | 120                     | 03/25/2025       | 10:31            | LB135182      |
|                | Barium   | 469            | 537                | 87            | 437                    | 637                     | 03/25/2025       | 10:31            | LB135182      |
|                | Cadmium  | 998            | 972                | 103           | 826                    | 1120                    | 03/25/2025       | 10:31            | LB135182      |
|                | Chromium | 566            | 542                | 104           | 460                    | 624                     | 03/25/2025       | 10:31            | LB135182      |
|                | Lead     | 52.0           | 49.0               | 106           | 37                     | 61                      | 03/25/2025       | 10:31            | LB135182      |
|                | Selenium | 37.0           | 46.0               | 80            | 26                     | 66                      | 03/25/2025       | 10:31            | LB135182      |
|                | Silver   | 203            | 201                | 101           | 170                    | 232                     | 03/25/2025       | 10:31            | LB135182      |



# METAL

## QC

### DATA

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

|                                      |                                   |                                                            |
|--------------------------------------|-----------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>ENTACT</u>         | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q1609</u>                               |
| <b>contract:</b> <u>ENTA05</u>       | <b>lab code:</b> <u>CHEM</u>      | <b>case no.:</b> <u>Q1609</u> <b>sas no.:</b> <u>Q1609</u> |
| <b>matrix:</b> <u>Water</u>          | <b>sample id:</b> <u>Q1619-14</u> | <b>client id:</b> <u>TP-5MS</u>                            |
| <b>Percent Solids for Sample:</b> NA | <b>Spiked ID:</b> Q1619-14MS      | <b>Percent Solids for Spike Sample:</b> NA                 |

| Analyte  | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 75 - 125               | 3850             |   | 100              | U | 4000           | 96            |      | P  |
| Barium   | ug/L  | 75 - 125               | 4980             |   | 3670             |   | 1000           | 130           | N    | P  |
| Cadmium  | ug/L  | 75 - 125               | 911              |   | 4.50             | J | 1000           | 91            |      | P  |
| Chromium | ug/L  | 75 - 125               | 3350             |   | 1300             |   | 2000           | 103           |      | P  |
| Lead     | ug/L  | 75 - 125               | 4410             |   | 76.6             |   | 5000           | 87            |      | P  |
| Mercury  | ug/L  | 75 - 125               | 37.7             |   | 2.00             | U | 40.0           | 94            |      | CV |
| Selenium | ug/L  | 75 - 125               | 9500             |   | 100              | U | 10000          | 95            |      | P  |
| Silver   | ug/L  | 75 - 125               | 355              |   | 50.0             | U | 380            | 93            |      | P  |

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

**client:** ENTACT **level:** low **sdg no.:** Q1609  
**contract:** ENTA05 **lab code:** CHEM **case no.:** Q1609 **sas no.:** Q1609  
**matrix:** Water **sample id:** Q1619-14 **client id:** TP-5MSD  
**Percent Solids for Sample:** NA **Spiked ID:** Q1619-14MSD **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|----------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Arsenic  | ug/L  | 75 - 125               | 3820          |   | 100              | U | 4000           | 96            |      | P  |
| Barium   | ug/L  | 75 - 125               | 5070          |   | 3670             |   | 1000           | 140           | N    | P  |
| Cadmium  | ug/L  | 75 - 125               | 912           |   | 4.50             | J | 1000           | 91            |      | P  |
| Chromium | ug/L  | 75 - 125               | 3370          |   | 1300             |   | 2000           | 103           |      | P  |
| Lead     | ug/L  | 75 - 125               | 4410          |   | 76.6             |   | 5000           | 87            |      | P  |
| Mercury  | ug/L  | 75 - 125               | 32.8          |   | 2.00             | U | 40.0           | 82            |      | CV |
| Selenium | ug/L  | 75 - 125               | 9430          |   | 100              | U | 10000          | 94            |      | P  |
| Silver   | ug/L  | 75 - 125               | 357           |   | 50.0             | U | 380            | 94            |      | P  |

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

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Matrix:** Water **Level:** LOW **Client ID:** TP-5A  
**Sample ID:** Q1619-14 **Spiked ID:** Q1619-14A

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Barium  | ug/L  | 75 - 125               | 5060             |   | 3670             |   | 1000           | 139           |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** ENTACT **Level:** LOW **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Matrix:** Water **Sample ID:** Q1619-14 **Client ID:** TP-5DUP  
**Percent Solids for Sample:** NA **Duplicate ID** Q1619-14DUP **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Arsenic  | ug/L  | 20               | 100           | U | 100              | U |     |      | P  |
| Barium   | ug/L  | 20               | 3670          |   | 3670             |   | 0   |      | P  |
| Cadmium  | ug/L  | 20               | 4.50          | J | 4.49             | J | 0   |      | P  |
| Chromium | ug/L  | 20               | 1300          |   | 1290             |   | 1   |      | P  |
| Lead     | ug/L  | 20               | 76.6          |   | 75.4             |   | 2   |      | P  |
| Mercury  | ug/L  | 20               | 2.00          | U | 2.00             | U |     |      | CV |
| Selenium | ug/L  | 20               | 100           | U | 100              | U |     |      | P  |
| Silver   | ug/L  | 20               | 50.0          | U | 50.0             | U |     |      | P  |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

**Client:** ENTACT **Level:** LOW **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609  
**Matrix:** Water **Sample ID:** Q1619-14MS **Client ID:** TP-5MSD  
**Percent Solids for Sample:** NA **Duplicate ID** Q1619-14MSD **Percent Solids for Spike Sample:** NA

| Analyte  | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|----------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Arsenic  | ug/L  | 20               | 3850          |   | 3820             |   | 1   |      | P  |
| Barium   | ug/L  | 20               | 4980          |   | 5070             |   | 2   |      | P  |
| Cadmium  | ug/L  | 20               | 911           |   | 912              |   | 0   |      | P  |
| Chromium | ug/L  | 20               | 3350          |   | 3370             |   | 1   |      | P  |
| Lead     | ug/L  | 20               | 4410          |   | 4410             |   | 0   |      | P  |
| Mercury  | ug/L  | 20               | 37.7          |   | 32.8             |   | 14  |      | CV |
| Selenium | ug/L  | 20               | 9500          |   | 9430             |   | 1   |      | P  |
| Silver   | ug/L  | 20               | 355           |   | 357              |   | 1   |      | P  |



**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB167260BS |       |            |        |   |               |                      |   |
| Arsenic    | ug/L  | 4000       | 3850   |   | 96            | 80 - 120             | P |
| Barium     | ug/L  | 1000       | 859    |   | 86            | 80 - 120             | P |
| Cadmium    | ug/L  | 1000       | 911    |   | 91            | 80 - 120             | P |
| Chromium   | ug/L  | 2000       | 1990   |   | 100           | 80 - 120             | P |
| Lead       | ug/L  | 5000       | 4570   |   | 91            | 80 - 120             | P |
| Selenium   | ug/L  | 10000      | 9890   |   | 99            | 80 - 120             | P |
| Silver     | ug/L  | 380        | 377    |   | 99            | 80 - 120             | P |

**Metals**

- 7 -

**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** ENTACT **SDG No.:** Q1609  
**Contract:** ENTA05 **Lab Code:** CHEM **Case No.:** Q1609 **SAS No.:** Q1609

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB167263BS<br>Mercury | ug/L  | 4.0        | 3.74   |   | 94            | 80 - 120             | CV |

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

**SAMPLE NO.**

TP-5L

**Lab Name:** Chemtech Consulting Group

**Contract:** ENTA05

**Lab Code:** CHEM **Lb No.:** lb135182 **Lab Sample ID :** Q1619-14L **SDG No.:** Q1609

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

**Concentration Units:** ug/L

| Analyte  | Initial Sample Result (I) |   | Serial Dilution Result (S) |   | % Difference |  | Q | M  |
|----------|---------------------------|---|----------------------------|---|--------------|--|---|----|
|          |                           | C |                            | C |              |  |   |    |
| Arsenic  | 100                       | U | 500                        | U |              |  |   | P  |
| Barium   | 3670                      |   | 3620                       |   | 1            |  |   | P  |
| Cadmium  | 4.50                      | J | 150                        | U | 100.0        |  |   | P  |
| Chromium | 1300                      |   | 1340                       |   | 3            |  |   | P  |
| Lead     | 76.6                      |   | 300                        | U | 100.0        |  |   | P  |
| Mercury  | 2.00                      | U | 10.0                       | U |              |  |   | CV |
| Selenium | 100                       | U | 500                        | U |              |  |   | P  |
| Silver   | 50.0                      | U | 250                        | U |              |  |   | P  |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

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

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

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |            |           |           |
|----------|-------------------------|------------------------------------------|-----------|------------|-----------|-----------|
|          |                         | Al                                       | Ca        | Fe         | Mg        | Ag        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000930  | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | -0.0000920                               | 0.0000000 | 0.0000380  | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | -0.0001490 | 0.0000000 | 0.0000000 |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

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

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

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | As                                       | Ba        | Be        | Cd        | Co         |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |

**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

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

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

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|          |                         | Cr                                       | Cu        | K         | Mn        | Mo         |
| Arsenic  | 193.759                 | -0.0029000                               | 0.0000000 | 0.0000000 | 0.0000000 | 0.0004900  |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000070 | 0.0002200 | 0.0000000  |
| Lead     | 220.353                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0001400 | -0.0008600 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0007460 | 0.0000000  |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0000120 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

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

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

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |           |
|----------|-------------------------|------------------------------------------|-----------|-----------|-----------|-----------|
|          |                         | Na                                       | Ni        | Pb        | Sb        | Se        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | 0.0006580 | 0.0000000 | 0.0000000 | 0.0001290 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000 | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |



**Metals**

- 11 -

**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** ENTACT

**SDG No.:** Q1609

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** Q1609

**SAS No.:** Q1609

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

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

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

| Analyte  | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|          |                         | Sn                                       | Ti         | Tl        | V         | Zn        |
| Arsenic  | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium   | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium  | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000 | 0.0000000 |
| Chromium | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110 | 0.0000000 |
| Lead     | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Silver   | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000 | 0.0000000 |



# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

|                  |               |                  |              |
|------------------|---------------|------------------|--------------|
| <b>Client:</b>   | <u>ENTACT</u> | <b>SDG No.:</b>  | <u>Q1609</u> |
| <b>Contract:</b> | <u>ENTA05</u> | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |               | <b>Method:</b>   | <u></u>      |
|                  |               | <b>Case No.:</b> | <u>Q1609</u> |
|                  |               | <b>SAS No.:</b>  | <u>Q1609</u> |

| Sample ID                     | Client ID    | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|--------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB167260</b> |              |             |        |            |                         |                          |                |
| PB167233TB                    | PB167233TB   | MB          | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| PB167260BL                    | PB167260BL   | MB          | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| PB167260BS                    | PB167260BS   | LCS         | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| Q1609-03                      | WC-SCRN-01-C | SAM         | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| Q1619-14DUP                   | TP-5DUP      | DUP         | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| Q1619-14MS                    | TP-5MS       | MS          | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |
| Q1619-14MSD                   | TP-5MSD      | MSD         | WATER  | 03/21/2025 | 5.0                     | 25.0                     |                |

**Metals**

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**SAMPLE PREPARATION SUMMARY**

|                  |               |                  |              |
|------------------|---------------|------------------|--------------|
| <b>Client:</b>   | <u>ENTACT</u> | <b>SDG No.:</b>  | <u>Q1609</u> |
| <b>Contract:</b> | <u>ENTA05</u> | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |               | <b>Method:</b>   | <u></u>      |
|                  |               | <b>Case No.:</b> | <u>Q1609</u> |
|                  |               | <b>SAS No.:</b>  | <u>Q1609</u> |

| Sample ID                     | Client ID    | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|--------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB167263</b> |              |             |        |            |                         |                          |                |
| PB167233TB                    | PB167233TB   | MB          | WATER  | 03/21/2025 | 3.0                     | 30.0                     |                |
| PB167263BL                    | PB167263BL   | MB          | WATER  | 03/21/2025 | 30.0                    | 30.0                     |                |
| PB167263BS                    | PB167263BS   | LCS         | WATER  | 03/21/2025 | 30.0                    | 30.0                     |                |
| Q1609-03                      | WC-SCRN-01-C | SAM         | WATER  | 03/21/2025 | 3.0                     | 30.0                     |                |
| Q1619-14DUP                   | TP-5DUP      | DUP         | WATER  | 03/21/2025 | 3.0                     | 30.0                     |                |
| Q1619-14MS                    | TP-5MS       | MS          | WATER  | 03/21/2025 | 3.0                     | 30.0                     |                |
| Q1619-14MSD                   | TP-5MSD      | MSD         | WATER  | 03/21/2025 | 3.0                     | 30.0                     |                |

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

**Client:** ENTACT **Contract:** ENTA05

**Lab code:** CHEM **Case no.:** Q1609 **Sas no.:** Q1609 **Sdg no.:** Q1609

**Instrument id number:**                      **Method:**                      **Run number:** LB135144

**Start date:** 03/24/2025 **End date:** 03/24/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0811 | HG             |
| S0.2           | S0.2             | 1   | 0814 | HG             |
| S2.5           | S2.5             | 1   | 0816 | HG             |
| S5             | S5               | 1   | 0818 | HG             |
| S7.5           | S7.5             | 1   | 0820 | HG             |
| S10            | S10              | 1   | 0823 | HG             |
| ICV57          | ICV57            | 1   | 0825 | HG             |
| ICB57          | ICB57            | 1   | 0828 | HG             |
| CCV49          | CCV49            | 1   | 0830 | HG             |
| CCB49          | CCB49            | 1   | 0832 | HG             |
| CRA            | CRA              | 1   | 0835 | HG             |
| PB167263BL     | PB167263BL       | 1   | 0841 | HG             |
| PB167263BS     | PB167263BS       | 1   | 0847 | HG             |
| CCV50          | CCV50            | 1   | 0901 | HG             |
| CCB50          | CCB50            | 1   | 0903 | HG             |
| Q1609-03       | WC-SCRN-01-C     | 1   | 0908 | HG             |
| Q1619-14DUP    | TP-5DUP          | 1   | 0923 | HG             |
| Q1619-14MS     | TP-5MS           | 1   | 0926 | HG             |
| CCV51          | CCV51            | 1   | 0928 | HG             |
| CCB51          | CCB51            | 1   | 0930 | HG             |
| Q1619-14MSD    | TP-5MSD          | 1   | 0933 | HG             |
| CCV52          | CCV52            | 1   | 0953 | HG             |
| CCB52          | CCB52            | 1   | 0955 | HG             |
| PB167233TB     | PB167233TB       | 1   | 0958 | HG             |
| Q1619-14L      | TP-5L            | 5   | 1000 | HG             |
| CCV53          | CCV53            | 1   | 1009 | HG             |
| CCB53          | CCB53            | 1   | 1011 | HG             |

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

**Client:** ENTACT **Contract:** ENTA05

**Lab code:** CHEM **Case no.:** Q1609 **Sas no.:** Q1609 **Sdg no.:** Q1609

**Instrument id number:**                      **Method:**                      **Run number:** LB135158

**Start date:** 03/24/2025 **End date:** 03/24/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list       |
|----------------|------------------|-----|------|----------------------|
| S0             | S0               | 1   | 1001 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S1             | S1               | 1   | 1005 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S2             | S2               | 1   | 1010 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S3             | S3               | 1   | 1014 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S4             | S4               | 1   | 1018 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S5             | S5               | 1   | 1022 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICV01          | ICV01            | 1   | 1033 | Ag,As,Ba,Cd,Cr,Pb,Se |
| LLICV01        | LLICV01          | 1   | 1045 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICB01          | ICB01            | 1   | 1049 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CRI01          | CRI01            | 1   | 1054 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSA01         | ICSA01           | 1   | 1058 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSAB01        | ICSAB01          | 1   | 1102 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV01          | CCV01            | 1   | 1121 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB01          | CCB01            | 1   | 1126 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV02          | CCV02            | 1   | 1212 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB02          | CCB02            | 1   | 1217 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV03          | CCV03            | 1   | 1307 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB03          | CCB03            | 1   | 1311 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV04          | CCV04            | 1   | 1406 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB04          | CCB04            | 1   | 1411 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB167233TB     | PB167233TB       | 1   | 1433 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV05          | CCV05            | 1   | 1530 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB05          | CCB05            | 1   | 1534 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1609-03       | WC-SCRN-01-C     | 1   | 1553 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV06          | CCV06            | 1   | 1639 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB06          | CCB06            | 1   | 1643 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV07          | CCV07            | 1   | 1729 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB07          | CCB07            | 1   | 1733 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV08          | CCV08            | 1   | 1801 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB08          | CCB08            | 1   | 1808 | Ag,As,Ba,Cd,Cr,Pb,Se |

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

**Client:** ENTACT **Contract:** ENTA05

**Lab code:** CHEM **Case no.:** Q1609 **Sas no.:** Q1609 **Sdg no.:** Q1609

**Instrument id number:**                      **Method:**                      **Run number:** LB135182

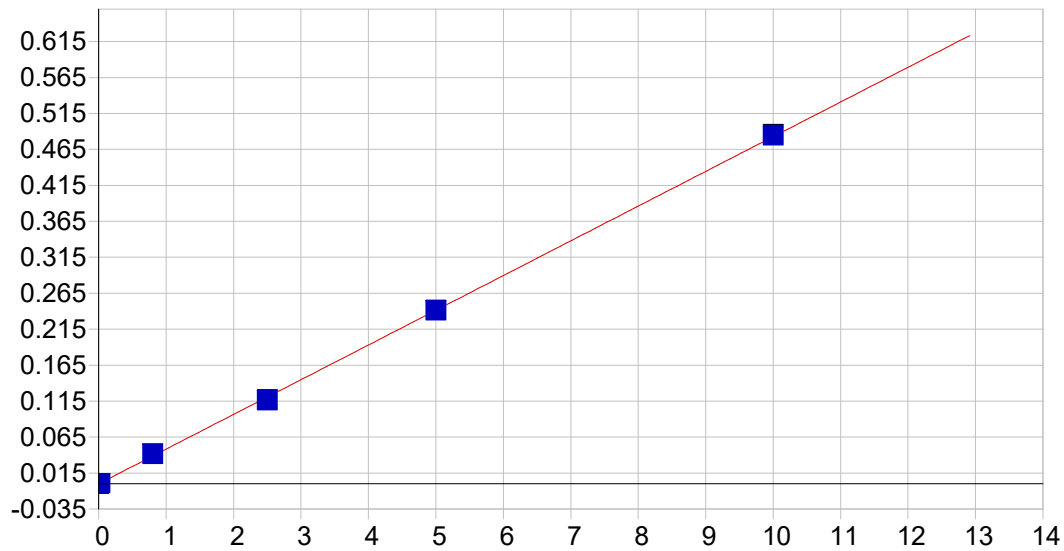
**Start date:** 03/25/2025 **End date:** 03/25/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list       |
|----------------|------------------|-----|------|----------------------|
| S0             | S0               | 1   | 0938 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S1             | S1               | 1   | 0942 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S2             | S2               | 1   | 0946 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S3             | S3               | 1   | 0950 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S4             | S4               | 1   | 0954 | Ag,As,Ba,Cd,Cr,Pb,Se |
| S5             | S5               | 1   | 0959 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICV01          | ICV01            | 1   | 1003 | Ag,As,Ba,Cd,Cr,Pb,Se |
| LLICV01        | LLICV01          | 1   | 1014 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICB01          | ICB01            | 1   | 1018 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CRI01          | CRI01            | 1   | 1022 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSA01         | ICSA01           | 1   | 1027 | Ag,As,Ba,Cd,Cr,Pb,Se |
| ICSAB01        | ICSAB01          | 1   | 1031 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV01          | CCV01            | 1   | 1035 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB01          | CCB01            | 1   | 1040 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1619-14DUP    | TP-5DUP          | 1   | 1053 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1619-14L      | TP-5L            | 5   | 1057 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1619-14MS     | TP-5MS           | 1   | 1101 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1619-14MSD    | TP-5MSD          | 1   | 1106 | Ag,As,Ba,Cd,Cr,Pb,Se |
| Q1619-14A      | TP-5A            | 1   | 1110 | Ba                   |
| PB167260BL     | PB167260BL       | 1   | 1114 | Ag,As,Ba,Cd,Cr,Pb,Se |
| PB167260BS     | PB167260BS       | 1   | 1118 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV02          | CCV02            | 1   | 1127 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB02          | CCB02            | 1   | 1131 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV03          | CCV03            | 1   | 1229 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB03          | CCB03            | 1   | 1233 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV04          | CCV04            | 1   | 1333 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB04          | CCB04            | 1   | 1342 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV05          | CCV05            | 1   | 1438 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB05          | CCB05            | 1   | 1448 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV06          | CCV06            | 1   | 1546 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB06          | CCB06            | 1   | 1550 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV07          | CCV07            | 1   | 1640 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB07          | CCB07            | 1   | 1644 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCV08          | CCV08            | 1   | 1701 | Ag,As,Ba,Cd,Cr,Pb,Se |
| CCB08          | CCB08            | 1   | 1705 | Ag,As,Ba,Cd,Cr,Pb,Se |



# METAL RAW DATA



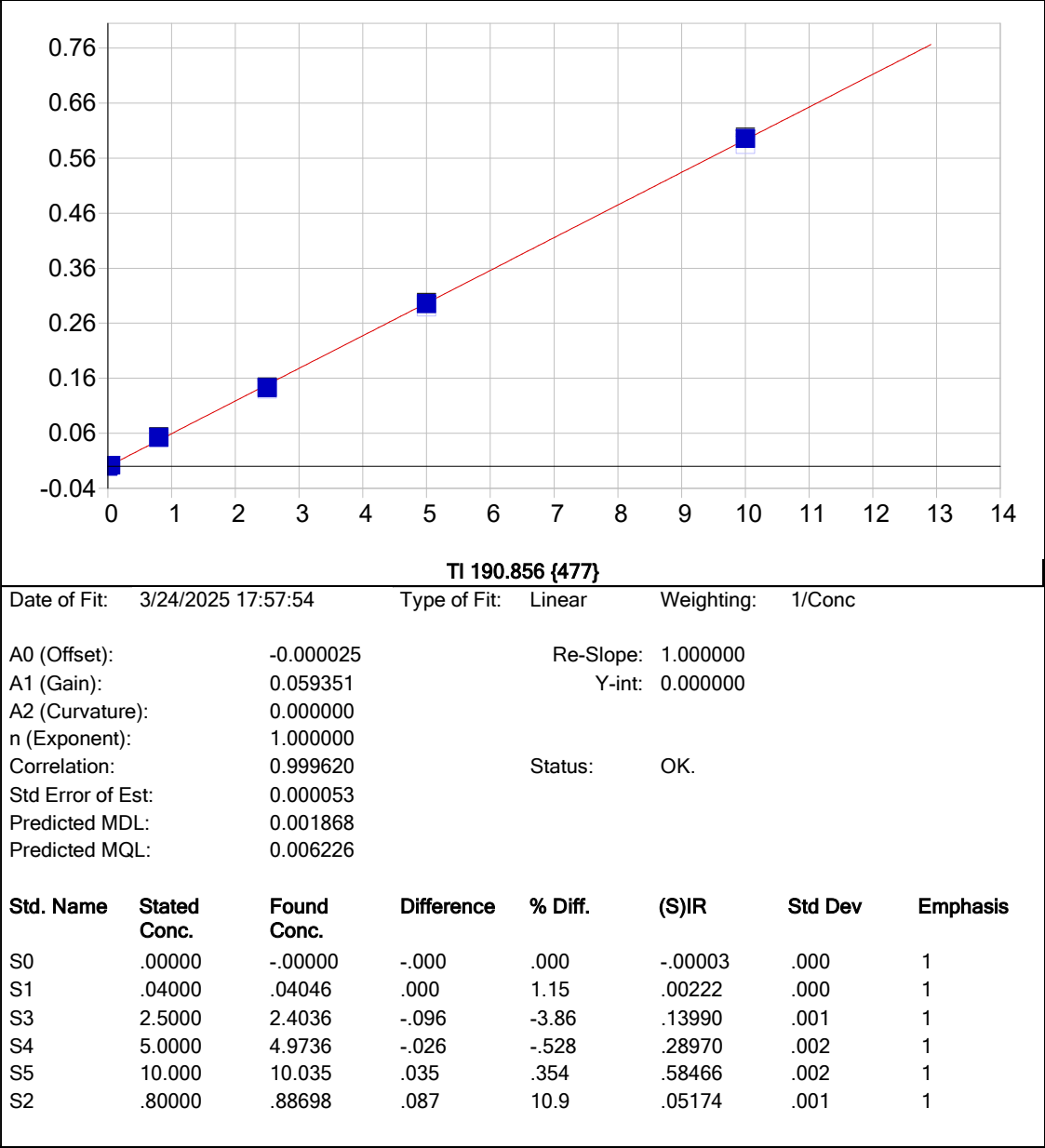


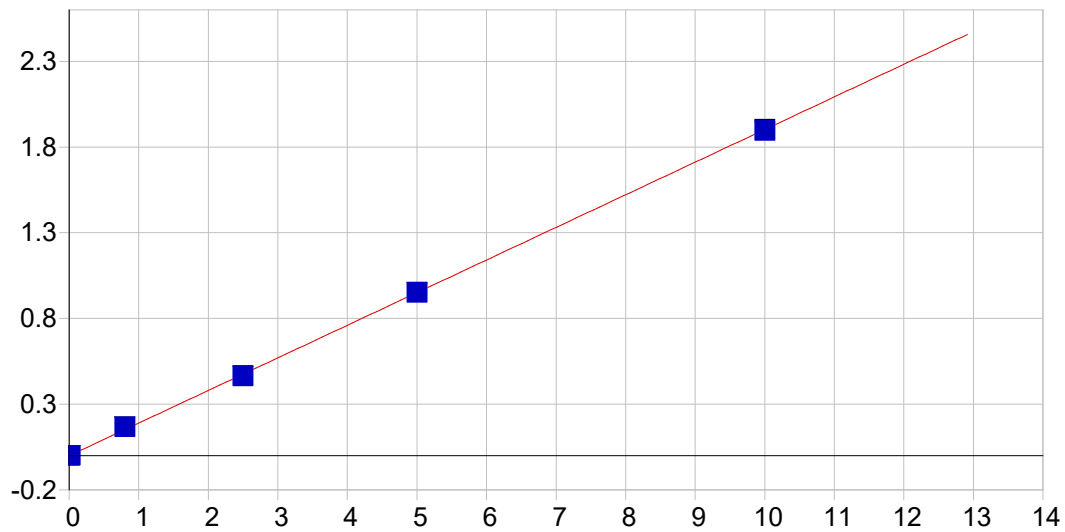
As 189.042 {479}

Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000015 Re-Slope: 1.000000  
A1 (Gain): 0.048264 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999775 Status: OK.  
Std Error of Est: 0.000024  
Predicted MDL: 0.002599  
Predicted MQL: 0.008664

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00001 | .000    | 1        |
| S1        | .02000       | .01847      | -.002      | -7.66   | .00087  | .000    | 1        |
| S3        | 2.5000       | 2.4057      | -.094      | -3.77   | .11596  | .001    | 1        |
| S4        | 5.0000       | 4.9969      | -.003      | -.062   | .24089  | .000    | 1        |
| S5        | 10.000       | 10.040      | .040       | .397    | .48402  | .002    | 1        |
| S2        | .80000       | .85922      | .059       | 7.40    | .04141  | .000    | 1        |



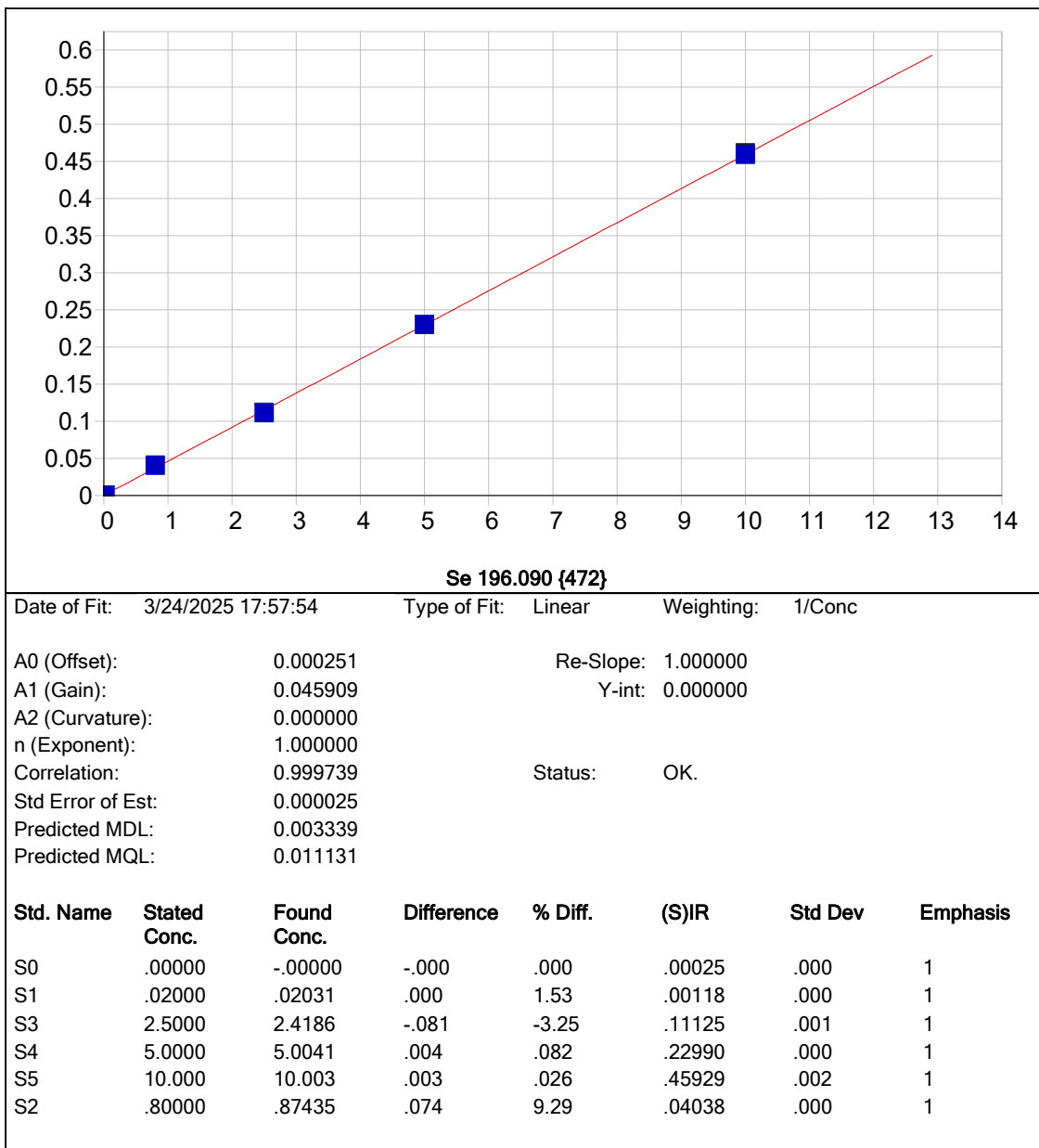


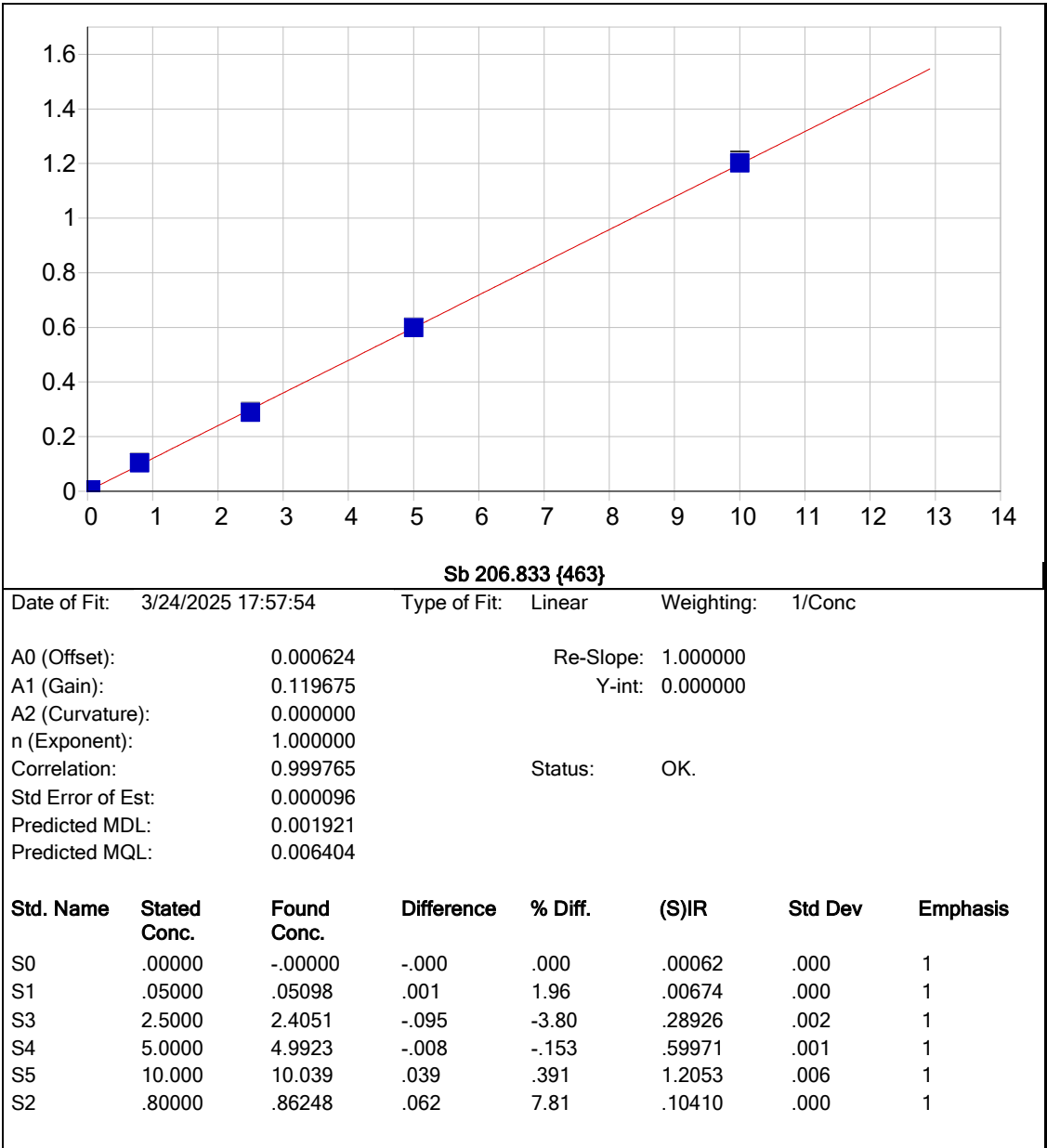
**Pb 220.353 {453}**

Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000348 Re-Slope: 1.000000  
A1 (Gain): 0.190264 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999711 Status: OK.  
Std Error of Est: 0.000083  
Predicted MDL: 0.001450  
Predicted MQL: 0.004834

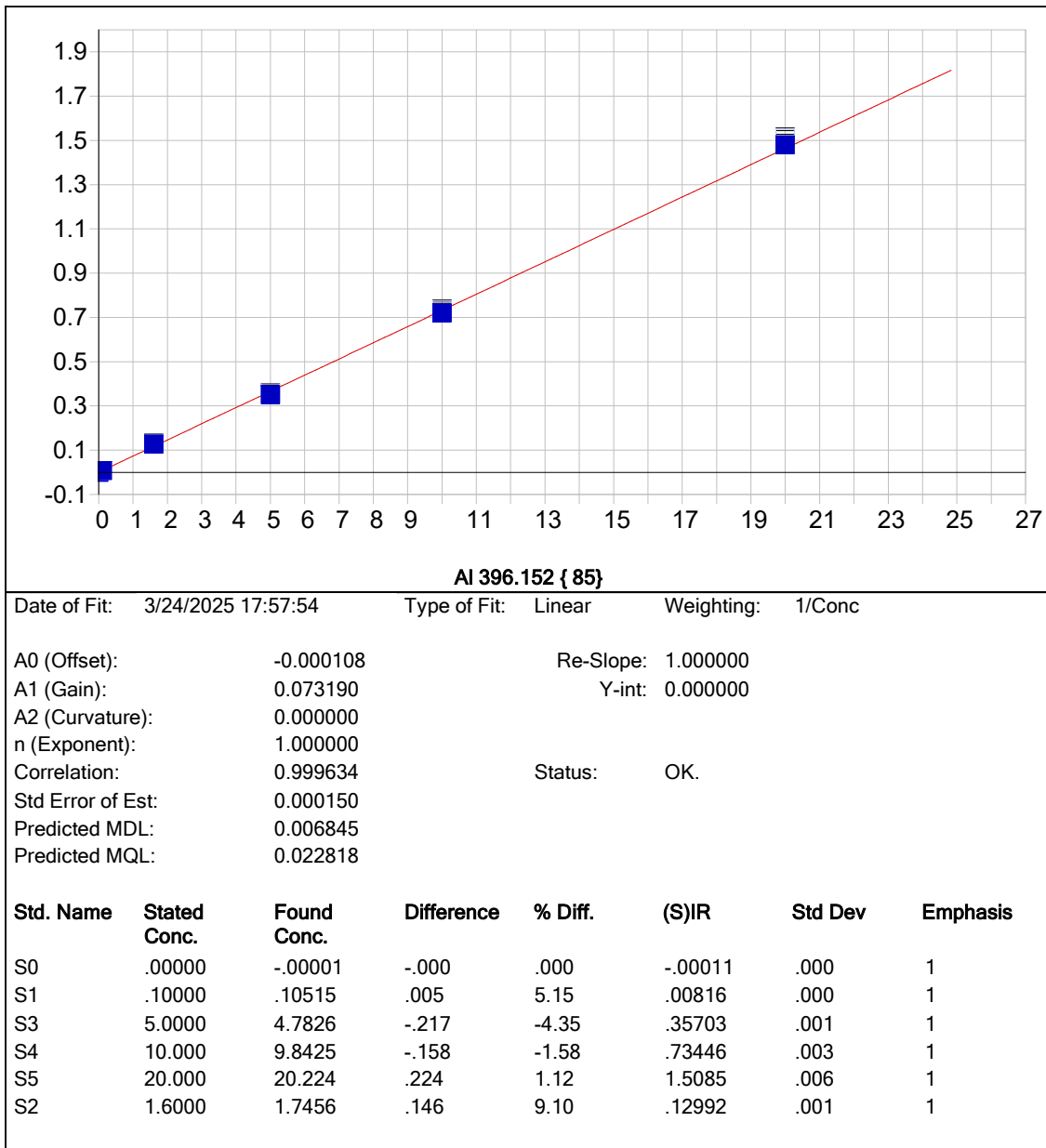
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00035 | .000    | 1        |
| S1        | .01200       | .01358      | .002       | 13.1    | .00219  | .000    | 1        |
| S3        | 2.5000       | 2.4400      | -.060      | -2.40   | .46337  | .002    | 1        |
| S4        | 5.0000       | 5.0016      | .002       | .032    | .95023  | .002    | 1        |
| S5        | 10.000       | 9.9727      | -.027      | -.273   | 1.8950  | .007    | 1        |
| S2        | .80000       | .88419      | .084       | 10.5    | .16771  | .001    | 1        |

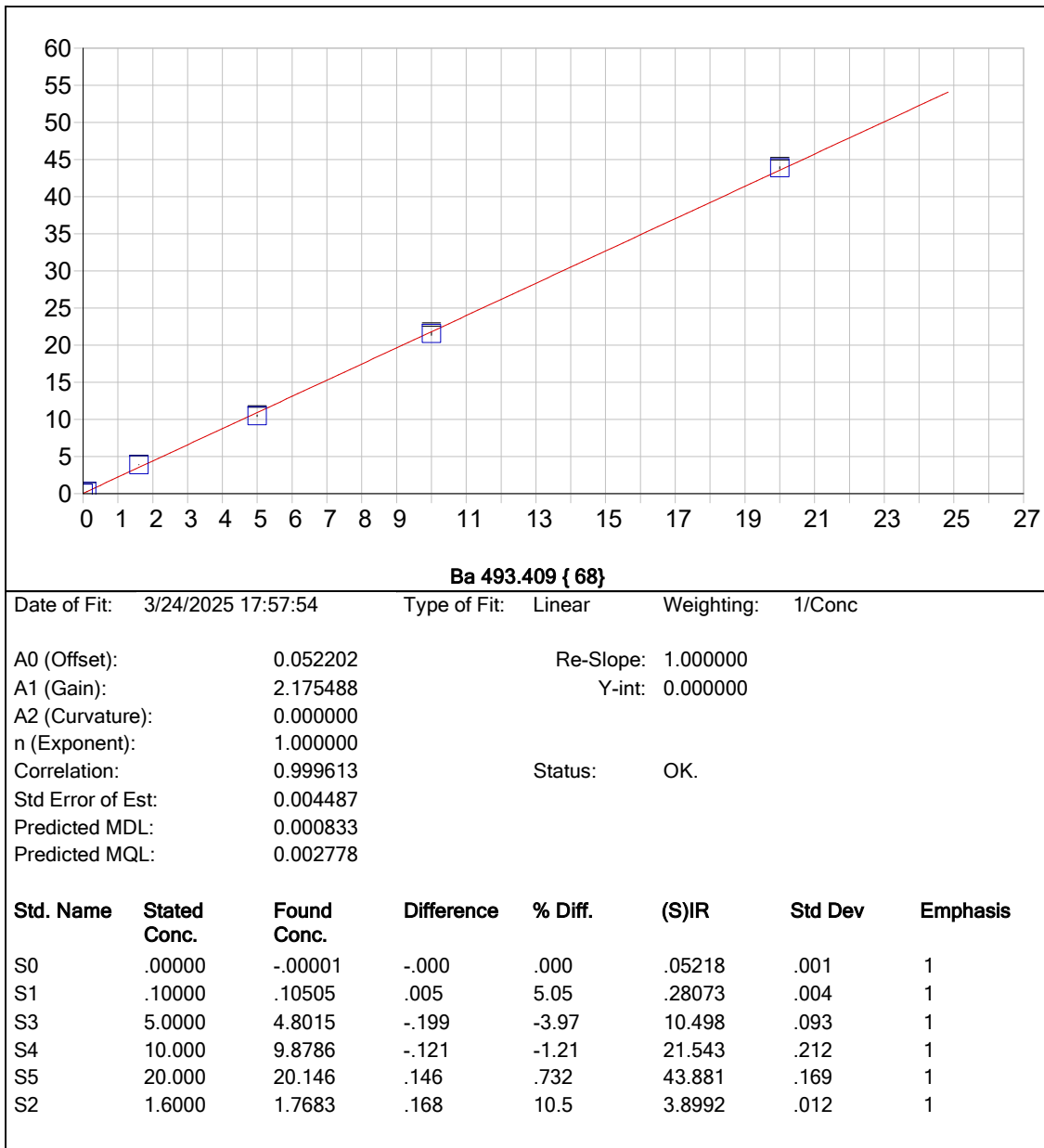


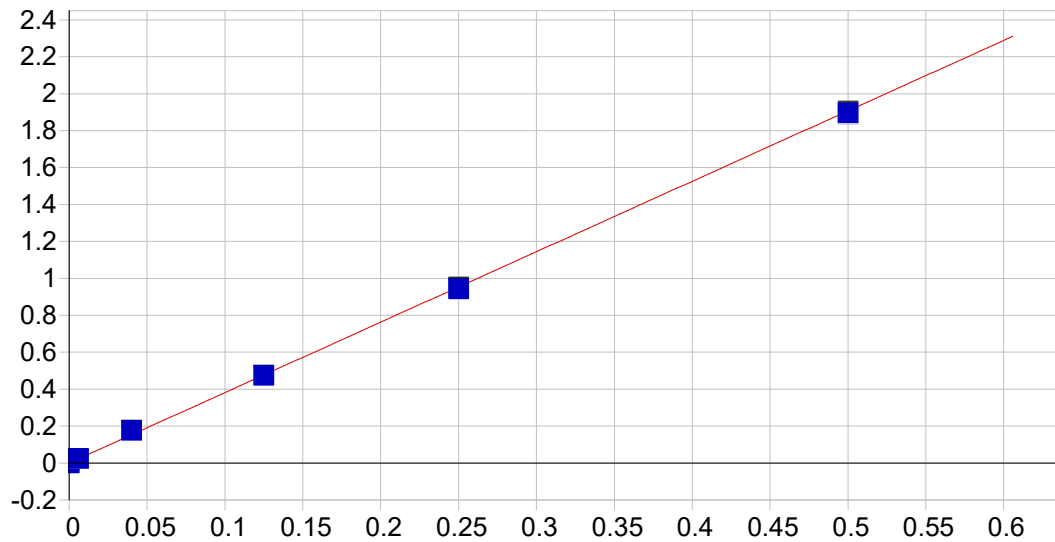


Date of Fit: 3/24/2025 17:57:54      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000624      Re-Slope: 1.000000  
A1 (Gain): 0.119675      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999765      Status: OK.  
Std Error of Est: 0.000096  
Predicted MDL: 0.001921  
Predicted MQL: 0.006404







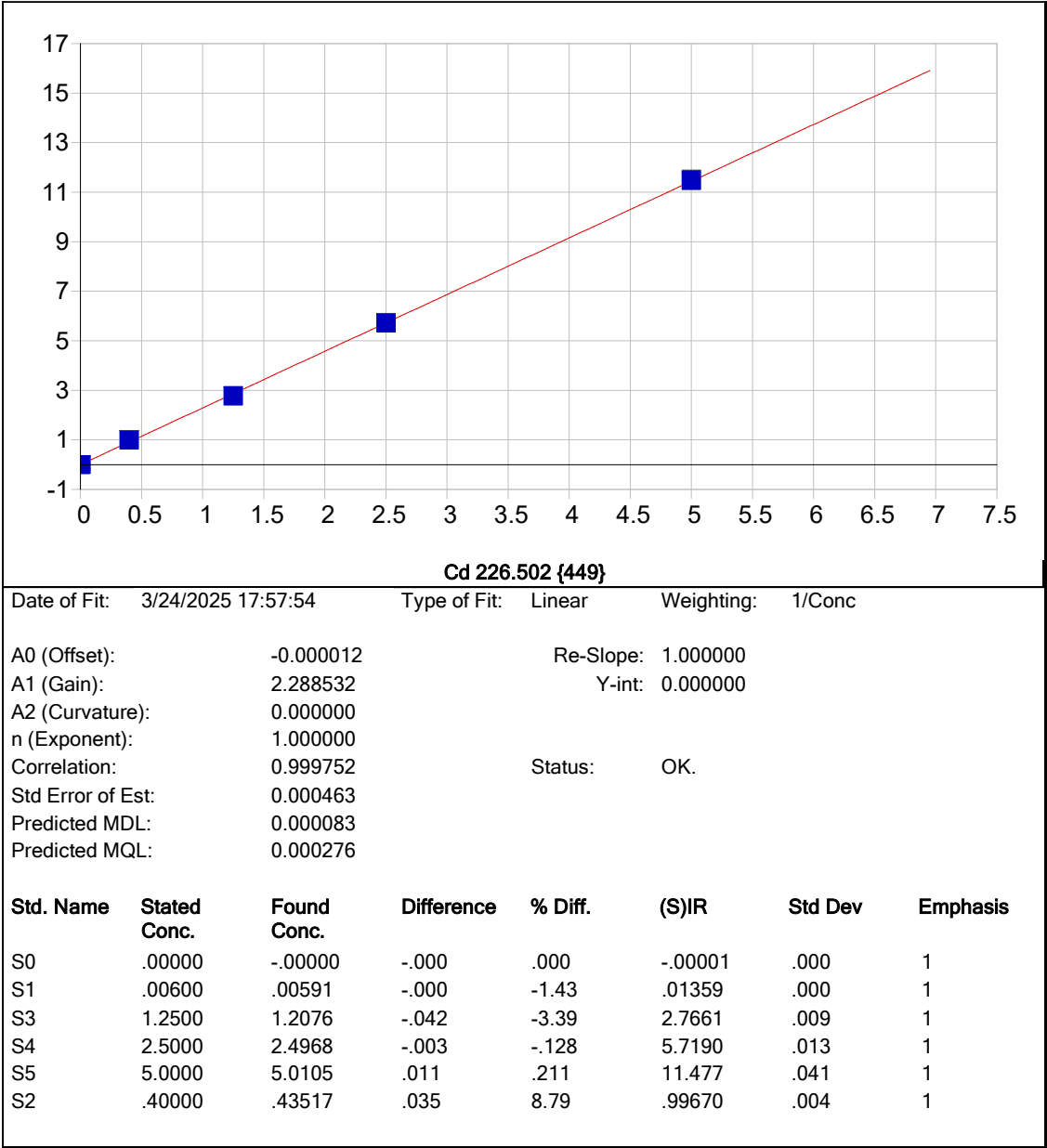
Be 234.861 {144}

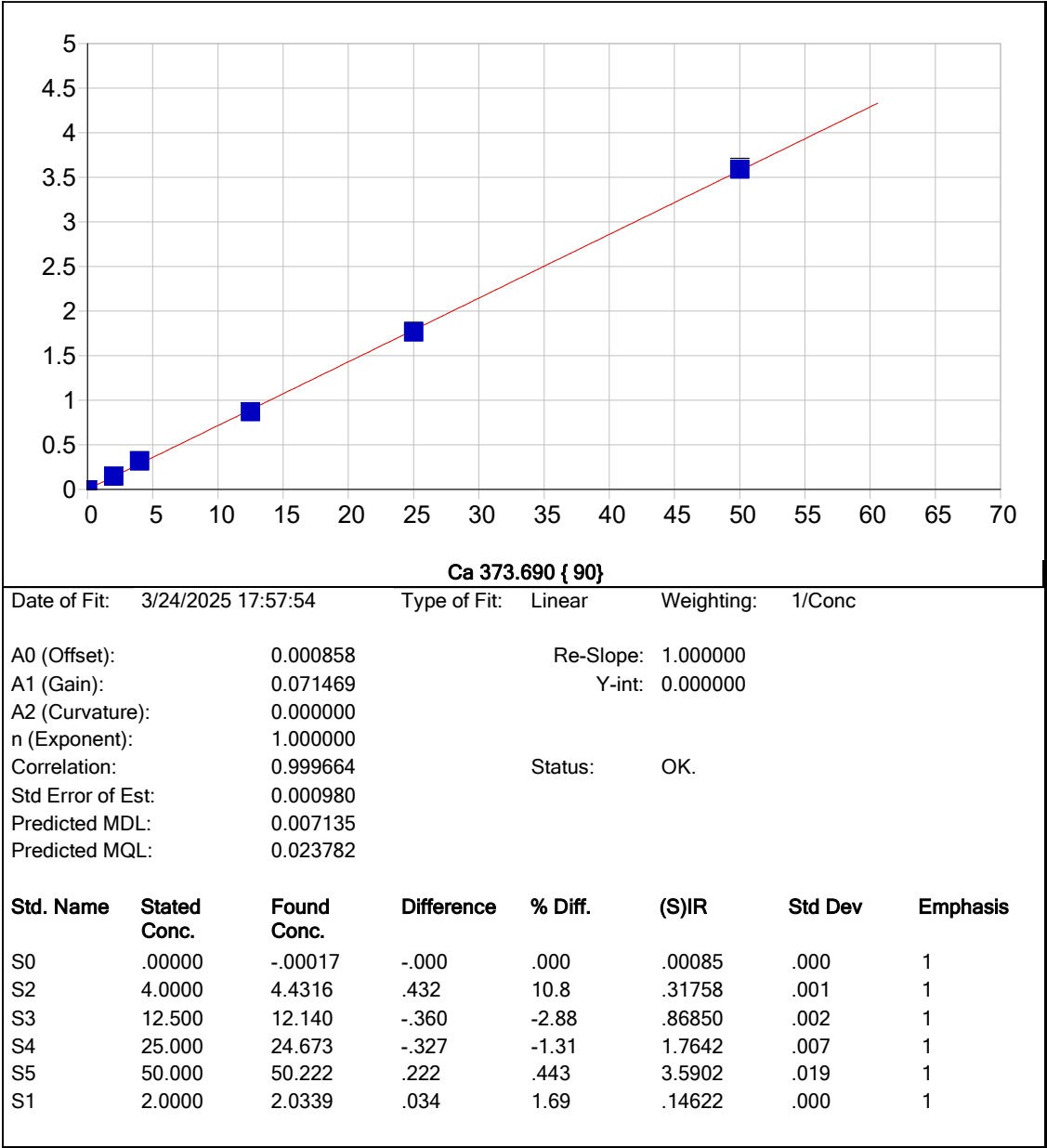
Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

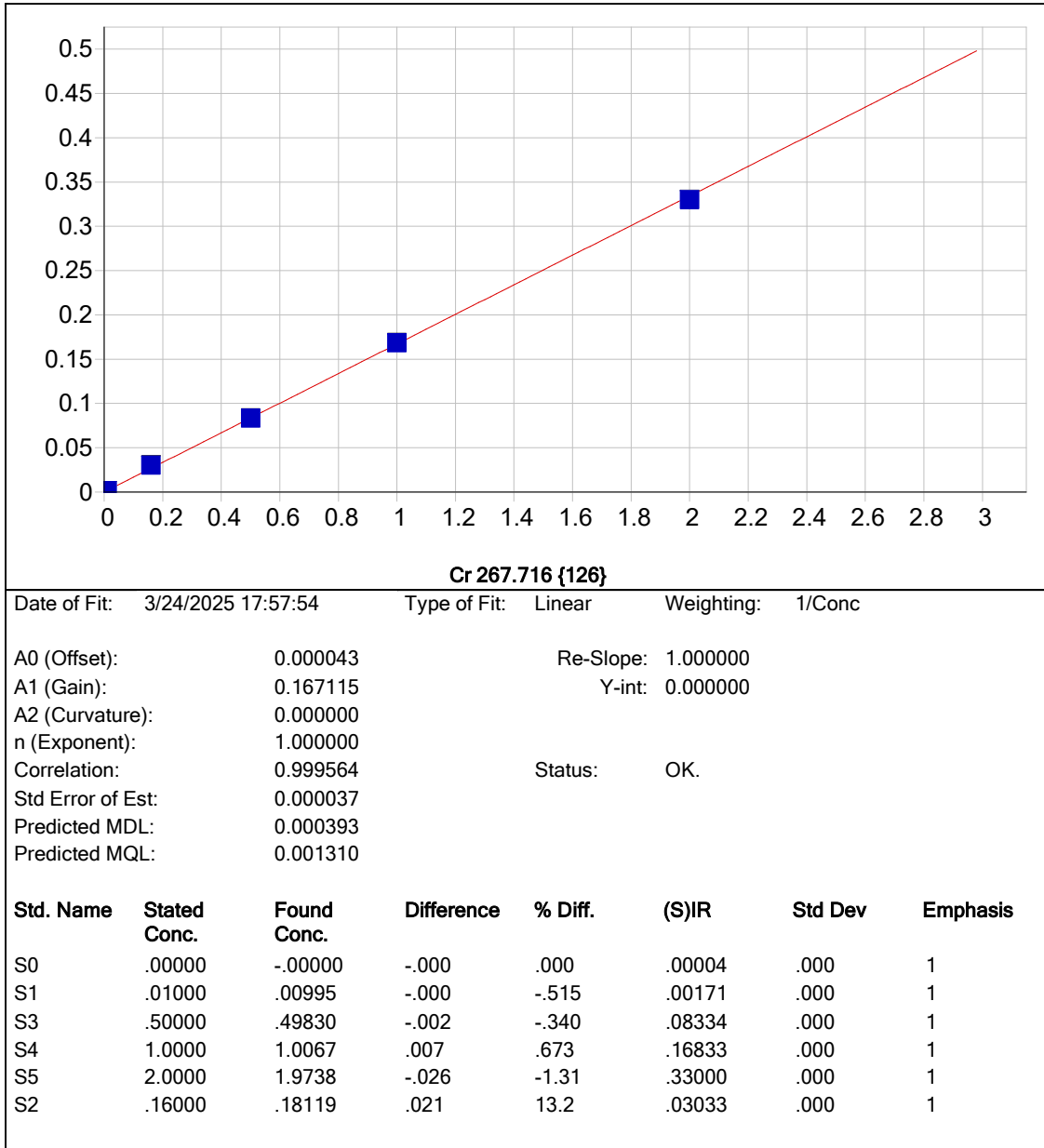
A0 (Offset): -0.000175 Re-Slope: 1.000000  
A1 (Gain): 3.814518 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999424 Status: OK.  
Std Error of Est: 0.000371  
Predicted MDL: 0.000069  
Predicted MQL: 0.000229

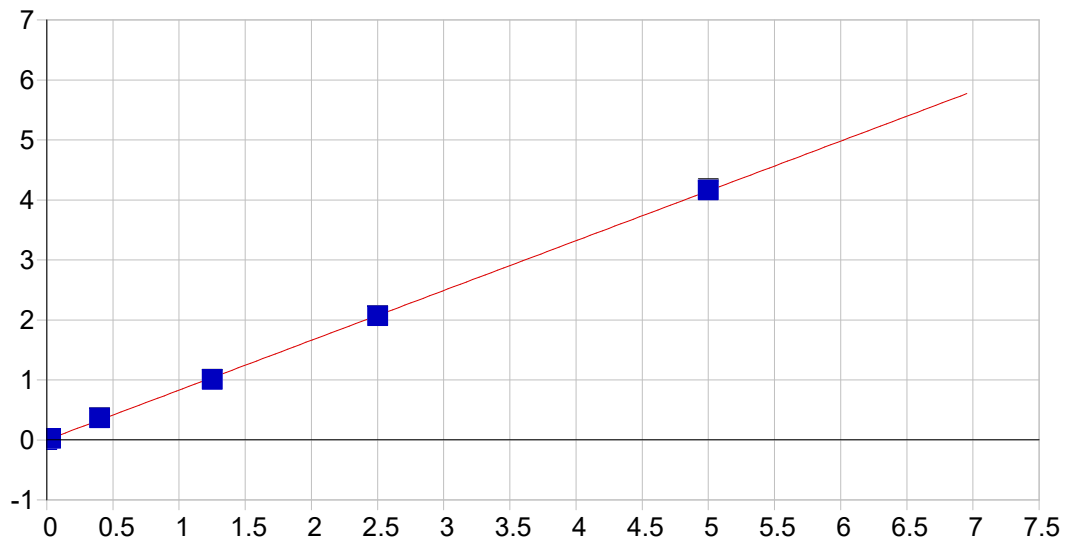
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00018 | .000    | 1        |
| S1        | .00600       | .00629      | .000       | 4.87    | .02366  | .000    | 1        |
| S3        | .12500       | .12441      | -.001      | -.469   | .47227  | .002    | 1        |
| S4        | .25000       | .24728      | -.003      | -1.09   | .93881  | .009    | 1        |
| S5        | .50000       | .49674      | -.003      | -.653   | 1.8861  | .011    | 1        |
| S2        | .04000       | .04628      | .006       | 15.7    | .17566  | .001    | 1        |









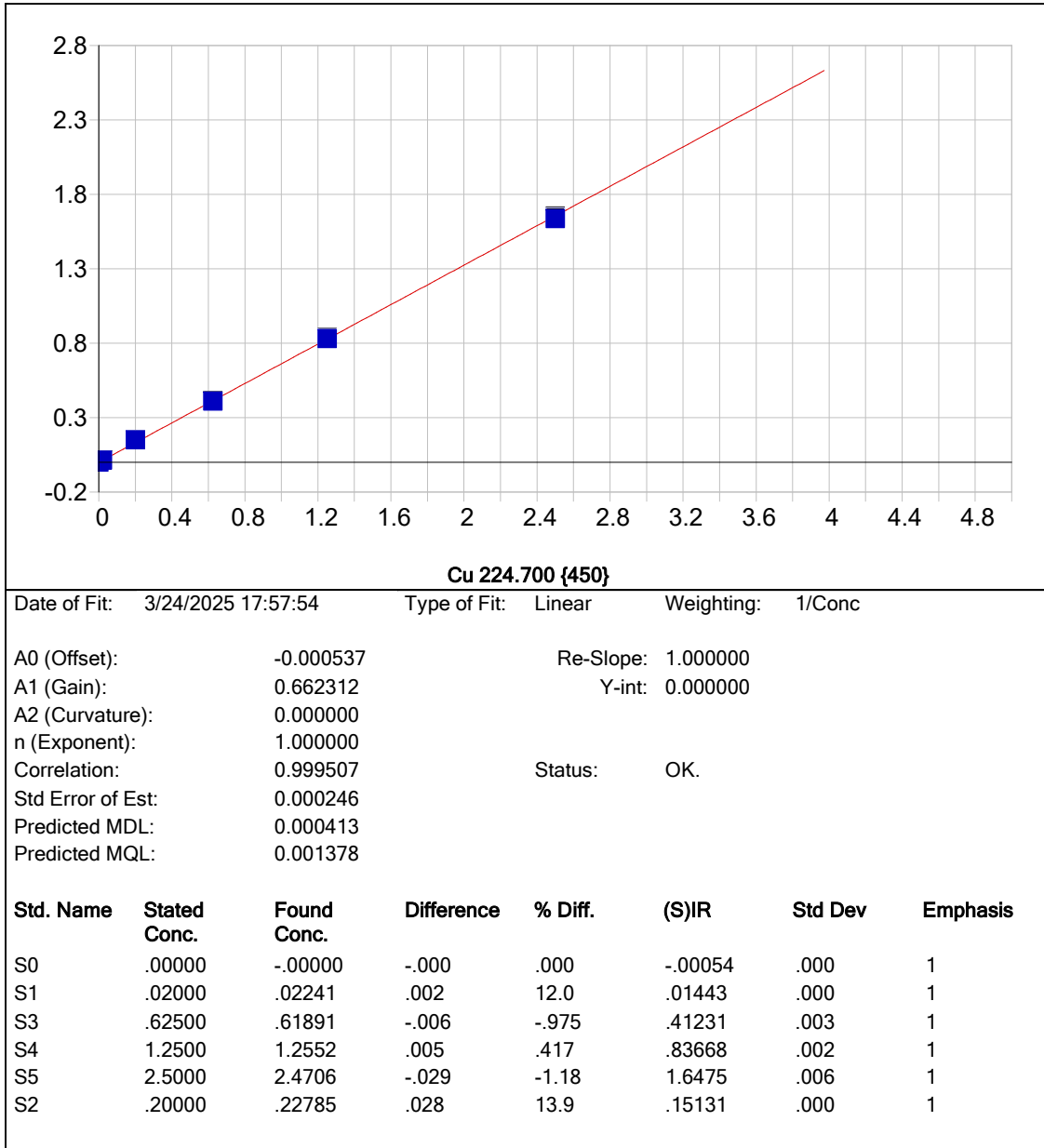


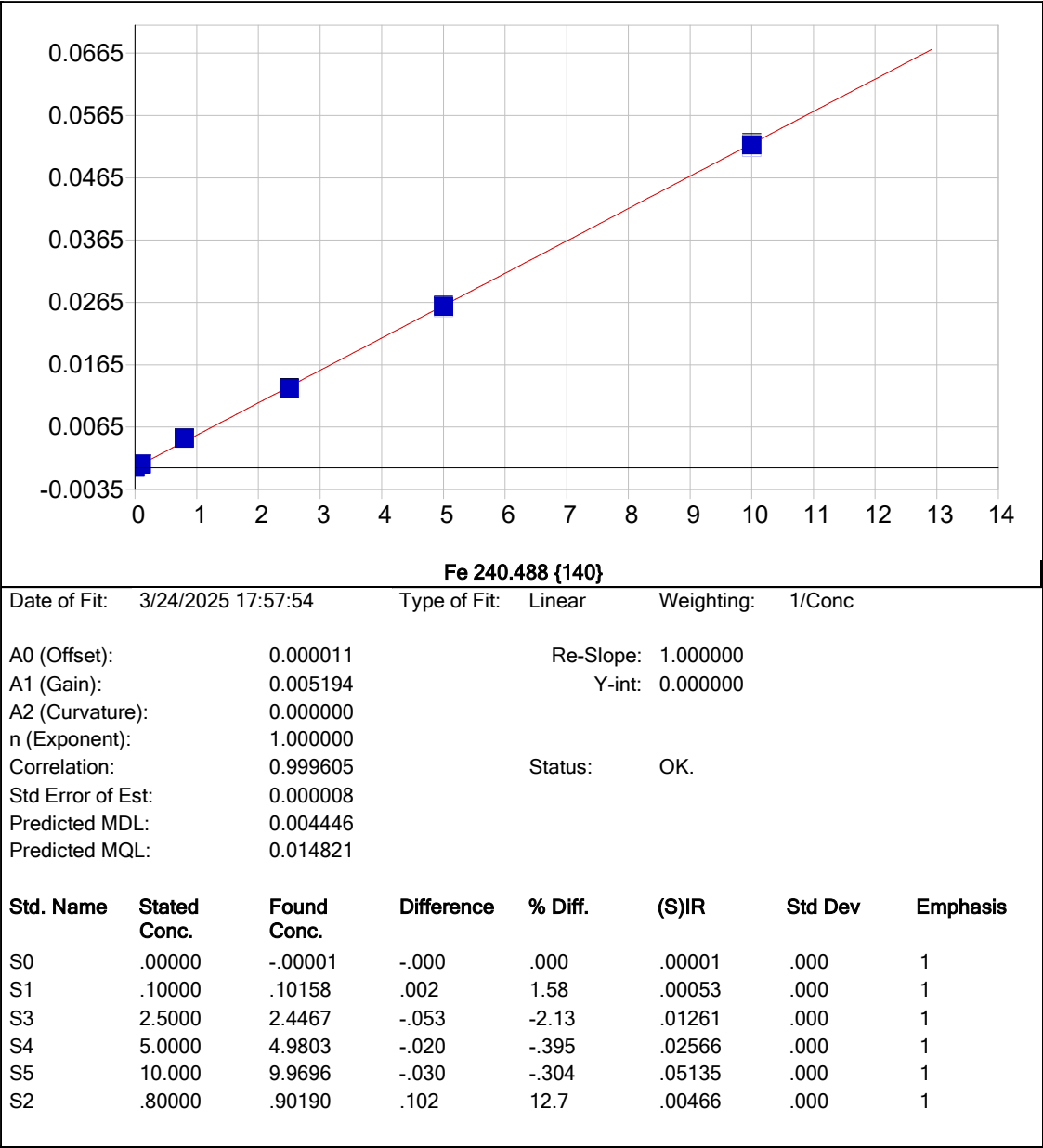
Co 228.616 {448}

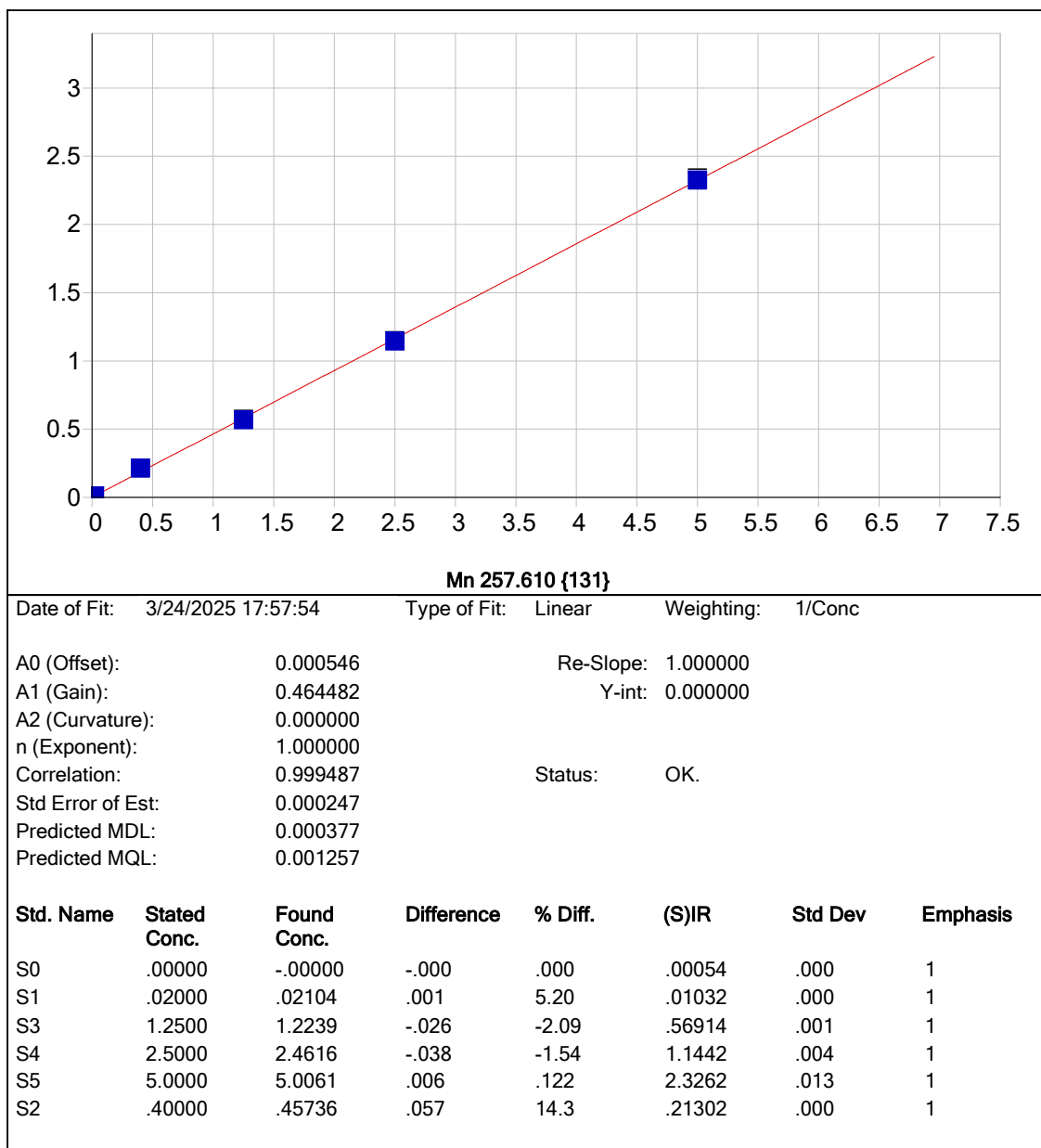
Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

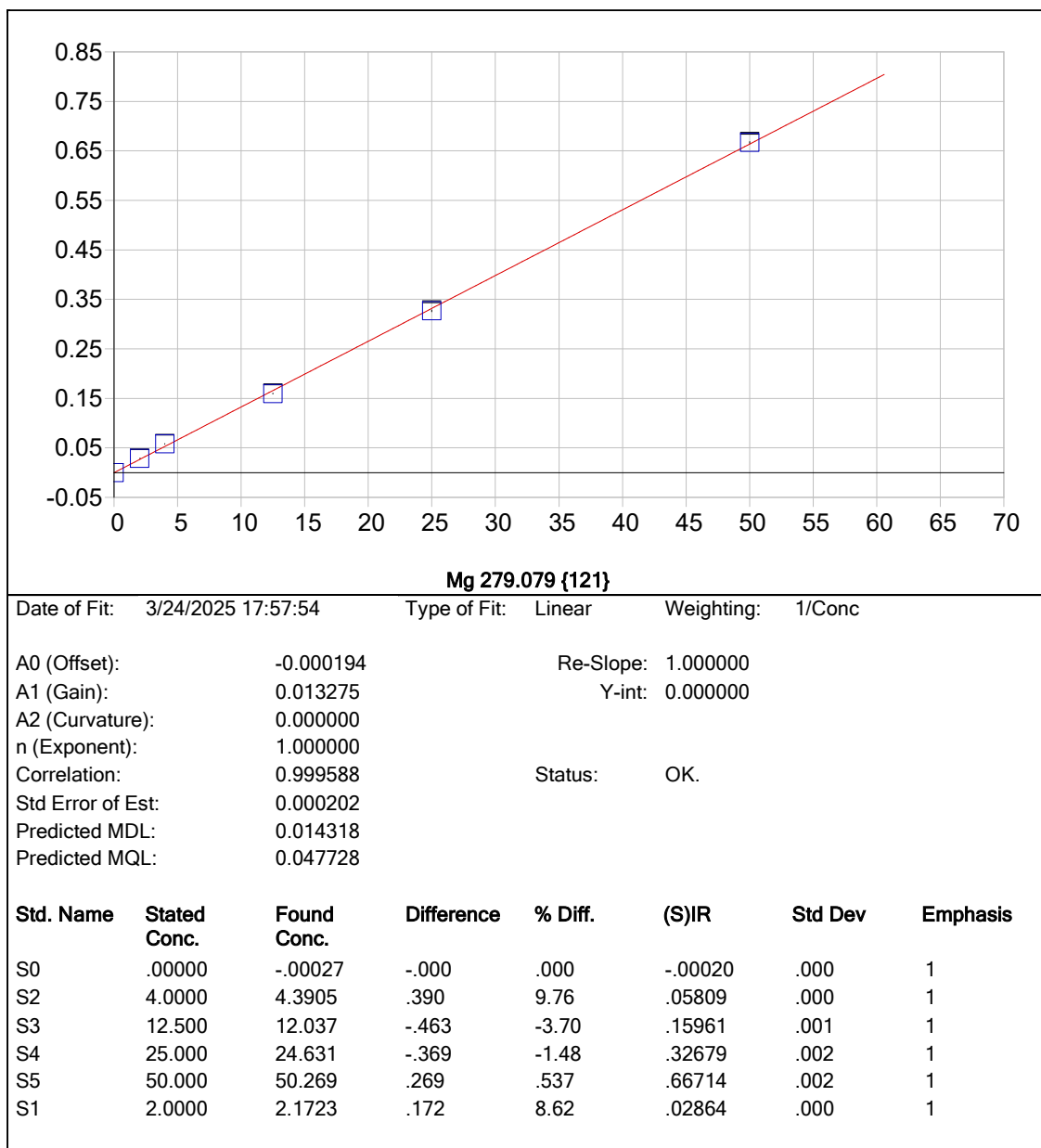
A0 (Offset): 0.000030 Re-Slope: 1.000000  
A1 (Gain): 0.829951 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999729 Status: OK.  
Std Error of Est: 0.000393  
Predicted MDL: 0.000242  
Predicted MQL: 0.000807

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .03000       | .02986      | -.000      | -.451   | .02471 | .000    | 1        |
| S3        | 1.2500       | 1.2096      | -.040      | -3.23   | 1.0057 | .002    | 1        |
| S4        | 2.5000       | 2.4879      | -.012      | -.485   | 2.0684 | .005    | 1        |
| S5        | 5.0000       | 5.0148      | .015       | .296    | 4.1691 | .015    | 1        |
| S2        | .40000       | .43785      | .038       | 9.46    | .36398 | .001    | 1        |

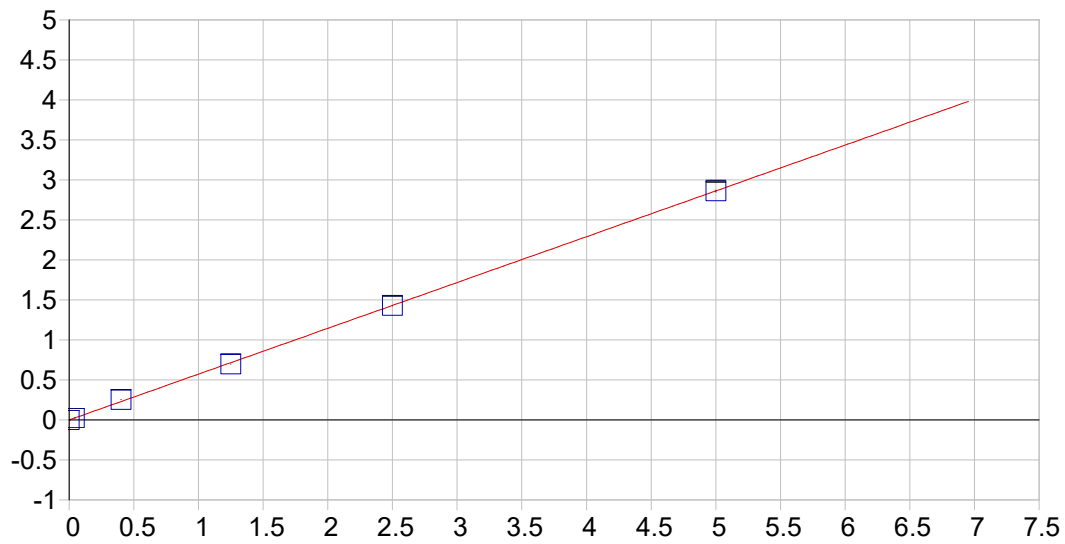










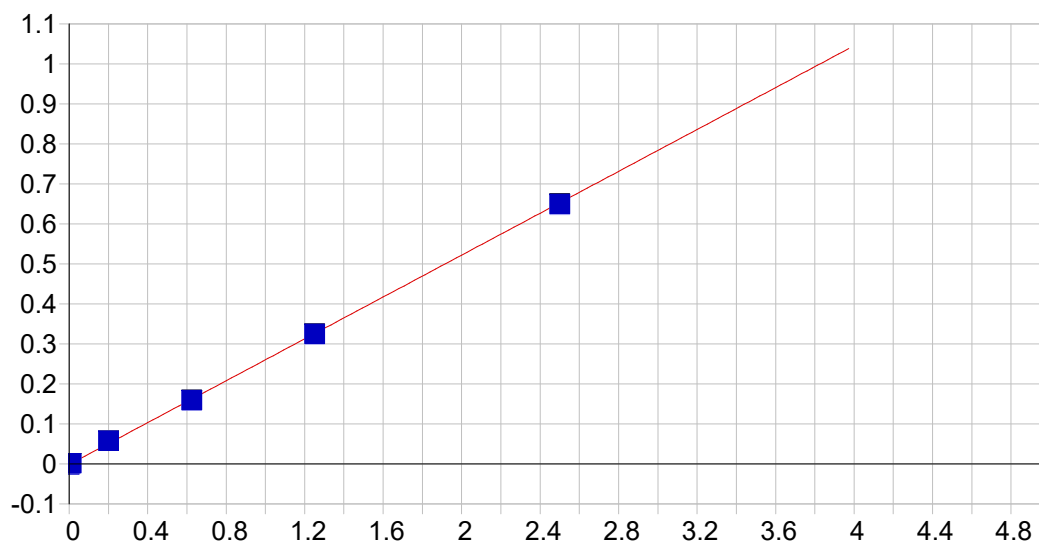


Ni 231.604 {446}

Date of Fit: 3/24/2025 17:57:54      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000219 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.572615  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999707  | Status:   | OK.      |
| Std Error of Est: | 0.000325  |           |          |
| Predicted MDL:    | 0.000329  |           |          |
| Predicted MQL:    | 0.001096  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00022 | .000    | 1        |
| S1        | .04000       | .04019      | .000       | .487    | .02280  | .000    | 1        |
| S3        | 1.2500       | 1.2167      | -.033      | -2.67   | .69647  | .002    | 1        |
| S4        | 2.5000       | 2.4967      | -.003      | -.131   | 1.4294  | .004    | 1        |
| S5        | 5.0000       | 4.9941      | -.006      | -.119   | 2.8595  | .011    | 1        |
| S2        | .40000       | .44235      | .042       | 10.6    | .25308  | .001    | 1        |

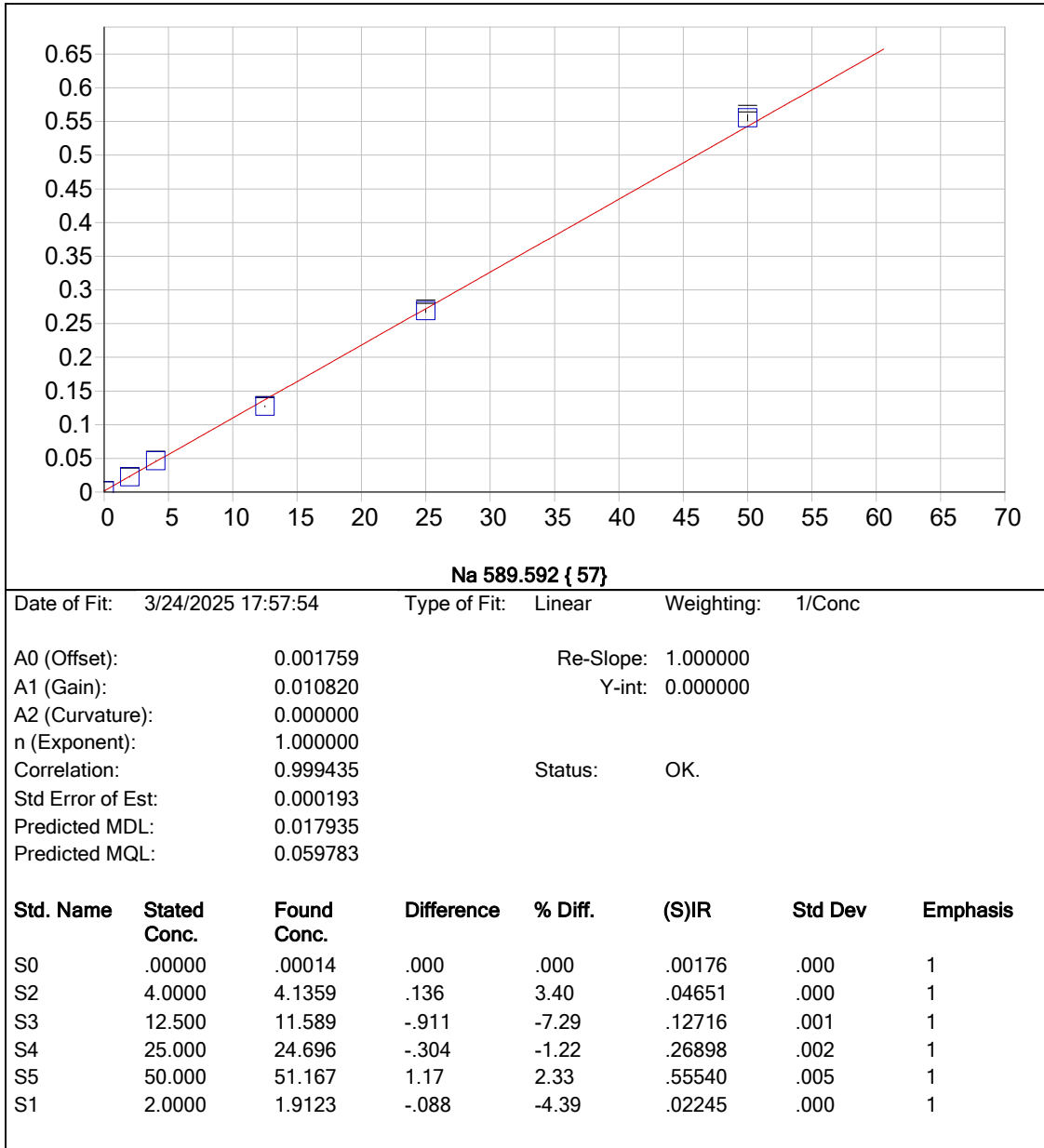


Ag 328.068 {103}

Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

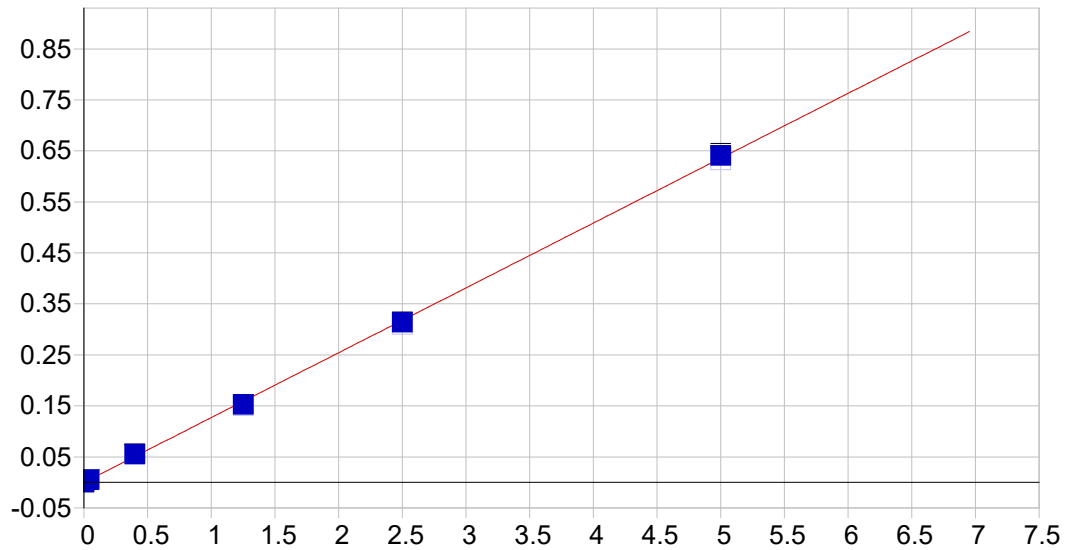
A0 (Offset): -0.001497 Re-Slope: 1.000000  
A1 (Gain): 0.261729 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999583 Status: OK.  
Std Error of Est: 0.000062  
Predicted MDL: 0.000365  
Predicted MQL: 0.001215

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00150 | .000    | 1        |
| S1        | .01000       | .01046      | .000       | 4.58    | .00122  | .000    | 1        |
| S3        | .62500       | .61388      | -.011      | -1.78   | .15852  | .000    | 1        |
| S4        | 1.2500       | 1.2458      | -.004      | -.333   | .32327  | .000    | 1        |
| S5        | 2.5000       | 2.4884      | -.012      | -.466   | .64718  | .000    | 1        |
| S2        | .20000       | .22648      | .026       | 13.2    | .05757  | .000    | 1        |



Date of Fit: 3/24/2025 17:57:54      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.001759      Re-Slope: 1.000000  
A1 (Gain): 0.010820      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999435      Status: OK.  
Std Error of Est: 0.000193  
Predicted MDL: 0.017935  
Predicted MQL: 0.059783

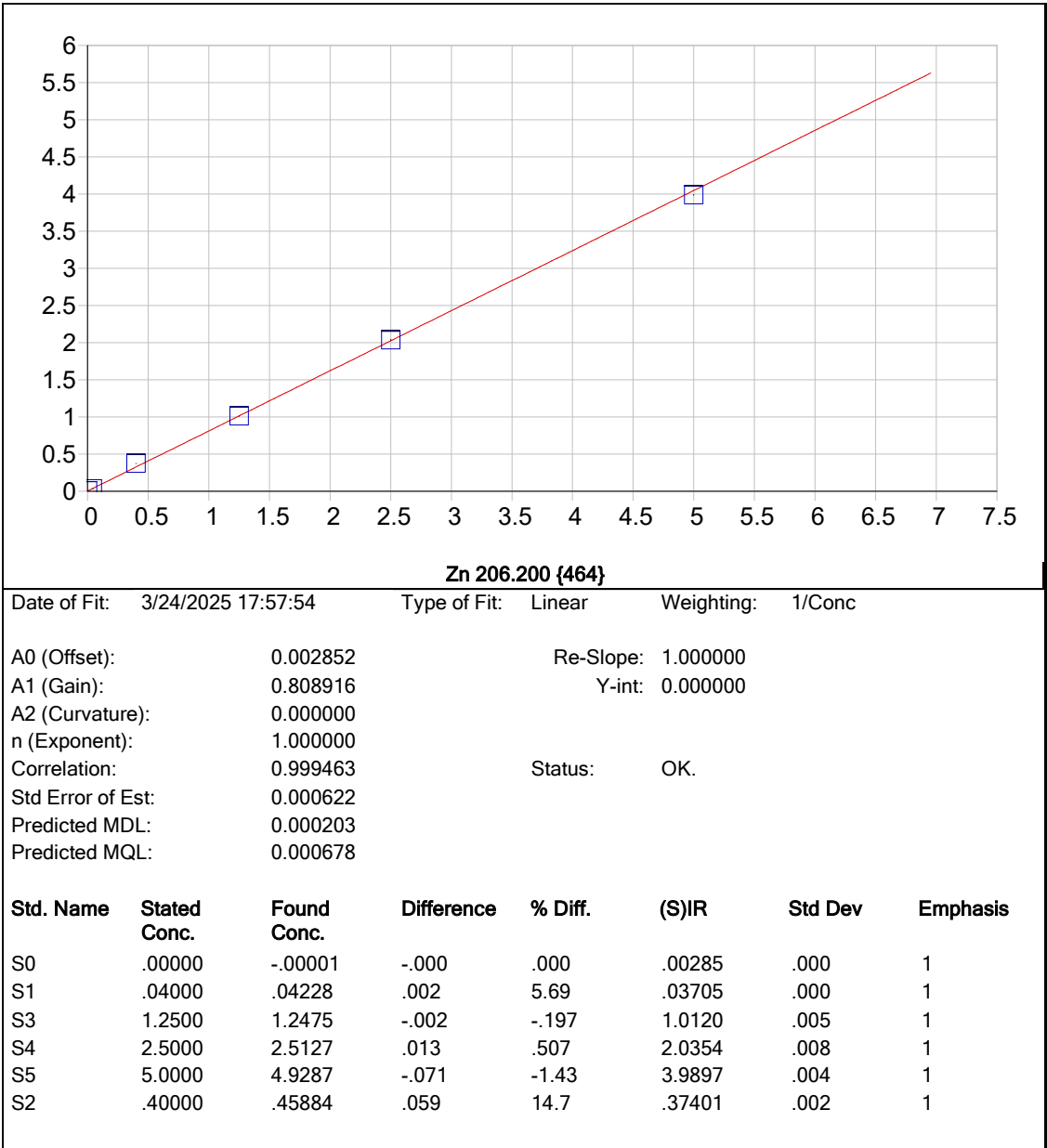


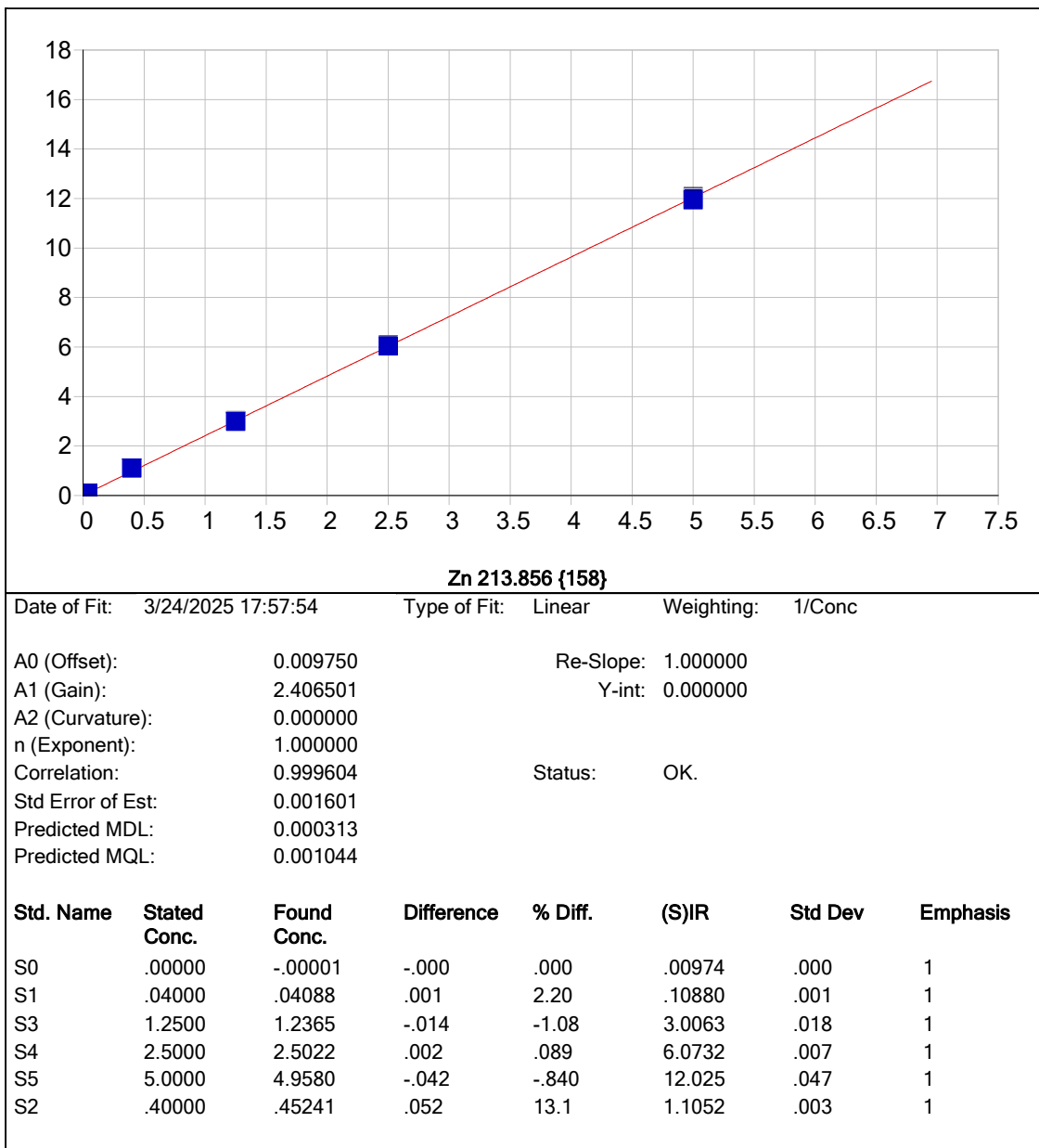
V 292.402 {115}

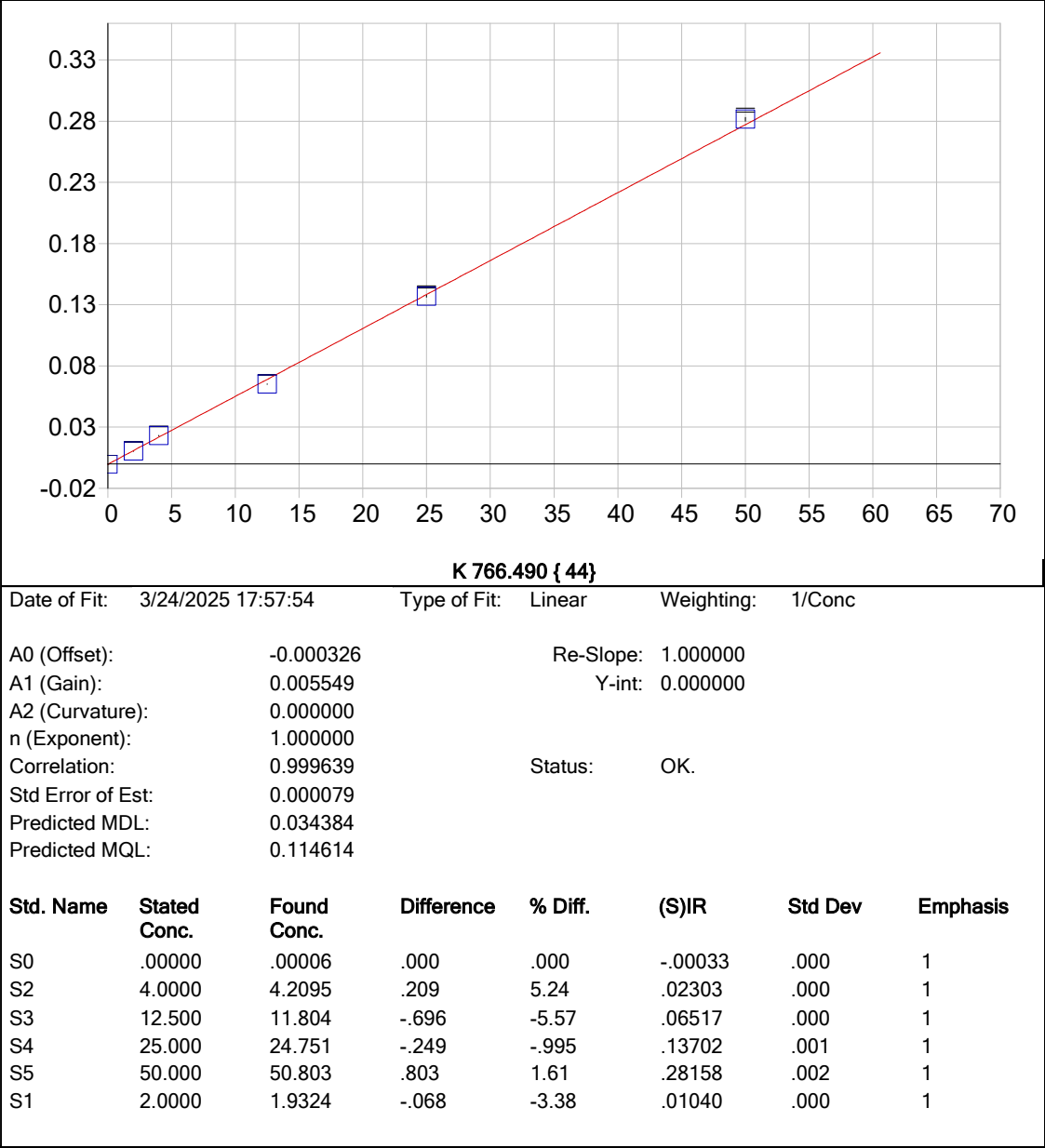
Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

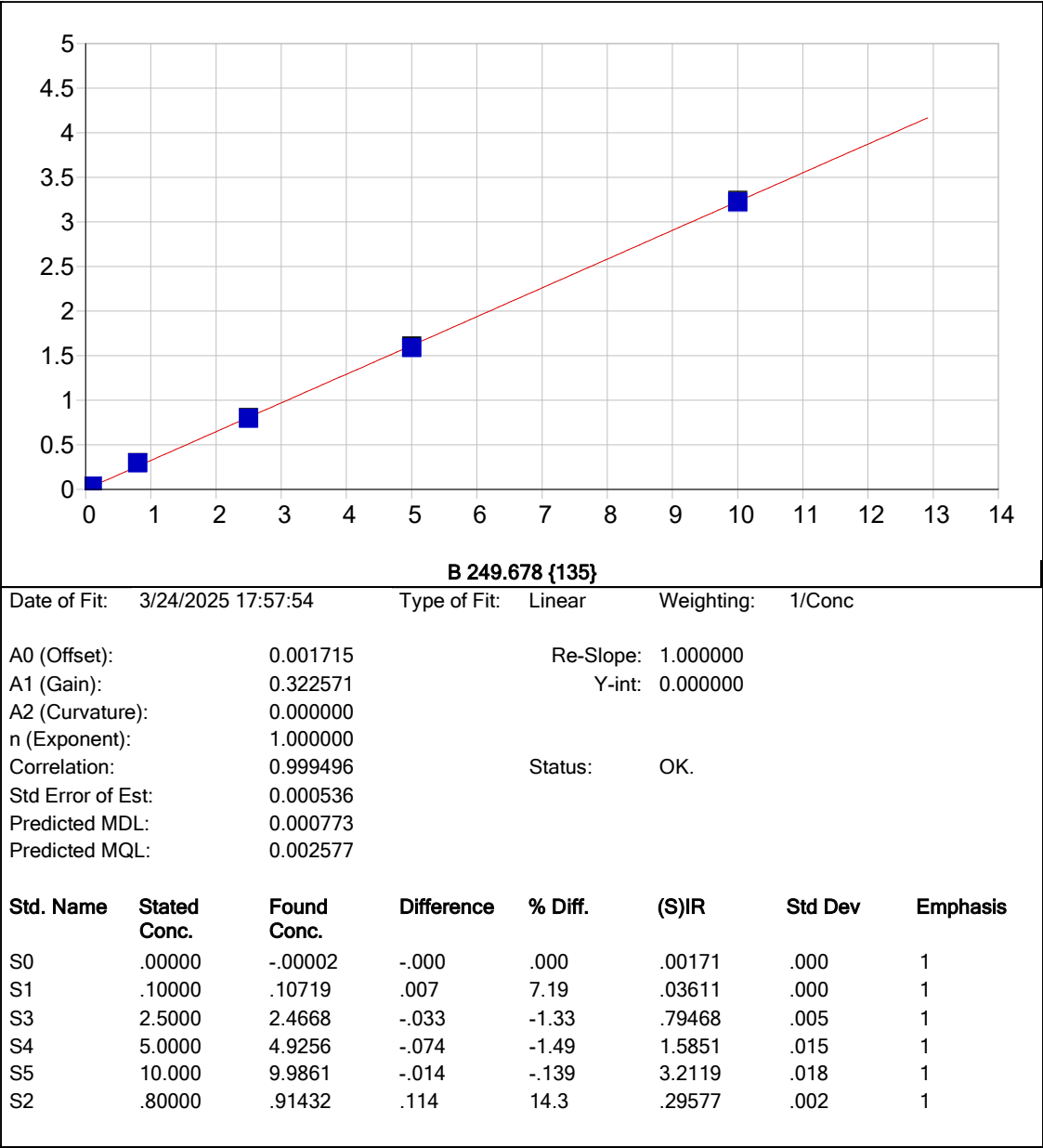
A0 (Offset): -0.000050 Re-Slope: 1.000000  
A1 (Gain): 0.127140 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999667 Status: OK.  
Std Error of Est: 0.000076  
Predicted MDL: 0.001670  
Predicted MQL: 0.005567

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00005 | .000    | 1        |
| S1        | .04000       | .04139      | .001       | 3.46    | .00502  | .000    | 1        |
| S3        | 1.2500       | 1.1995      | -.050      | -4.04   | .15014  | .000    | 1        |
| S4        | 2.5000       | 2.4714      | -.029      | -1.14   | .30953  | .001    | 1        |
| S5        | 5.0000       | 5.0420      | .042       | .840    | .63172  | .004    | 1        |
| S2        | .40000       | .43569      | .036       | 8.92    | .05460  | .000    | 1        |

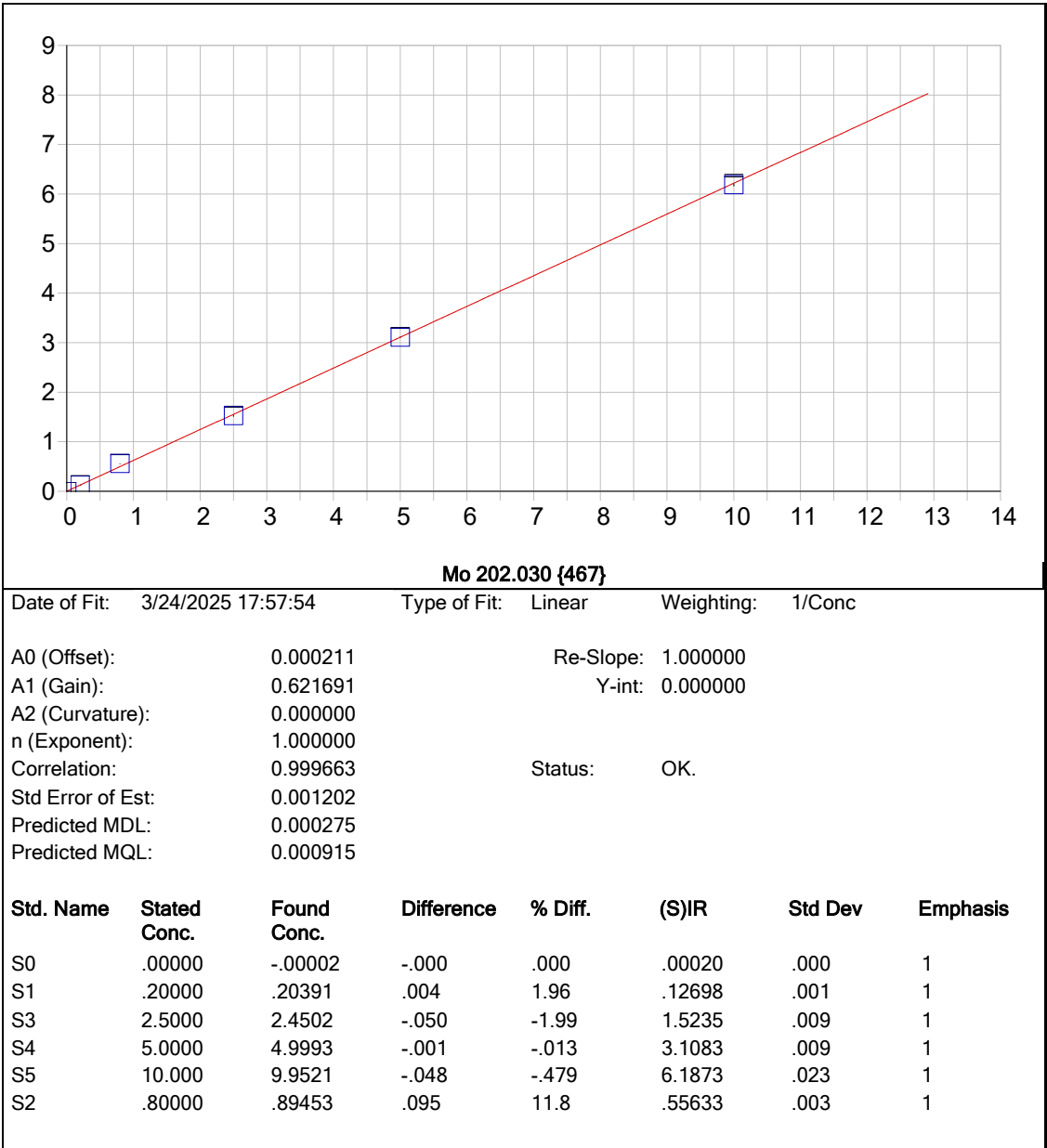


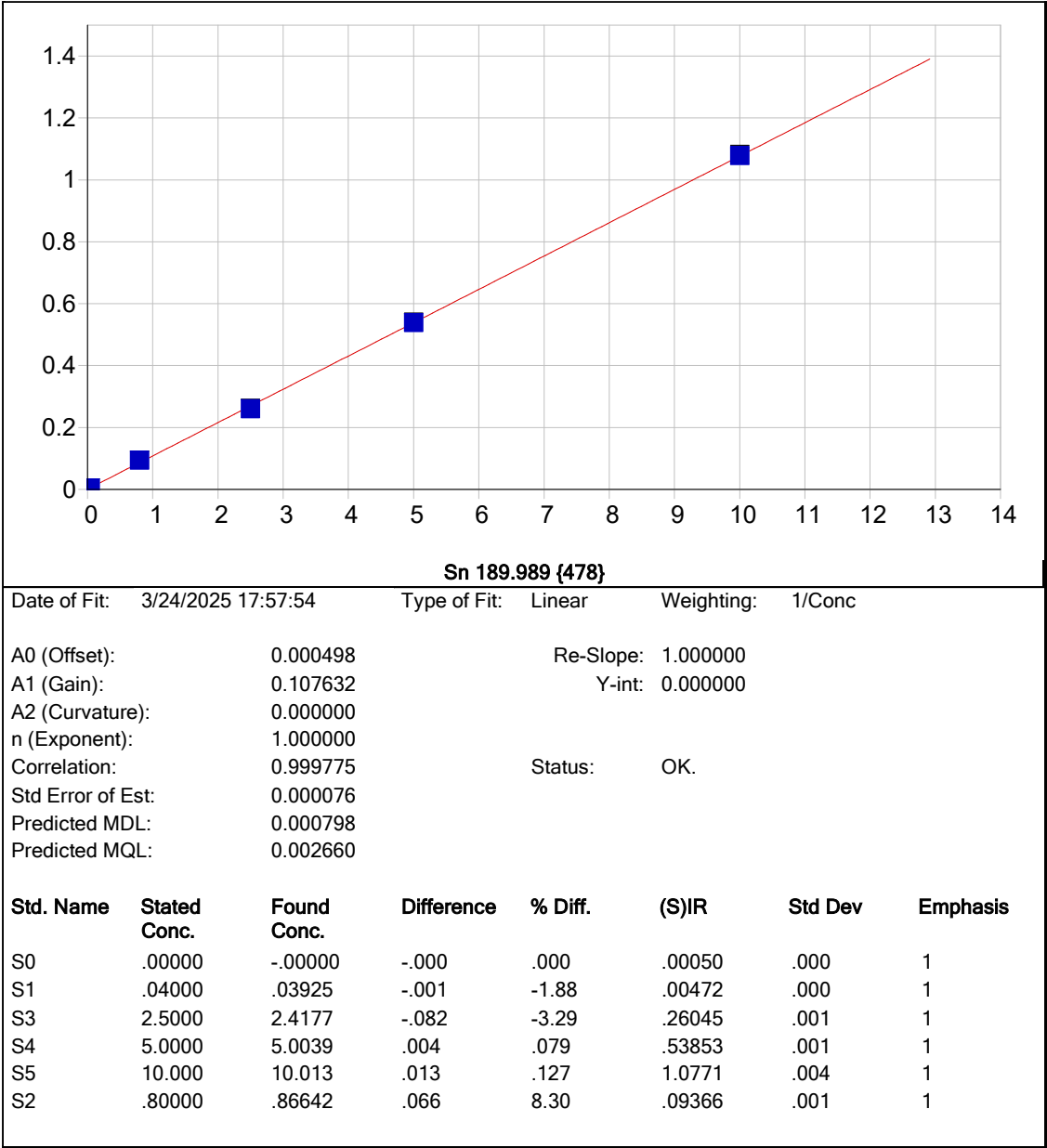






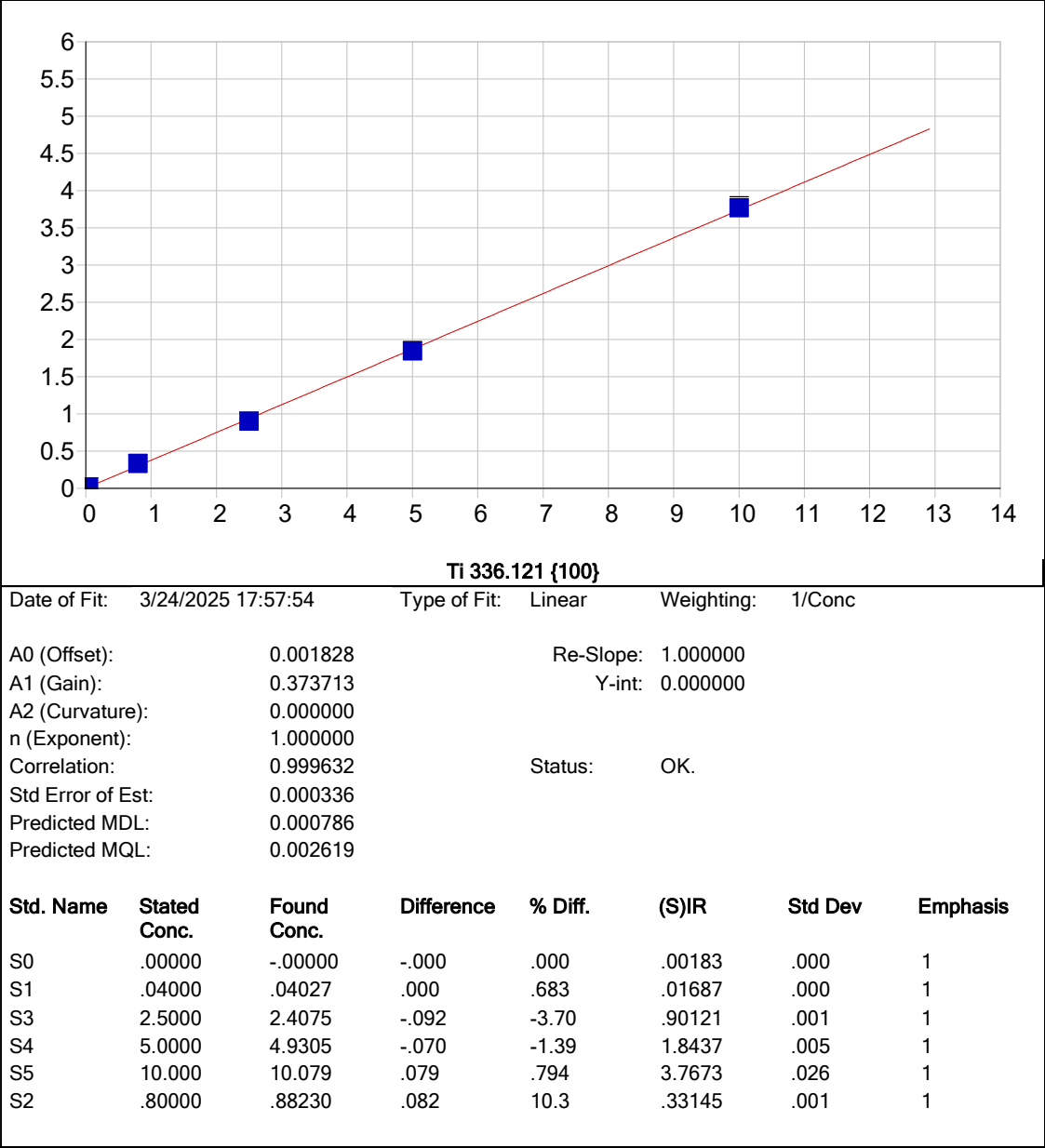


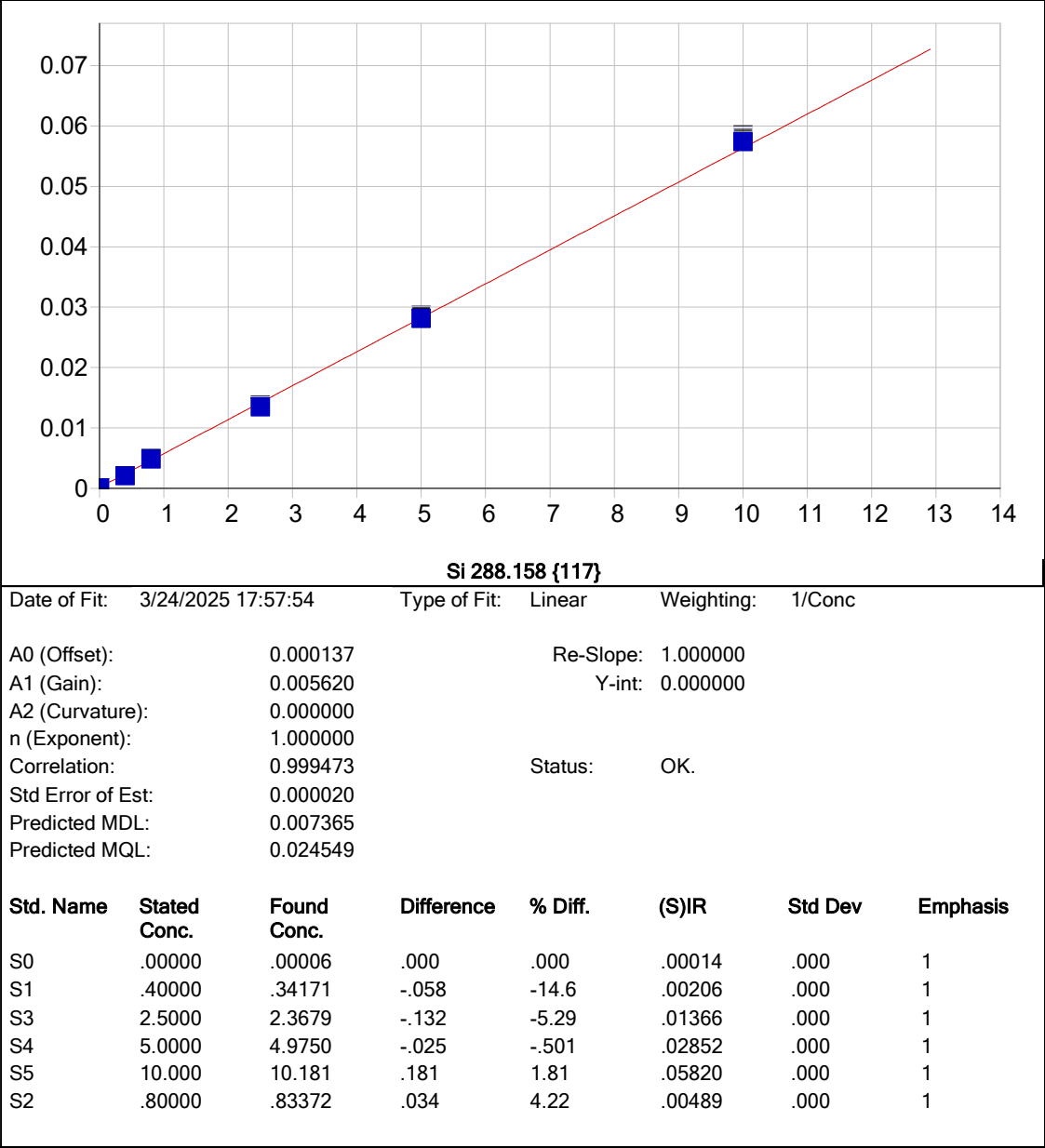


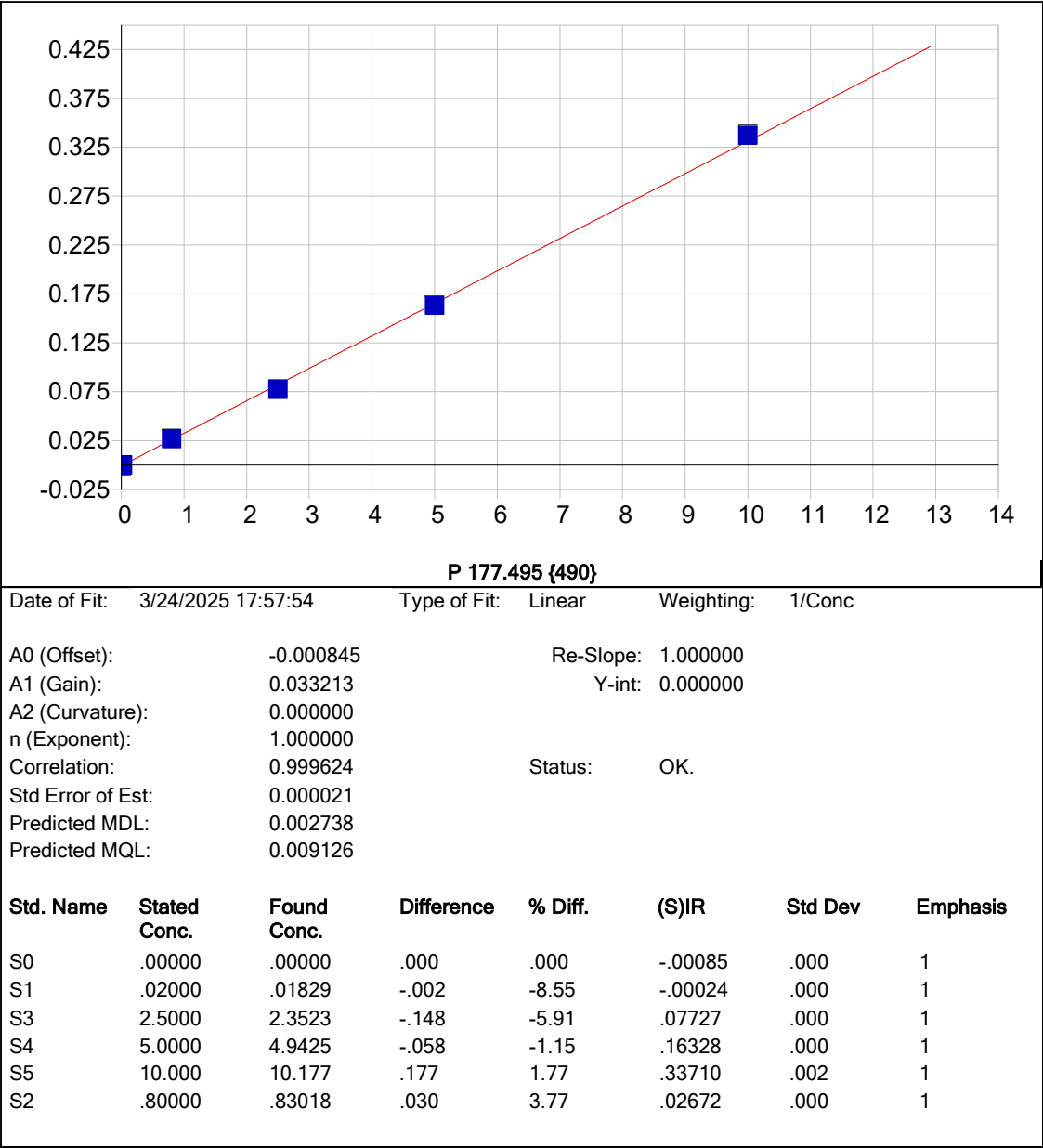


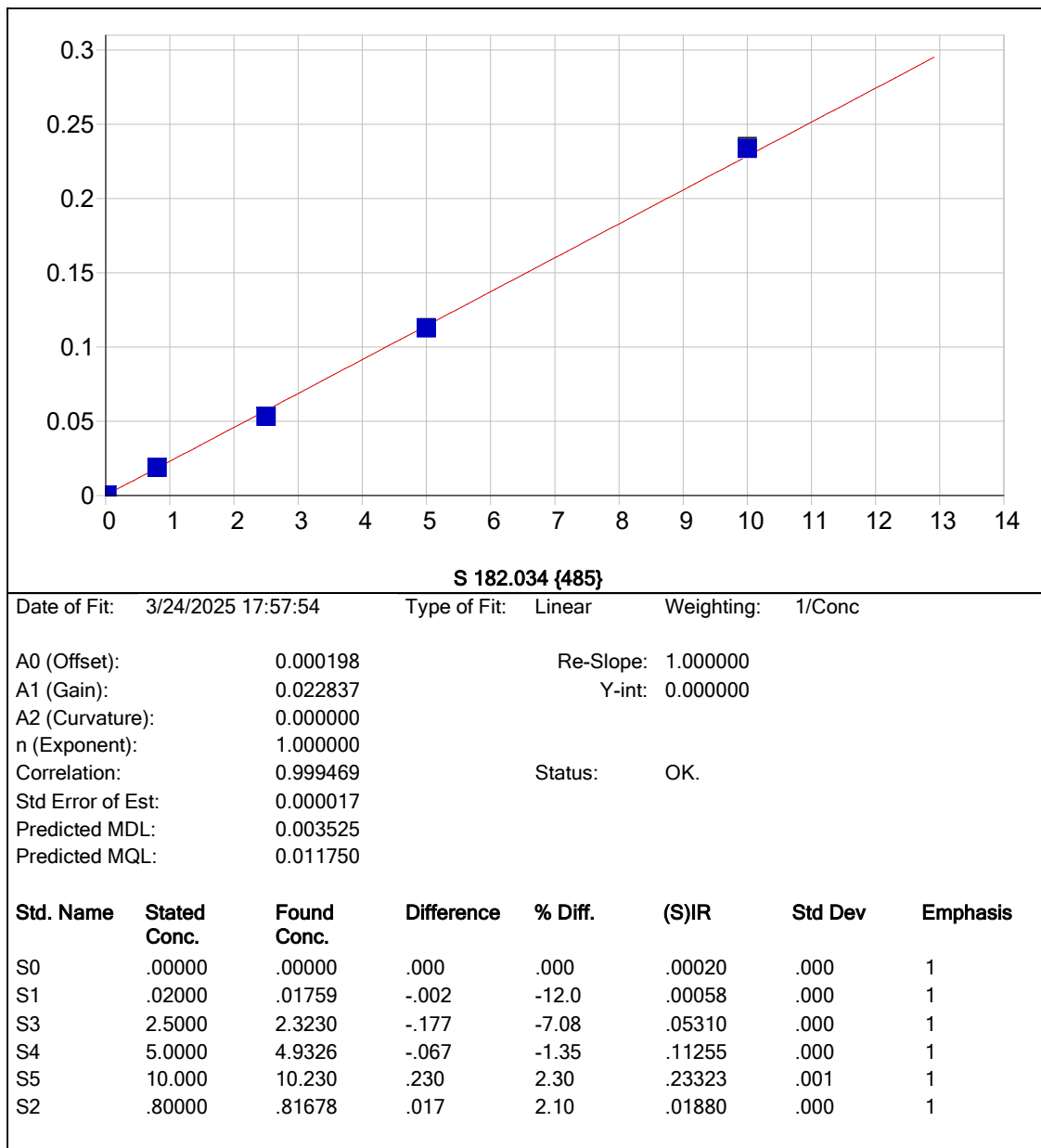
Date of Fit: 3/24/2025 17:57:54      Type of Fit: Linear      Weighting: 1/Conc

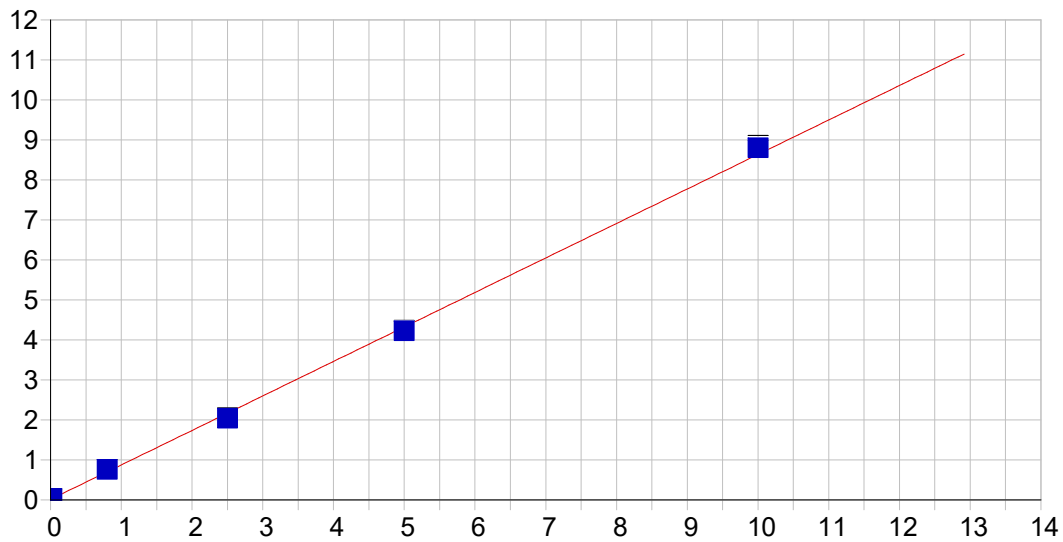
A0 (Offset): 0.000498      Re-Slope: 1.000000  
A1 (Gain): 0.107632      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999775      Status: OK.  
Std Error of Est: 0.000076  
Predicted MDL: 0.000798  
Predicted MQL: 0.002660









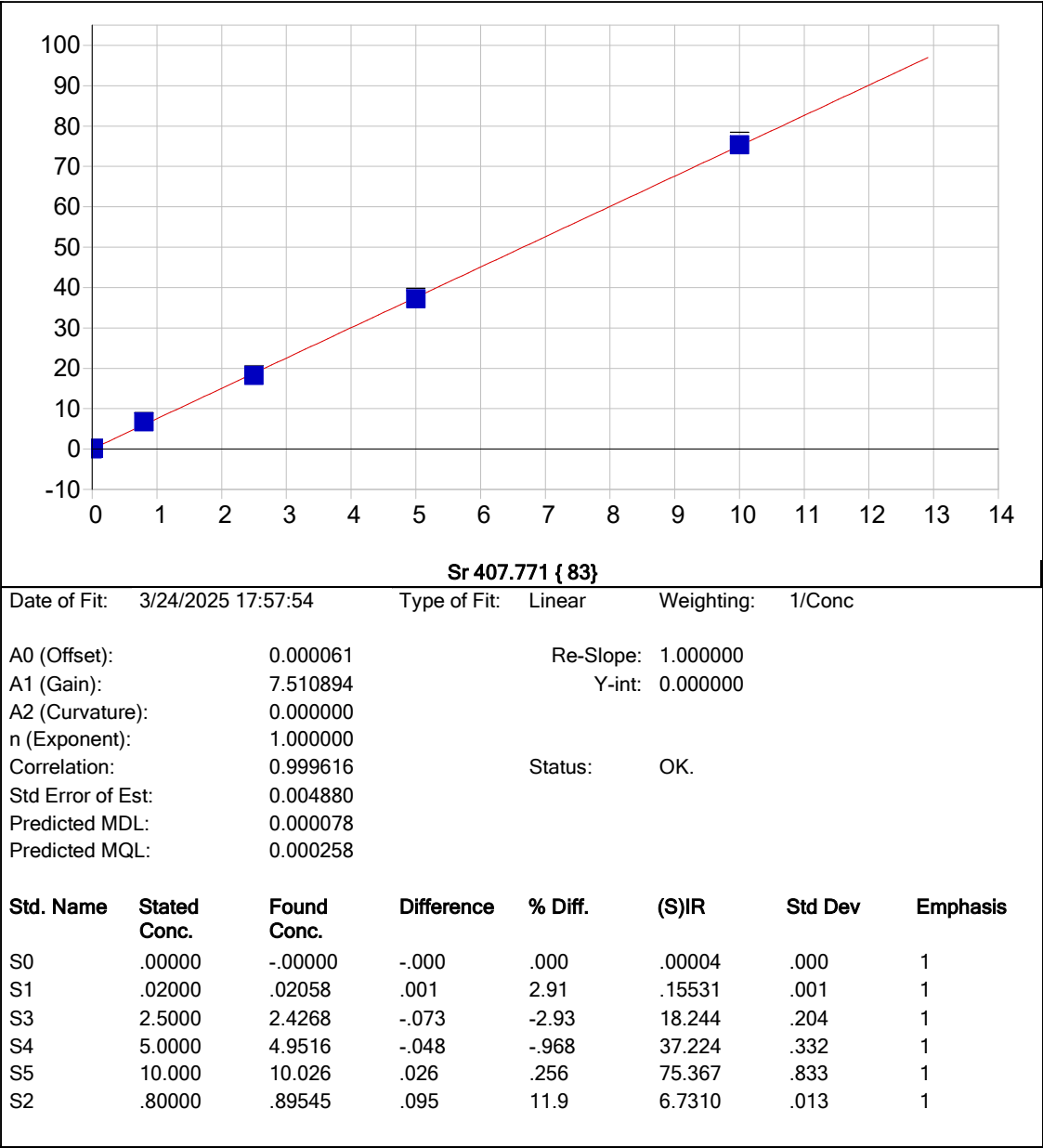


Li 670.784 { 50}

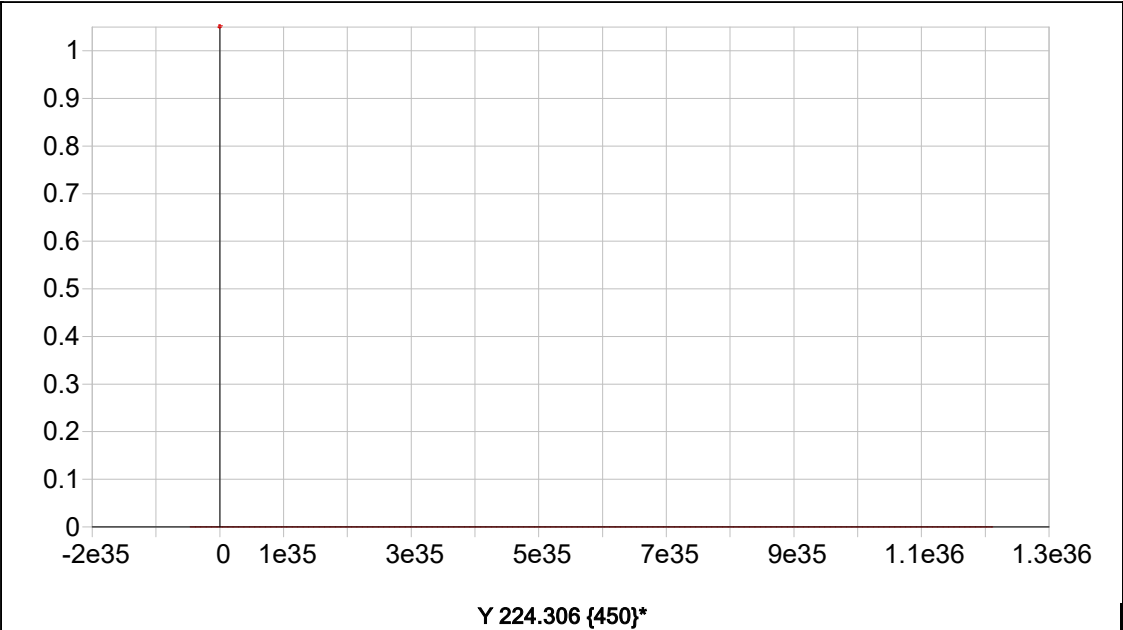
Date of Fit: 3/24/2025 17:57:54 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.012460 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.862316 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999441 | Status:   | OK.      |
| Std Error of Est: | 0.000676 |           |          |
| Predicted MDL:    | 0.001673 |           |          |
| Predicted MQL:    | 0.005577 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01246 | .000    | 1        |
| S5        | 10.000       | 10.194      | .194       | 1.94    | 8.8070 | .061    | 1        |
| S4        | 5.0000       | 4.8876      | -.112      | -2.25   | 4.2293 | .015    | 1        |
| S3        | 2.5000       | 2.3531      | -.147      | -5.88   | 2.0426 | .004    | 1        |
| S1        | .02000       | .01894      | -.001      | -5.30   | .02907 | .001    | 1        |
| S2        | .80000       | .86668      | .067       | 8.34    | .76016 | .001    | 1        |



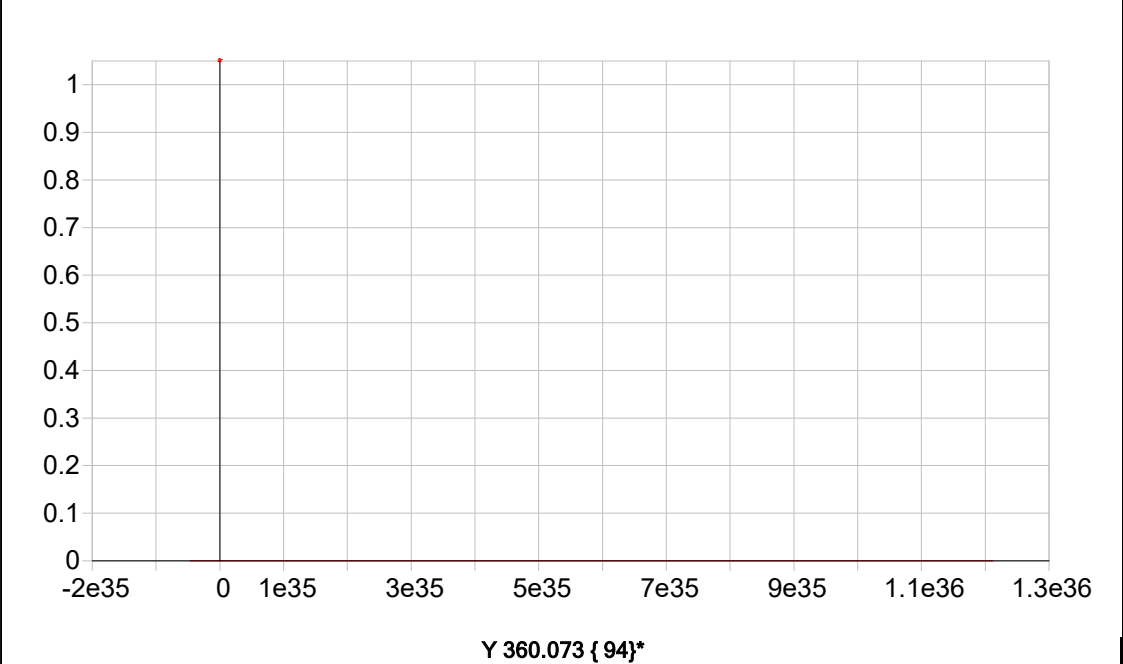




Date of Fit: 3/24/2025 17:57:54      Type of Fit: Linear      Weighting: 1/Conc

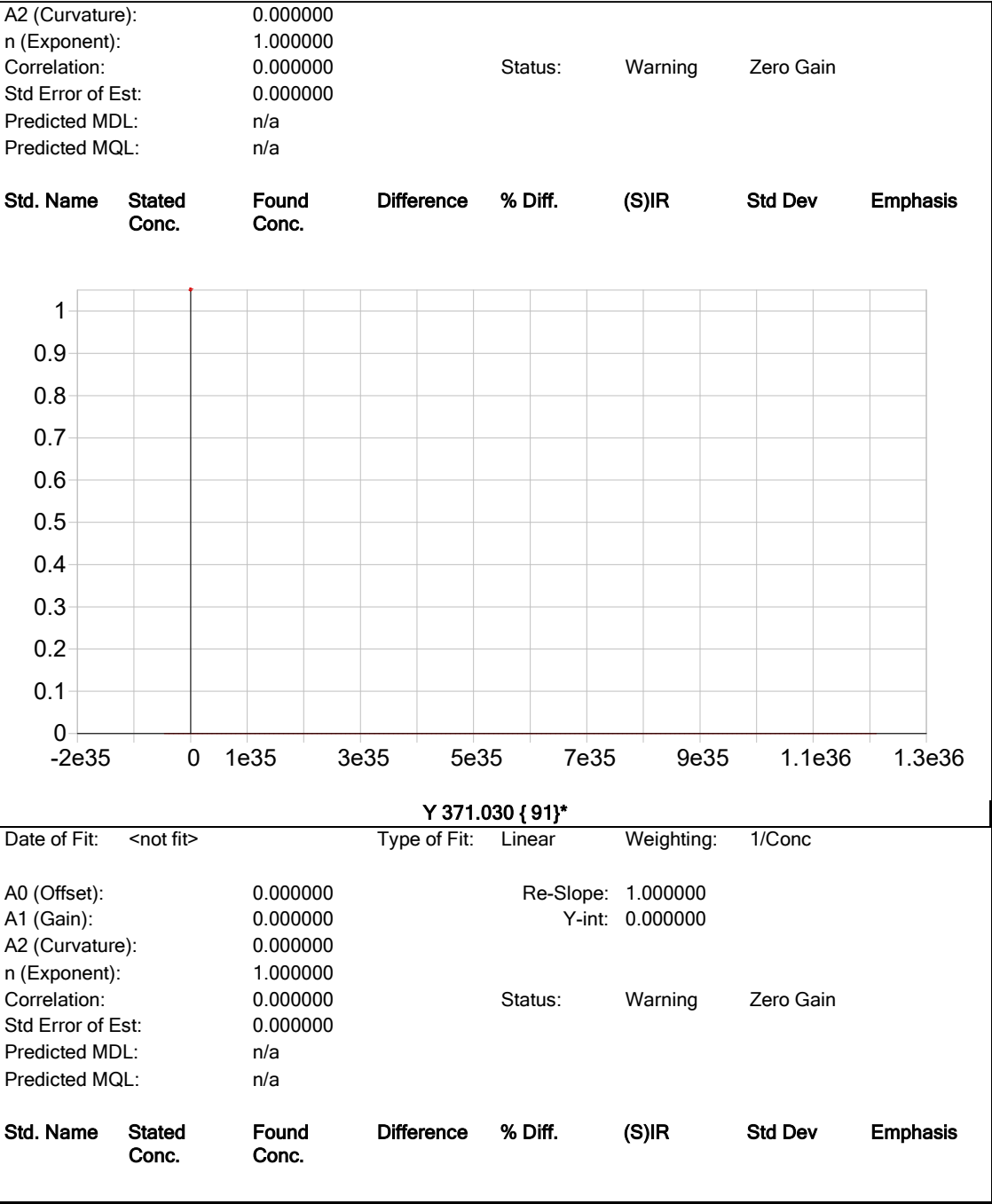
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 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      |           |                        |

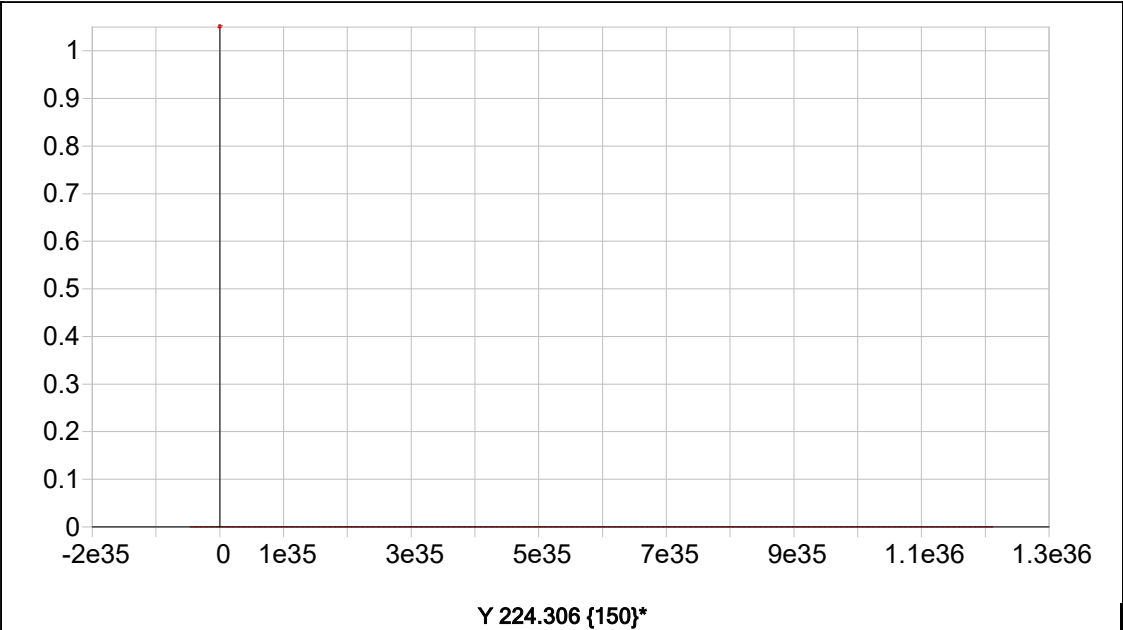
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



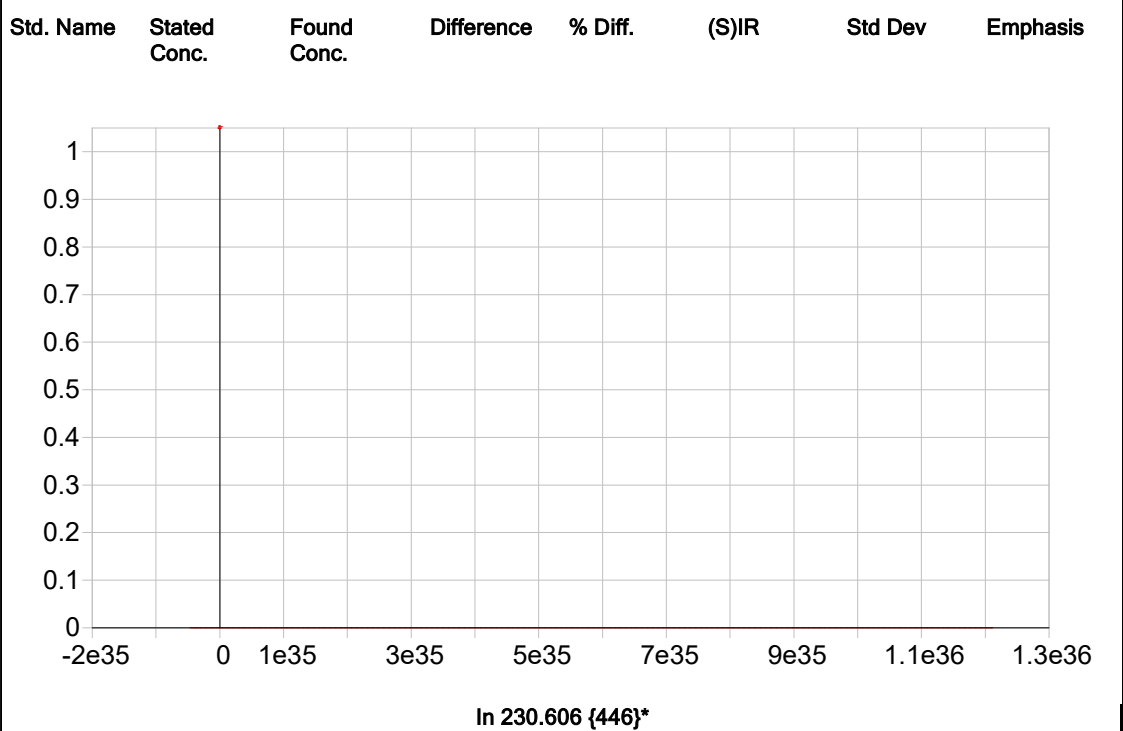
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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



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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| Std Error of Est: |              | 0.000000    |            |         |         |           |          |
| Predicted MDL:    |              | n/a         |            |         |         |           |          |
| Predicted MQL:    |              | n/a         |            |         |         |           |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev   | Emphasis |

Sample Name: S0      Acquired: 3/24/2025 10:01:24      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | -.00001 | -.00003 | -.00035 | .00025  | .00062  | -.00011 | .05218  | -.00018 |
| Stddev | .00003  | .00004  | .00001  | .00008  | .00014  | .00019  | .00086  | .00023  |
| %RSD   | 216.19  | 152.72  | 1.5350  | 31.136  | 22.862  | 172.82  | 1.6491  | 130.32  |
| #1     | -.00002 | -.00003 | -.00034 | .00025  | .00048  | -.00011 | .05290  | .00008  |
| #2     | -.00004 | -.00006 | -.00035 | .00033  | .00062  | -.00030 | .05123  | -.00025 |
| #3     | .00002  | .00002  | -.00035 | .00017  | .00077  | .00008  | .05240  | -.00037 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00001 | .00085  | .00004  | .00003  | -.00054 | .00001  | .00054  | -.00020 |
| Stddev | .00013  | .00012  | .00004  | .00006  | .00032  | .00001  | .00011  | .00015  |
| %RSD   | 1035.1  | 13.681  | 91.859  | 194.72  | 59.610  | 127.24  | 19.611  | 75.582  |
| #1     | .00012  | .00091  | .00002  | .00009  | -.00072 | .00003  | .00065  | -.00005 |
| #2     | -.00002 | .00092  | .00009  | -.00002 | -.00074 | .00000  | .00055  | -.00020 |
| #3     | -.00013 | .00071  | .00002  | .00002  | -.00017 | .00001  | .00044  | -.00035 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | B_2496  | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00022 | -.00150 | .00176  | -.00005 | .00974  | -.00033 | .00171  | .00020  |
| Stddev | .00008  | .00006  | .00001  | .00008  | .00033  | .00001  | .00011  | .00011  |
| %RSD   | 35.121  | 3.9003  | .64687  | 153.20  | 3.4318  | 3.4104  | 6.6325  | 57.172  |
| #1     | -.00031 | -.00143 | .00176  | -.00010 | .00952  | -.00033 | .00167  | .00013  |
| #2     | -.00020 | -.00155 | .00175  | .00004  | .01012  | -.00033 | .00184  | .00033  |
| #3     | -.00016 | -.00151 | .00177  | -.00009 | .00957  | -.00031 | .00162  | .00013  |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00050  | .00183  | .00014  | -.00085 | .00020  | .01246  | .00004  |         |
| Stddev | .00005  | .00030  | .00001  | .00004  | .00004  | .00009  | .00020  |         |
| %RSD   | 9.5246  | 16.632  | 9.6570  | 4.7445  | 21.782  | .73257  | 462.39  |         |
| #1     | .00053  | .00211  | .00015  | -.00080 | .00015  | .01255  | .00028  |         |
| #2     | .00044  | .00186  | .00012  | -.00088 | .00022  | .01237  | -.00009 |         |
| #3     | .00052  | .00151  | .00014  | -.00085 | .00023  | .01246  | -.00006 |         |

Sample Name: S0      Acquired: 3/24/2025 10:01:24      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3413.1 | 75611. | 14011. | 2475.8 | 5140.1 |
| Stddev    | 8.8    | 329.   | 62.    | 12.5   | 10.7   |
| %RSD      | .25782 | .43482 | .44232 | .50643 | .20848 |
| #1        | 3420.4 | 75277. | 13950. | 2463.6 | 5146.3 |
| #2        | 3415.7 | 75934. | 14074. | 2488.7 | 5146.4 |
| #3        | 3403.3 | 75622. | 14010. | 2475.2 | 5127.8 |

Sample Name: S1      Acquired: 3/24/2025 10:05:48      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .00087 | .00222 | .00219 | .00118  | .00674 | .00816 | .28073 | .02366 |
| Stddev | .00007 | .00006 | .00021 | .00010  | .00003 | .00045 | .00371 | .00011 |
| %RSD   | 8.3812 | 2.8892 | 9.4946 | 8.6201  | .51615 | 5.5446 | 1.3232 | .45685 |
| #1     | .00080 | .00216 | .00221 | .00106  | .00676 | .00765 | .28501 | .02356 |
| #2     | .00095 | .00229 | .00197 | .00124  | .00670 | .00853 | .27830 | .02377 |
| #3     | .00086 | .00222 | .00238 | .00124  | .00675 | .00828 | .27889 | .02364 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01359 | .14622 | .00171 | .02471  | .01443 | .00053 | .01032 | .02864 |
| Stddev | .00011 | .00021 | .00004 | .00026  | .00022 | .00005 | .00021 | .00010 |
| %RSD   | .77431 | .14544 | 2.5558 | 1.0533  | 1.5096 | 9.1148 | 2.0251 | .36402 |
| #1     | .01371 | .14637 | .00174 | .02483  | .01446 | .00048 | .01051 | .02876 |
| #2     | .01356 | .14597 | .00173 | .02441  | .01463 | .00053 | .01010 | .02862 |
| #3     | .01351 | .14630 | .00166 | .02489  | .01420 | .00058 | .01035 | .02855 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02280 | .00122 | .02245 | .00502  | .10880 | .01040 | .03611 | .12698 |
| Stddev | .00017 | .00002 | .00016 | .00008  | .00055 | .00015 | .00014 | .00076 |
| %RSD   | .74088 | 2.0168 | .69218 | 1.5933  | .50233 | 1.4678 | .38742 | .60124 |
| #1     | .02293 | .00121 | .02233 | .00507  | .10943 | .01031 | .03626 | .12626 |
| #2     | .02285 | .00120 | .02239 | .00493  | .10851 | .01031 | .03607 | .12690 |
| #3     | .02261 | .00125 | .02263 | .00507  | .10847 | .01057 | .03599 | .12778 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .00472 | .01687 | .00206 | -.00024 | .00058 | .02907 | .15531 |        |
| Stddev | .00010 | .00007 | .00002 | .00004  | .00008 | .00123 | .00123 |        |
| %RSD   | 2.0329 | .40695 | 1.1725 | 16.081  | 13.382 | 4.2250 | .79357 |        |
| #1     | .00465 | .01681 | .00207 | -.00021 | .00055 | .02955 | .15622 |        |
| #2     | .00467 | .01685 | .00208 | -.00022 | .00052 | .02767 | .15391 |        |
| #3     | .00483 | .01694 | .00203 | -.00028 | .00067 | .02998 | .15581 |        |

Sample Name: S1      Acquired: 3/24/2025 10:05:48      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3365.6 | 74987. | 14135. | 2409.1 | 5046.1 |
| Stddev    | 9.0    | 213.   | 98.    | 11.4   | 9.4    |
| %RSD      | .26802 | .28353 | .69223 | .47282 | .18658 |
| #1        | 3371.4 | 74937. | 14074. | 2399.6 | 5044.8 |
| #2        | 3370.1 | 75220. | 14248. | 2421.7 | 5056.1 |
| #3        | 3355.2 | 74804. | 14084. | 2405.9 | 5037.3 |



Sample Name: S2      Acquired: 3/24/2025 10:10:11      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .04141 | .05174 | .16771 | .04038 | .10410 | .12992 | 3.8992 | .17566 |
| Stddev | .00044 | .00053 | .00071 | .00026 | .00048 | .00076 | .0125  | .00115 |
| %RSD   | 1.0633 | 1.0203 | .42496 | .63748 | .46360 | .58779 | .31972 | .65394 |
| #1     | .04103 | .05124 | .16729 | .04016 | .10356 | .12982 | 3.9123 | .17697 |
| #2     | .04132 | .05170 | .16732 | .04031 | .10424 | .12921 | 3.8978 | .17521 |
| #3     | .04189 | .05229 | .16854 | .04066 | .10450 | .13073 | 3.8875 | .17481 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .99670 | .31758 | .03033 | .36398 | .15131 | .00466 | .21302 | .05809 |
| Stddev | .00396 | .00078 | .00013 | .00109 | .00041 | .00001 | .00040 | .00039 |
| %RSD   | .39736 | .24715 | .43227 | .30069 | .27277 | .29966 | .18911 | .67657 |
| #1     | .99493 | .31838 | .03021 | .36335 | .15128 | .00465 | .21307 | .05842 |
| #2     | .99394 | .31755 | .03047 | .36335 | .15092 | .00467 | .21339 | .05819 |
| #3     | 1.0012 | .31681 | .03032 | .36525 | .15174 | .00466 | .21259 | .05766 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .25308 | .05757 | .04651 | .05460 | 1.1052 | .02303 | .29577 | .55633 |
| Stddev | .00093 | .00015 | .00031 | .00005 | .0031  | .00018 | .00208 | .00325 |
| %RSD   | .36937 | .26608 | .67244 | .09656 | .28104 | .77147 | .70353 | .58382 |
| #1     | .25255 | .05760 | .04624 | .05464 | 1.1082 | .02292 | .29810 | .55392 |
| #2     | .25252 | .05740 | .04685 | .05454 | 1.1054 | .02294 | .29411 | .55505 |
| #3     | .25416 | .05770 | .04644 | .05463 | 1.1020 | .02324 | .29509 | .56002 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .09366 | .33145 | .00489 | .02672 | .01880 | .76016 | 6.7310 |        |
| Stddev | .00058 | .00109 | .00006 | .00026 | .00019 | .00078 | .0133  |        |
| %RSD   | .62453 | .32777 | 1.1663 | .95738 | 1.0151 | .10264 | .19819 |        |
| #1     | .09331 | .33265 | .00488 | .02659 | .01865 | .76056 | 6.7454 |        |
| #2     | .09335 | .33114 | .00495 | .02656 | .01875 | .76066 | 6.7286 |        |
| #3     | .09434 | .33055 | .00484 | .02702 | .01902 | .75926 | 6.7190 |        |

Sample Name: S2      Acquired: 3/24/2025 10:10:11      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3299.5 | 73002. | 14008. | 2285.7 | 4906.5 |
| Stddev    | 11.0   | 267.   | 84.    | 8.7    | 16.4   |
| %RSD      | .33267 | .36579 | .60087 | .38266 | .33518 |
| #1        | 3306.8 | 73235. | 13918. | 2278.6 | 4911.3 |
| #2        | 3304.8 | 72711. | 14022. | 2283.1 | 4920.1 |
| #3        | 3286.9 | 73062. | 14084. | 2295.5 | 4888.2 |

Sample Name: S3      Acquired: 3/24/2025 10:14:16      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .11596 | .13990 | .46337 | .11125 | .28926 | .35703 | 10.498 | .47227 |
| Stddev | .00057 | .00138 | .00180 | .00075 | .00225 | .00090 | .093   | .00204 |
| %RSD   | .49251 | .98605 | .38937 | .67819 | .77756 | .25107 | .88287 | .43268 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11600 | .14106 | .46363 | .11079 | .28879 | .35668 | 10.581 | .47036 |
| #2 | .11537 | .13837 | .46145 | .11083 | .28729 | .35636 | 10.398 | .47201 |
| #3 | .11651 | .14026 | .46504 | .11212 | .29171 | .35805 | 10.514 | .47442 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.7661 | .86850 | .08334 | 1.0057 | .41231 | .01261 | .56914 | .15961 |
| Stddev | .0086  | .00198 | .00018 | .0023  | .00269 | .00008 | .00071 | .00080 |
| %RSD   | .31221 | .22781 | .21873 | .23051 | .65315 | .59729 | .12467 | .50205 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7616 | .86622 | .08353 | 1.0039 | .41035 | .01269 | .56837 | .15904 |
| #2 | 2.7606 | .86950 | .08316 | 1.0049 | .41119 | .01259 | .56931 | .15926 |
| #3 | 2.7760 | .86978 | .08334 | 1.0083 | .41538 | .01254 | .56976 | .16052 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .69647 | .15852 | .12716 | .15014 | 3.0063 | .06517 | .79468 | 1.5235 |
| Stddev | .00163 | .00032 | .00092 | .00005 | .0177  | .00027 | .00508 | .0088  |
| %RSD   | .23417 | .20010 | .71972 | .03063 | .58879 | .41100 | .63895 | .57530 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .69588 | .15888 | .12799 | .15010 | 3.0093 | .06544 | .78882 | 1.5212 |
| #2 | .69521 | .15828 | .12731 | .15013 | 2.9873 | .06517 | .79742 | 1.5160 |
| #3 | .69831 | .15841 | .12618 | .15019 | 3.0223 | .06491 | .79779 | 1.5331 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .26045 | .90121 | .01366 | .07727 | .05310 | 2.0426 | 18.244 |  |
| Stddev | .00057 | .00099 | .00009 | .00022 | .00021 | .0039  | .204   |  |
| %RSD   | .21804 | .11021 | .62670 | .28802 | .39643 | .18881 | 1.1157 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .25996 | .90093 | .01375 | .07742 | .05333 | 2.0393 | 18.197 |  |
| #2 | .26032 | .90039 | .01359 | .07701 | .05293 | 2.0469 | 18.068 |  |
| #3 | .26107 | .90231 | .01362 | .07737 | .05304 | 2.0416 | 18.467 |  |

Sample Name: S3      Acquired: 3/24/2025 10:14:16      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3238.3 | 71758. | 14204. | 2218.5 | 4728.6 |
| Stddev    | 11.1   | 360.   | 36.    | 16.7   | 8.0    |
| %RSD      | .34144 | .50120 | .25057 | .75341 | .16915 |
| #1        | 3245.0 | 71356. | 14223. | 2207.5 | 4736.3 |
| #2        | 3244.2 | 72050. | 14226. | 2237.8 | 4729.2 |
| #3        | 3225.5 | 71869. | 14163. | 2210.4 | 4720.3 |

Sample Name: S4      Acquired: 3/24/2025 10:18:30      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .24089 | .28970 | .95023 | .22990 | .59971 | .73446 | 21.543 | .93881 |
| Stddev | .00038 | .00236 | .00196 | .00044 | .00128 | .00250 | .212   | .00913 |
| %RSD   | .15579 | .81476 | .20651 | .19221 | .21286 | .34046 | .98327 | .97287 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24115 | .29161 | .95176 | .23024 | .60099 | .73317 | 21.315 | .93034 |
| #2 | .24046 | .29042 | .94801 | .22940 | .59843 | .73734 | 21.581 | .94849 |
| #3 | .24107 | .28706 | .95090 | .23006 | .59970 | .73286 | 21.734 | .93761 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.7190 | 1.7642 | .16833 | 2.0684 | .83668 | .02566 | 1.1442 | .32679 |
| Stddev | .0134  | .0071  | .00039 | .0048  | .00176 | .00015 | .0037  | .00203 |
| %RSD   | .23441 | .40170 | .23353 | .23275 | .20994 | .58179 | .32613 | .62203 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.7265 | 1.7574 | .16870 | 2.0682 | .83745 | .02579 | 1.1421 | .32462 |
| #2 | 5.7036 | 1.7715 | .16838 | 2.0636 | .83467 | .02550 | 1.1485 | .32865 |
| #3 | 5.7271 | 1.7638 | .16792 | 2.0732 | .83791 | .02568 | 1.1419 | .32711 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.4294 | .32327 | .26898 | .30953 | 6.0732 | .13702 | 1.5851 | 3.1083 |
| Stddev | .0037  | .00006 | .00238 | .00059 | .0074  | .00086 | .0146  | .0088  |
| %RSD   | .26222 | .01831 | .88443 | .19175 | .12142 | .62766 | .91832 | .28308 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4305 | .32333 | .27157 | .30898 | 6.0731 | .13781 | 1.5725 | 3.1177 |
| #2 | 1.4253 | .32328 | .26690 | .31016 | 6.0659 | .13610 | 1.6010 | 3.1003 |
| #3 | 1.4325 | .32321 | .26847 | .30945 | 6.0806 | .13714 | 1.5817 | 3.1069 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .53853 | 1.8437 | .02852 | .16328 | .11255 | 4.2293 | 37.224 |  |
| Stddev | .00084 | .0054  | .00014 | .00030 | .00010 | .0147  | .332   |  |
| %RSD   | .15596 | .29505 | .49657 | .18330 | .09163 | .34730 | .89112 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .53918 | 1.8431 | .02859 | .16363 | .11244 | 4.2436 | 37.062 |  |
| #2 | .53758 | 1.8495 | .02836 | .16310 | .11257 | 4.2300 | 37.004 |  |
| #3 | .53882 | 1.8386 | .02861 | .16312 | .11264 | 4.2143 | 37.606 |  |

Sample Name: S4      Acquired: 3/24/2025 10:18:30      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3152.1 | 70683. | 14230. | 2149.1 | 4516.0 |
| Stddev    | 9.5    | 104.   | 92.    | 6.0    | 10.3   |
| %RSD      | .30171 | .14688 | .64658 | .27932 | .22788 |
|           |        |        |        |        |        |
| #1        | 3141.9 | 70569. | 14301. | 2148.8 | 4508.9 |
| #2        | 3160.8 | 70772. | 14126. | 2155.2 | 4527.8 |
| #3        | 3153.5 | 70707. | 14264. | 2143.2 | 4511.3 |

Sample Name: S5      Acquired: 3/24/2025 10:22:43      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .48402 | .58466 | 1.8950 | .45929 | 1.2053 | 1.5085 | 43.881 | 1.8861 |
| Stddev | .00159 | .00209 | .0071  | .00191 | .0060  | .0064  | .169   | .0113  |
| %RSD   | .32854 | .35757 | .37580 | .41638 | .50148 | .42318 | .38533 | .59753 |
| #1     | .48346 | .58374 | 1.8979 | .45899 | 1.2035 | 1.5157 | 43.998 | 1.8908 |
| #2     | .48279 | .58318 | 1.8869 | .45755 | 1.2004 | 1.5059 | 43.957 | 1.8943 |
| #3     | .48581 | .58705 | 1.9002 | .46134 | 1.2121 | 1.5038 | 43.687 | 1.8732 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.477 | 3.5902 | .33000 | 4.1691 | 1.6475 | .05135 | 2.3262 | .66714 |
| Stddev | .041   | .0185  | .00033 | .0154  | .0056  | .00033 | .0129  | .00169 |
| %RSD   | .35459 | .51540 | .09947 | .36848 | .34137 | .64804 | .55613 | .25394 |
| #1     | 11.486 | 3.6097 | .32996 | 4.1713 | 1.6469 | .05132 | 2.3412 | .66903 |
| #2     | 11.432 | 3.5878 | .33035 | 4.1528 | 1.6422 | .05103 | 2.3190 | .66664 |
| #3     | 11.512 | 3.5729 | .32969 | 4.1833 | 1.6534 | .05169 | 2.3185 | .66576 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.8595 | .64718 | .55540 | .63172 | 12.025 | .28158 | 3.2119 | 6.1873 |
| Stddev | .0107  | .00047 | .00477 | .00416 | .047   | .00152 | .0181  | .0232  |
| %RSD   | .37250 | .07205 | .85928 | .65912 | .38956 | .54080 | .56340 | .37434 |
| #1     | 2.8616 | .64756 | .55951 | .63647 | 12.075 | .28278 | 3.2208 | 6.1788 |
| #2     | 2.8479 | .64666 | .55017 | .62869 | 12.018 | .27987 | 3.2239 | 6.1696 |
| #3     | 2.8688 | .64731 | .55653 | .63000 | 11.982 | .28209 | 3.1911 | 6.2135 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 1.0771 | 3.7673 | .05820 | .33710 | .23323 | 8.8070 | 75.367 |        |
| Stddev | .0037  | .0255  | .00029 | .00176 | .00125 | .0607  | .833   |        |
| %RSD   | .33923 | .67765 | .50645 | .52072 | .53466 | .68933 | 1.1054 |        |
| #1     | 1.0779 | 3.7966 | .05805 | .33634 | .23335 | 8.8737 | 75.541 |        |
| #2     | 1.0731 | 3.7496 | .05801 | .33585 | .23193 | 8.7551 | 76.100 |        |
| #3     | 1.0802 | 3.7557 | .05854 | .33911 | .23441 | 8.7922 | 74.461 |        |

Sample Name: S5      Acquired: 3/24/2025 10:22:43      Type: Cal  
Method: NON EPA-6010-200.7(v2835)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3052.5 | 69117. | 13717. | 2078.8 | 4281.3 |
| Stddev    | 11.3   | 63.    | 85.    | 13.3   | 20.1   |
| %RSD      | .36908 | .09162 | .62071 | .64101 | .46916 |
| #1        | 3052.1 | 69144. | 13681. | 2063.5 | 4275.1 |
| #2        | 3064.0 | 69045. | 13657. | 2085.2 | 4303.7 |
| #3        | 3041.5 | 69162. | 13815. | 2087.7 | 4265.0 |



Sample Name: ICV01      Acquired: 3/24/2025 10:33:23      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9994035 | 1.013929 | .9819009 | 1.026884 | 1.024042 | 2.504794 |
| Stddev | .0043575 | .010884  | .0019381 | .002726  | .001911  | .003228  |
| %RSD   | .4360060 | 1.073428 | .1973810 | .2654891 | .1865665 | .1288909 |
| #1     | 1.002997 | 1.024824 | .9812896 | 1.025780 | 1.026103 | 2.504476 |
| #2     | .994557  | 1.003057 | .9803422 | 1.024883 | 1.022330 | 2.501737 |
| #3     | 1.000657 | 1.013907 | .9840709 | 1.029989 | 1.023694 | 2.508170 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4816597 | .4898377 | .4940200 | 9.754969 | .5290482 | .5038327 |
| Stddev | .0020167 | .0011212 | .0014227 | .007496  | .0031732 | .0017024 |
| %RSD   | .4186931 | .2289004 | .2879837 | .0768411 | .5997893 | .3378807 |
| #1     | .4801737 | .4890604 | .4951159 | 9.758697 | .5278617 | .5049343 |
| #2     | .4808500 | .4911231 | .4924122 | 9.759870 | .5266394 | .5018719 |
| #3     | .4839554 | .4893297 | .4945321 | 9.746340 | .5326437 | .5046917 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5317490 | 9.819177 | .4946701 | 5.831963 | .5058649 | .2579904 |
| Stddev | .0023857 | .078590  | .0017850 | .013300  | .0021361 | .0009243 |
| %RSD   | .4486454 | .8003690 | .3608518 | .2280581 | .4222716 | .3582790 |
| #1     | .5319022 | 9.772517 | .4955620 | 5.835632 | .5072440 | .2569993 |
| #2     | .5292904 | 9.775102 | .4926150 | 5.843044 | .5034043 | .2581428 |
| #3     | .5340544 | 9.909912 | .4958335 | 5.817214 | .5069465 | .2588290 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.225152 | .4828108 | 1.039281 | 9.607038 | 2.301002 | 2.493437 |
| Stddev | .108068  | .0019351 | .008144  | .074463  | .006844  | .010289  |
| %RSD   | 1.171455 | .4008040 | .7836032 | .7750912 | .2974493 | .4126398 |
| #1     | 9.191561 | .4822987 | 1.030630 | 9.551245 | 2.296414 | 2.496822 |
| #2     | 9.137868 | .4811832 | 1.040412 | 9.578276 | 2.308869 | 2.481883 |
| #3     | 9.346027 | .4849504 | 1.046800 | 9.691593 | 2.297722 | 2.501608 |

Sample Name: ICV01      Acquired: 3/24/2025 10:33:23      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | 2.364790 | 2.341166 | F 1.999383 | F -.001536 | F -.002665 | F -.000647 |
| Stddev | .012819  | .003382  | .018474    | .000634    | .003865    | .001412    |
| %RSD   | .5420801 | .1444490 | .9239888   | 41.25491   | 145.0459   | 218.3431   |
| #1     | 2.375949 | 2.339546 | 1.991193   | -.002157   | .000329    | -.002066   |
| #2     | 2.350788 | 2.338900 | 1.986420   | -.001562   | -.001296   | .000757    |
| #3     | 2.367633 | 2.345053 | 2.020536   | -.000890   | -.007029   | -.000631   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.007379 |
| Stddev | .000094    |
| %RSD   | 1.269984   |
| #1     | -.007317   |
| #2     | -.007333   |
| #3     | -.007487   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3205.337 | 71871.66 | 14757.62 | 2140.976 | 4846.720 |
| Stddev    | 11.071   | 510.06   | 10.92    | 12.405   | 13.561   |
| %RSD      | .3454032 | .7096854 | .0739675 | .5793981 | .2798011 |
| #1        | 3201.678 | 71937.84 | 14758.03 | 2144.431 | 4835.032 |
| #2        | 3217.775 | 72345.39 | 14768.32 | 2151.287 | 4861.589 |
| #3        | 3196.558 | 71331.73 | 14746.50 | 2127.210 | 4843.540 |

Sample Name: LLICV01      Acquired: 3/24/2025 10:45:23      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0181949 | .0397574 | .0116573 | .0183054 | .0504470 | .1004518 |
| Stddev | .0030456 | .0018179 | .0003220 | .0012397 | .0012030 | .0010902 |
| %RSD   | 16.73896 | 4.572374 | 2.762217 | 6.772523 | 2.384676 | 1.085242 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209553 | .0377530 | .0120079 | .0196000 | .0491575 | .0991933 |
| #2 | .0187017 | .0402201 | .0115890 | .0181871 | .0506444 | .1010578 |
| #3 | .0149276 | .0412993 | .0113749 | .0171290 | .0515391 | .1011044 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0893955 | .0058392 | .0056408 | 1.943738 | .0097963 | .0287761 |
| Stddev | .0005100 | .0000591 | .0000253 | .011959  | .0000988 | .0001306 |
| %RSD   | .5705114 | 1.011460 | .4479121 | .6152413 | 1.008215 | .4537861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0888144 | .0057894 | .0056430 | 1.956327 | .0098015 | .0288464 |
| #2 | .0896034 | .0059045 | .0056144 | 1.932529 | .0096951 | .0286255 |
| #3 | .0897687 | .0058237 | .0056648 | 1.942359 | .0098924 | .0288565 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0224577 | .0957587 | .0183016 | 2.071881 | .0385339 | .0105950 |
| Stddev | .0002219 | .0033553 | .0002578 | .015772  | .0003952 | .0002065 |
| %RSD   | .9880501 | 3.503951 | 1.408658 | .7612391 | 1.025515 | 1.949320 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0224723 | .0996274 | .0184419 | 2.074823 | .0389224 | .0105914 |
| #2 | .0226719 | .0936430 | .0180041 | 2.054845 | .0381324 | .0103903 |
| #3 | .0222288 | .0940056 | .0184588 | 2.085975 | .0385470 | .0108033 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.733760 | .0390865 | .0418625 | 1.872942 | .0978200 | .2074100 |
| Stddev | .009575  | .0012179 | .0004876 | .011763  | .0005845 | .0006203 |
| %RSD   | .5522698 | 3.115994 | 1.164828 | .6280582 | .5975422 | .2990673 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.744706 | .0397380 | .0418222 | 1.880174 | .0972064 | .2069192 |
| #2 | 1.729635 | .0376814 | .0413963 | 1.879283 | .0978834 | .2072035 |
| #3 | 1.726939 | .0398401 | .0423691 | 1.859369 | .0983702 | .2081071 |

Sample Name: LLICV01      Acquired: 3/24/2025 10:45:23      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0375788 | .0388096 | .3547249 | .0169436 | .0177190 | F .0127468 |
| Stddev | .0001509 | .0002734 | .0085134 | .0008859 | .0037895 | .0013048   |
| %RSD   | .4015558 | .7043613 | 2.399996 | 5.228718 | 21.38683 | 10.23641   |
| #1     | .0374067 | .0390040 | .3486702 | .0179304 | .0177720 | .0139069   |
| #2     | .0376884 | .0389279 | .3644592 | .0166838 | .0214818 | .0113342   |
| #3     | .0376413 | .0384971 | .3510453 | .0162167 | .0139032 | .0129992   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0189592 |
| Stddev | .0001236 |
| %RSD   | .6519762 |
| #1     | .0190614 |
| #2     | .0188218 |
| #3     | .0189944 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3303.038 | 74866.26 | 15258.27 | 2203.668 | 5130.585 |
| Stddev    | 4.169    | 262.55   | 71.59    | 15.996   | 10.883   |
| %RSD      | .1262233 | .3506933 | .4692045 | .7258617 | .2121115 |
| #1        | 3304.768 | 74570.56 | 15212.80 | 2190.847 | 5132.496 |
| #2        | 3306.063 | 75072.02 | 15340.79 | 2221.592 | 5140.386 |
| #3        | 3298.282 | 74956.21 | 15221.22 | 2198.563 | 5118.874 |

Sample Name: ICB01      Acquired: 3/24/2025 10:49:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.002754 | -.001970 | .0010483 | -.000990 | -.002462 | .0001987 | -.003749 |
| Stddev | .000256  | .001401  | .0011804 | .001302  | .001433  | .0063069 | .000367  |
| %RSD   | 9.287677 | 71.09412 | 112.6004 | 131.5059 | 58.18098 | 3173.703 | 9.795278 |
| #1     | -.002553 | -.003504 | -.000260 | -.000334 | -.001674 | .0031980 | -.003368 |
| #2     | -.003042 | -.000760 | .001370  | -.002489 | -.004116 | -.007048 | -.003778 |
| #3     | -.002666 | -.001646 | .002034  | -.000146 | -.001597 | .004446  | -.004101 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | -.000080 | -.002136 | .0000095 | .0000209 | -.000035 | .0010014 |
| Stddev | .000007  | .000020  | .002095  | .0001979 | .0001306 | .000254  | .0029661 |
| %RSD   | 30.49509 | 24.80233 | 98.08493 | 2086.418 | 625.7641 | 730.2398 | 296.1903 |
| #1     | -.000023 | -.000058 | -.000638 | .0001862 | -.000095 | .000229  | -.002135 |
| #2     | -.000028 | -.000086 | -.004530 | .0000467 | .000162  | -.000054 | .001377  |
| #3     | -.000015 | -.000097 | -.001239 | -.000204 | -.000005 | -.000279 | .003762  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000666 | -.001372 | .0002631 | .0003056 | -.078873 | .0013104 | -.000472 |
| Stddev | .000040  | .005043  | .0002734 | .0002141 | .007863  | .0003976 | .000466  |
| %RSD   | 6.009800 | 367.4509 | 103.8849 | 70.04344 | 9.968750 | 30.34154 | 98.89384 |
| #1     | -.000668 | -.006885 | -.000053 | .0001198 | -.086124 | .0013462 | -.000725 |
| #2     | -.000704 | .003009  | .000423  | .0002573 | -.079980 | .0008961 | .000067  |
| #3     | -.000624 | -.000241 | .000419  | .0005397 | -.070516 | .0016888 | -.000757 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.106072 | -.001647 | -.000295 | -.000343 | .0005832 | .0005991 | -.000880 |
| Stddev | .031896  | .000347  | .000269  | .000600  | .0003316 | .0044635 | .001019  |
| %RSD   | 30.07051 | 21.05265 | 91.29569 | 174.6582 | 56.86316 | 745.0297 | 115.6891 |
| #1     | -.116074 | -.002021 | -.000466 | .000198  | .0002066 | .0053576 | .000289  |
| #2     | -.131768 | -.001336 | .000015  | -.000988 | .0008314 | -.000065 | -.001576 |
| #3     | -.070373 | -.001583 | -.000435 | -.000240 | .0007115 | -.003495 | -.001354 |

Sample Name: ICB01      Acquired: 3/24/2025 10:49:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000808 | -.006590 | .0000539 |
| Stddev | .004112  | .000806  | .0000607 |
| %RSD   | 508.6463 | 12.22943 | 112.7170 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001062 | -.005712 | .0000453 |
| #2 | -.004787 | -.007296 | -.000002 |
| #3 | .003424  | -.006761 | .000118  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3333.338 | 74633.49 | 15223.45 | 2216.825 | 5222.309 |
| Stddev    | 6.494    | 157.14   | 98.69    | 4.889    | 8.275    |
| %RSD      | .1948296 | .2105461 | .6482908 | .2205229 | .1584576 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3337.499 | 74553.21 | 15166.75 | 2218.253 | 5227.744 |
| #2 | 3336.660 | 74532.71 | 15166.19 | 2211.381 | 5226.399 |
| #3 | 3325.854 | 74814.55 | 15337.41 | 2220.840 | 5212.786 |

Sample Name: CRI01      Acquired: 3/24/2025 10:54:00      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0186131 | .0381791 | .0126793 | .0192065 | .0506334 | .1038442 |
| Stddev | .0002091 | .0019472 | .0006027 | .0013326 | .0005544 | .0027167 |
| %RSD   | 1.123299 | 5.100110 | 4.753729 | 6.938201 | 1.094939 | 2.616122 |
| #1     | .0188017 | .0365347 | .0119834 | .0180788 | .0502752 | .1007378 |
| #2     | .0183883 | .0403293 | .0130161 | .0206770 | .0512720 | .1057753 |
| #3     | .0186495 | .0376734 | .0130383 | .0188637 | .0503531 | .1050197 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0867366 | .0059182 | .0055728 | 1.917639 | .0099352 | .0285630 |
| Stddev | .0004244 | .0000318 | .0000435 | .002518  | .0002881 | .0000861 |
| %RSD   | .4893145 | .5375393 | .7811711 | .1313059 | 2.899640 | .3014644 |
| #1     | .0871940 | .0058815 | .0056208 | 1.918931 | .0098087 | .0286473 |
| #2     | .0866603 | .0059377 | .0055617 | 1.919248 | .0102649 | .0285665 |
| #3     | .0863555 | .0059354 | .0055358 | 1.914737 | .0097320 | .0284752 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225125 | .0954149 | .0181773 | 2.077672 | .0380717 | .0105726 |
| Stddev | .0001681 | .0028737 | .0005380 | .019077  | .0000226 | .0002468 |
| %RSD   | .7465915 | 3.011787 | 2.959862 | .9182013 | .0594525 | 2.334621 |
| #1     | .0223186 | .0982102 | .0187838 | 2.076668 | .0380814 | .0104406 |
| #2     | .0226009 | .0924688 | .0179905 | 2.097232 | .0380878 | .0104199 |
| #3     | .0226178 | .0955658 | .0177575 | 2.059117 | .0380458 | .0108574 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.627495 | .0393707 | .0417535 | 1.752188 | .0990747 | .2074671 |
| Stddev | .021398  | .0009373 | .0001176 | .011929  | .0002417 | .0003533 |
| %RSD   | 1.314779 | 2.380832 | .2815313 | .6808319 | .2439221 | .1703095 |
| #1     | 1.651757 | .0404327 | .0418777 | 1.750758 | .0988601 | .2075007 |
| #2     | 1.619414 | .0390208 | .0417391 | 1.741037 | .0990275 | .2070982 |
| #3     | 1.611315 | .0386586 | .0416439 | 1.764767 | .0993365 | .2078025 |

Sample Name: CRI01      Acquired: 3/24/2025 10:54:00      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0371224 | .0386040 | .3525795 | .0166109 | .0173119 | F .0117973 |
| Stddev | .0006236 | .0005105 | .0047800 | .0004721 | .0009962 | .0006512   |
| %RSD   | 1.679854 | 1.322470 | 1.355711 | 2.841809 | 5.754668 | 5.519794   |
| #1     | .0365728 | .0381359 | .3578390 | .0161803 | .0168438 | .0116026   |
| #2     | .0378001 | .0391483 | .3513996 | .0171156 | .0166360 | .0112657   |
| #3     | .0369943 | .0385278 | .3485000 | .0165367 | .0184560 | .0125236   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0185630 |
| Stddev | .0001370 |
| %RSD   | .7380436 |
| #1     | .0186425 |
| #2     | .0186417 |
| #3     | .0184048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3290.878 | 73898.59 | 14710.17 | 2174.379 | 5144.017 |
| Stddev    | 14.085   | 256.35   | 54.60    | 11.645   | 15.541   |
| %RSD      | .4280109 | .3468955 | .3711632 | .5355681 | .3021191 |
| #1        | 3299.263 | 73904.03 | 14768.06 | 2183.791 | 5153.473 |
| #2        | 3298.754 | 74152.17 | 14702.85 | 2177.990 | 5152.498 |
| #3        | 3274.616 | 73639.56 | 14659.60 | 2161.356 | 5126.081 |



Sample Name: ICSA01      Acquired: 3/24/2025 10:58:17      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034839 | .0066806 | .0053985 | .0038320 | -.004307 | 245.8547 | -.000677 |
| Stddev | .0033118 | .0039210 | .0003301 | .0011273 | .001108  | 3.1758   | .000818  |
| %RSD   | 95.06229 | 58.69296 | 6.114922 | 29.41873 | 25.72552 | 1.291747 | 120.8157 |
| #1     | .0066917 | .0104631 | .0054630 | .0044191 | -.003652 | 242.7796 | -.001383 |
| #2     | .0036829 | .0069443 | .0056916 | .0045446 | -.005586 | 245.6618 | .000219  |
| #3     | .0000770 | .0026344 | .0050409 | .0025323 | -.003683 | 249.1225 | -.000868 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008998 | -.003412 | 225.7496 | .0576071 | .0017512 | .0129936 | 97.35574 |
| Stddev | .0000138 | .000483  | .4701    | .0006195 | .0002827 | .0009571 | 1.92415  |
| %RSD   | 1.537116 | 14.15471 | .2082493 | 1.075310 | 16.14456 | 7.365921 | 1.976412 |
| #1     | .0008960 | -.003970 | 225.2341 | .0581986 | .0018171 | .0122056 | 99.57530 |
| #2     | .0009151 | -.003137 | 226.1547 | .0569630 | .0019952 | .0127165 | 96.15922 |
| #3     | .0008883 | -.003129 | 225.8600 | .0576598 | .0014414 | .0140586 | 96.33270 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018462 | 244.6457 | .0017873 | -.001121 | -.020565 | .0045087 | .0051685 |
| Stddev | .0003016 | .6234    | .0006973 | .000250  | .012066  | .0016454 | .0007364 |
| %RSD   | 16.33719 | .2548292 | 39.01264 | 22.26692 | 58.67241 | 36.49466 | 14.24723 |
| #1     | .0015057 | 243.9259 | .0010094 | -.001406 | -.033686 | .0063810 | .0059409 |
| #2     | .0020801 | 245.0010 | .0023560 | -.001015 | -.018062 | .0038527 | .0044745 |
| #3     | .0019528 | 245.0103 | .0019967 | -.000942 | -.009947 | .0032925 | .0050901 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.098995 | -.055138 | -.000074 | -.004604 | .0000061 | .0247474 | .0014946 |
| Stddev | .003621  | .006191  | .000109  | .000131  | .0004043 | .0054103 | .0009718 |
| %RSD   | 3.658196 | 11.22779 | 147.4436 | 2.837621 | 6605.872 | 21.86228 | 65.02080 |
| #1     | -.099616 | -.048058 | -.000196 | -.004454 | -.000218 | .0254673 | .0006490 |
| #2     | -.102266 | -.057822 | -.000037 | -.004691 | -.000236 | .0190131 | .0012786 |
| #3     | -.095103 | -.059534 | .000012  | -.004666 | .000473  | .0297617 | .0025563 |

Sample Name: ICSA01      Acquired: 3/24/2025 10:58:17      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.016028 | -.001930 | .0058579 |
| Stddev | .001644  | .000731  | .0015776 |
| %RSD   | 10.25572 | 37.88773 | 26.93124 |
| #1     | -.017925 | -.001839 | .0040541 |
| #2     | -.015020 | -.002702 | .0069802 |
| #3     | -.015139 | -.001248 | .0065394 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2898.548 | 64303.75 | 14654.39 | 1875.488 | 4069.238 |
| Stddev    | 9.122    | 798.90   | 109.50   | 26.671   | 17.317   |
| %RSD      | .3147089 | 1.242381 | .7471865 | 1.422070 | .4255578 |
| #1        | 2901.227 | 63385.22 | 14780.19 | 1844.699 | 4076.424 |
| #2        | 2906.030 | 64836.92 | 14602.42 | 1891.498 | 4081.804 |
| #3        | 2888.386 | 64689.12 | 14580.56 | 1890.266 | 4049.484 |

Sample Name: ICSAB01      Acquired: 3/24/2025 11:02:42      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1122870 | .1075531 | .0547154 | .0529084 | .6461183 | 244.0872 | .4736972 |
| Stddev | .0024163 | .0029434 | .0024119 | .0064018 | .0010469 | 1.8066   | .0017522 |
| %RSD   | 2.151883 | 2.736679 | 4.408046 | 12.09973 | .1620275 | .7401397 | .3699011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1096046 | .1107437 | .0560112 | .0590082 | .6463544 | 244.7082 | .4752094 |
| #2 | .1129634 | .1069717 | .0519326 | .0534747 | .6470269 | 242.0521 | .4741053 |
| #3 | .1142930 | .1049437 | .0562023 | .0462423 | .6449735 | 245.5015 | .4717769 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4724374 | .9945043 | 226.9149 | .5729202 | .5073261 | .5202568 | 98.28832 |
| Stddev | .0012544 | .0009231 | .4484    | .0002862 | .0011712 | .0005493 | .04521   |
| %RSD   | .2655207 | .0928160 | .1976139 | .0499486 | .2308569 | .1055877 | .0459946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4720589 | .9939866 | 227.1239 | .5726216 | .5059749 | .5208894 | 98.33281 |
| #2 | .4738375 | .9939563 | 227.2206 | .5729470 | .5079521 | .5199800 | 98.28971 |
| #3 | .4714158 | .9955700 | 226.4001 | .5731921 | .5080512 | .5199008 | 98.24243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4638690 | 243.5855 | .9990859 | .2063822 | -.027706 | .4730513 | 1.091425 |
| Stddev | .0021818 | .3796    | .0016732 | .0013305 | .005559  | .0013107 | .006806  |
| %RSD   | .4703550 | .1558413 | .1674690 | .6446858 | 20.06427 | .2770766 | .6235920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4644829 | 243.6589 | .9980138 | .2052440 | -.026092 | .4726451 | 1.089297 |
| #2 | .4656781 | 243.9231 | .9982300 | .2060575 | -.033894 | .4719917 | 1.099041 |
| #3 | .4614460 | 243.1746 | 1.001014 | .2078450 | -.023133 | .4745170 | 1.085938 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.115936 | .8913199 | 1.098902 | 1.065942 | 1.004291 | .9842263 | 1.045447 |
| Stddev | .034752  | .0025484 | .000877  | .002394  | .001257  | .0073713 | .004883  |
| %RSD   | 29.97528 | .2859111 | .0797748 | .2245920 | .1251186 | .7489450 | .4670337 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.129278 | .8921612 | 1.098077 | 1.064541 | 1.005545 | .9853207 | 1.046647 |
| #2 | -.076490 | .8933413 | 1.098806 | 1.068707 | 1.004297 | .9763690 | 1.049618 |
| #3 | -.142040 | .8884573 | 1.099823 | 1.064579 | 1.003032 | .9909892 | 1.040076 |

Sample Name: ICSAB01      Acquired: 3/24/2025 11:02:42      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.030501 | .9791287 | .9489378 |
| Stddev | .005919  | .0036242 | .0025697 |
| %RSD   | .5744187 | .3701495 | .2708005 |
| #1     | 1.031145 | .9829245 | .9517076 |
| #2     | 1.036072 | .9757046 | .9484749 |
| #3     | 1.024286 | .9787570 | .9466311 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2890.484 | 65274.73 | 15016.38 | 1903.435 | 4061.846 |
| Stddev    | 5.198    | 109.54   | 25.70    | 9.471    | 1.923    |
| %RSD      | .1798414 | .1678089 | .1711646 | .4975692 | .0473549 |
| #1        | 2887.481 | 65168.42 | 14988.90 | 1894.929 | 4062.850 |
| #2        | 2896.487 | 65387.23 | 15020.42 | 1901.736 | 4063.059 |
| #3        | 2887.485 | 65268.54 | 15039.83 | 1913.641 | 4059.628 |

Sample Name: ICSADLX20      Acquired: 3/24/2025 11:13:07      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044519 | .0036602 | .0035456 | .0009466 | .0287096 | 11.34378 | .0166981 |
| Stddev | .0029171 | .0018954 | .0009342 | .0029107 | .0007862 | .00946   | .0008929 |
| %RSD   | 65.52440 | 51.78402 | 26.34641 | 307.4991 | 2.738494 | .0833854 | 5.347018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010936 | .0021772 | .0025479 | .0042601 | .0294452 | 11.35447 | .0174424 |
| #2 | .0063560 | .0030078 | .0036895 | -.001198 | .0278811 | 11.34037 | .0157082 |
| #3 | .0059061 | .0057957 | .0043995 | -.000222 | .0288025 | 11.33649 | .0169438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0231333 | .0455557 | 10.95905 | .0270127 | .0230047 | .0257175 | 4.401776 |
| Stddev | .0002763 | .0000757 | .03335   | .0002064 | .0003658 | .0003461 | .005282  |
| %RSD   | 1.194488 | .1661876 | .3043054 | .7641270 | 1.590088 | 1.345827 | .1199987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0234214 | .0456074 | 10.99755 | .0271210 | .0226154 | .0260787 | 4.400282 |
| #2 | .0228705 | .0454688 | 10.94052 | .0271424 | .0230574 | .0253887 | 4.397403 |
| #3 | .0231079 | .0455910 | 10.93909 | .0267747 | .0233412 | .0256852 | 4.407645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215589 | 11.35438 | .0461409 | .0091736 | -.100167 | .0242576 | .0495123 |
| Stddev | .0002819 | .04488   | .0001060 | .0000424 | .016248  | .0009272 | .0004639 |
| %RSD   | 1.307709 | .3952279 | .2297674 | .4620930 | 16.22061 | 3.822320 | .9368414 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0218431 | 11.39538 | .0460915 | .0091373 | -.103558 | .0237972 | .0489767 |
| #2 | .0212793 | 11.30644 | .0460685 | .0091632 | -.114451 | .0236507 | .0497867 |
| #3 | .0215542 | 11.36133 | .0462626 | .0092202 | -.082491 | .0253249 | .0497734 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.157062 | -.006223 | -.000240 | -.001048 | .0007092 | .0055642 | -.002124 |
| Stddev | .011561  | .001044  | .000094  | .000197  | .0005222 | .0040020 | .001814  |
| %RSD   | 7.360495 | 16.77271 | 39.27485 | 18.83423 | 73.63775 | 71.92346 | 85.38726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.168664 | -.005792 | -.000147 | -.001092 | .0003109 | .0101841 | -.004145 |
| #2 | -.145544 | -.007413 | -.000237 | -.000832 | .0013004 | .0033421 | -.001593 |
| #3 | -.156978 | -.005463 | -.000336 | -.001220 | .0005162 | .0031663 | -.000636 |

Sample Name: ICSADLX20      Acquired: 3/24/2025 11:13:07      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003910 | -.007088 | .0005947 |
| Stddev | .003605  | .000709  | .0000246 |
| %RSD   | 92.19477 | 9.999354 | 4.134400 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001034 | -.006463 | .0005664 |
| #2 | -.002743 | -.007858 | .0006103 |
| #3 | -.007955 | -.006944 | .0006075 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3252.343 | 74887.38 | 15243.02 | 2149.552 | 4997.024 |
| Stddev    | 7.620    | 202.92   | 106.93   | 5.263    | 10.518   |
| %RSD      | .2342932 | .2709719 | .7015241 | .2448229 | .2104932 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3252.265 | 74666.07 | 15119.61 | 2153.257 | 4999.740 |
| #2 | 3260.001 | 75064.70 | 15301.24 | 2143.529 | 5005.918 |
| #3 | 3244.762 | 74931.37 | 15308.21 | 2151.871 | 4985.414 |

Sample Name: ICSABDLX20      Acquired: 3/24/2025 11:17:21      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045458 | .0030069 | .0029877 | .0052418 | .0302102 | 12.02422 | .0170719 |
| Stddev | .0032244 | .0008788 | .0009068 | .0019680 | .0004078 | .04906   | .0005548 |
| %RSD   | 70.93056 | 29.22771 | 30.34991 | 37.54352 | 1.349818 | .4080290 | 3.249836 |
| #1     | .0035917 | .0034542 | .0038358 | .0036504 | .0306727 | 12.06865 | .0173333 |
| #2     | .0019061 | .0035720 | .0030955 | .0074423 | .0300554 | 12.03246 | .0174478 |
| #3     | .0081395 | .0019944 | .0020319 | .0046328 | .0299024 | 11.97157 | .0164347 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0244904 | .0482424 | 11.60408 | .0289016 | .0244439 | .0274497 | 4.793592 |
| Stddev | .0000253 | .0000151 | .02377   | .0002571 | .0002430 | .0002445 | .026077  |
| %RSD   | .1032156 | .0312229 | .2048744 | .8897108 | .9939852 | .8907086 | .5439938 |
| #1     | .0244963 | .0482598 | 11.59093 | .0286147 | .0241695 | .0274864 | 4.823370 |
| #2     | .0244627 | .0482337 | 11.63152 | .0289786 | .0246316 | .0276739 | 4.782573 |
| #3     | .0245122 | .0482338 | 11.58979 | .0291114 | .0245306 | .0271890 | 4.774834 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228803 | 12.06860 | .0489885 | .0100651 | -.099045 | .0242199 | .0534057 |
| Stddev | .0002530 | .02030   | .0000783 | .0002134 | .015950  | .0011381 | .0005572 |
| %RSD   | 1.105846 | .1681872 | .1598964 | 2.120041 | 16.10356 | 4.699075 | 1.043405 |
| #1     | .0228637 | 12.06813 | .0488984 | .0099581 | -.113971 | .0240320 | .0527751 |
| #2     | .0231412 | 12.08913 | .0490268 | .0103108 | -.082238 | .0254403 | .0538318 |
| #3     | .0226360 | 12.04854 | .0490404 | .0099263 | -.100926 | .0231875 | .0536103 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.187217 | -.006875 | -.000110 | -.001640 | .0006002 | .0062535 | -.000543 |
| Stddev | .018905  | .000664  | .000075  | .000618  | .0005566 | .0034798 | .002001  |
| %RSD   | 10.09797 | 9.655989 | 68.08311 | 37.65501 | 92.74613 | 55.64566 | 368.8151 |
| #1     | -.190596 | -.006618 | -.000141 | -.002025 | .0008893 | .0035981 | -.001615 |
| #2     | -.204204 | -.006378 | -.000025 | -.000928 | -.000042 | .0101929 | -.001778 |
| #3     | -.166850 | -.007629 | -.000164 | -.001969 | .000953  | .0049696 | .001766  |

Sample Name: ICSABDLX20      Acquired: 3/24/2025 11:17:21      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003623 | -.007523 | .0004468 |
| Stddev | .002573  | .001348  | .0000331 |
| %RSD   | 71.03288 | 17.91302 | 7.412565 |
| #1     | -.000748 | -.006053 | .0004768 |
| #2     | -.005710 | -.007818 | .0004525 |
| #3     | -.004411 | -.008699 | .0004112 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3223.449 | 71868.38 | 15287.22 | 2088.967 | 4966.849 |
| Stddev    | 2.321    | 254.76   | 56.70    | 2.856    | 5.300    |
| %RSD      | .0720151 | .3544843 | .3709284 | .1367421 | .1067125 |
| #1        | 3225.809 | 71731.43 | 15279.05 | 2090.566 | 4961.137 |
| #2        | 3223.369 | 71711.38 | 15235.04 | 2085.669 | 4971.609 |
| #3        | 3221.169 | 72162.32 | 15347.56 | 2090.666 | 4967.801 |



Sample Name: CCV01      Acquired: 3/24/2025 11:21:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.096666 | 4.839132 | 4.924112 | 5.075765 | 5.219991 | 9.953297 | 9.427356 |
| Stddev | .031050  | .034403  | .015993  | .033914  | .029180  | .012813  | .125155  |
| %RSD   | .6092305 | .7109300 | .3247951 | .6681633 | .5590112 | .1287349 | 1.327575 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.087828 | 4.872406 | 4.916677 | 5.066060 | 5.204310 | 9.951716 | 9.299670 |
| #2 | 5.070993 | 4.803702 | 4.913190 | 5.047760 | 5.202005 | 9.941347 | 9.432582 |
| #3 | 5.131177 | 4.841286 | 4.942469 | 5.113473 | 5.253660 | 9.966827 | 9.549817 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2375259 | 2.437145 | 24.00717 | 1.016956 | 2.441527 | 1.271302 | 4.872749 |
| Stddev | .0004478 | .009266  | .04884   | .002561  | .008988  | .006561  | .022371  |
| %RSD   | .1885402 | .3801910 | .2034286 | .2518244 | .3681173 | .5160489 | .4591138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2373287 | 2.433163 | 23.97925 | 1.019873 | 2.438251 | 1.268372 | 4.881790 |
| #2 | .2372105 | 2.430537 | 23.97870 | 1.015921 | 2.434636 | 1.266717 | 4.889184 |
| #3 | .2380385 | 2.447737 | 24.06356 | 1.015076 | 2.451693 | 1.278817 | 4.847271 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.328694 | 24.05470 | 2.436486 | 1.257928 | 24.10507 | 2.431518 | 2.544763 |
| Stddev | .002993  | .05783   | .010163  | .001535  | .06540   | .006795  | .012382  |
| %RSD   | .1285219 | .2404270 | .4171358 | .1220351 | .2713217 | .2794482 | .4865741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.327005 | 24.06118 | 2.434471 | 1.259537 | 24.09899 | 2.428580 | 2.555553 |
| #2 | 2.326926 | 23.99389 | 2.427480 | 1.256479 | 24.17330 | 2.426687 | 2.531244 |
| #3 | 2.332149 | 24.10901 | 2.447505 | 1.257768 | 24.04292 | 2.439288 | 2.547493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.01168 | 4.743498 | 5.125159 | 4.913137 | 4.816016 | 5.081149 | 4.948989 |
| Stddev | .01859   | .008831  | .021264  | .018425  | .003785  | .019940  | .023042  |
| %RSD   | .0743444 | .1861605 | .4148976 | .3750088 | .0785997 | .3924362 | .4655999 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.00594 | 4.739069 | 5.117215 | 4.908176 | 4.817937 | 5.079769 | 4.941395 |
| #2 | 25.03246 | 4.737758 | 5.109011 | 4.897700 | 4.811655 | 5.101744 | 4.930702 |
| #3 | 24.99662 | 4.753666 | 5.149252 | 4.933534 | 4.818455 | 5.061935 | 4.974870 |

Sample Name: CCV01      Acquired: 3/24/2025 11:21:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.860076 | 4.799683 | 4.804016 |
| Stddev | .016641  | .003843  | .053490  |
| %RSD   | .3423971 | .0800739 | 1.113439 |
| #1     | 4.862004 | 4.798109 | 4.765172 |
| #2     | 4.842555 | 4.804064 | 4.781851 |
| #3     | 4.875668 | 4.796876 | 4.865026 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3095.981 | 69916.45 | 14700.25 | 2018.454 | 4556.269 |
| Stddev    | 12.377   | 78.09    | 26.33    | 9.862    | 15.106   |
| %RSD      | .3997666 | .1116839 | .1790883 | .4885739 | .3315349 |
| #1        | 3098.432 | 69831.34 | 14689.84 | 2007.573 | 4557.357 |
| #2        | 3106.949 | 69933.23 | 14730.18 | 2026.803 | 4570.801 |
| #3        | 3082.562 | 69984.79 | 14680.71 | 2020.984 | 4540.648 |

Sample Name: CCB01      Acquired: 3/24/2025 11:26:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.002545 | -.001231 | .0007854 | -.002038 | -.000726 | .0074606 | -.005854 |
| Stddev | .002450  | .001093  | .0004869 | .001705  | .000889  | .0012655 | .000962  |
| %RSD   | 96.29075 | 88.74799 | 61.99413 | 83.65036 | 122.5229 | 16.96222 | 16.42650 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005267 | -.000916 | .0006811 | -.003155 | -.001056 | .0066346 | -.006508 |
| #2 | -.001854 | -.000331 | .0013160 | -.002885 | -.001402 | .0068296 | -.006303 |
| #3 | -.000514 | -.002447 | .0003591 | -.000076 | .000281  | .0089175 | -.004750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000013 | .0000050 | -.000559 | .0002277 | -.000027 | -.000068 | .0018598 |
| Stddev | .000065  | .0000916 | .003891  | .0001436 | .000076  | .000541  | .0033464 |
| %RSD   | 512.4318 | 1826.009 | 695.7003 | 63.06901 | 284.9859 | 793.5238 | 179.9382 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000033 | .0000905 | .003927  | .0003929 | -.000046 | -.000114 | .0054185 |
| #2 | -.000065 | .0000162 | -.003018 | .0001579 | -.000091 | .000494  | -.001224 |
| #3 | .000060  | -.000092 | -.002586 | .0001323 | .000057  | -.000584 | .001384  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001205 | -.002411 | -.000281 | .0005672 | -.101839 | .0000256 | -.000256 |
| Stddev | .000210  | .005986  | .000313  | .0001132 | .007686  | .0010222 | .000239  |
| %RSD   | 17.45278 | 248.2831 | 111.5426 | 19.96215 | 7.547428 | 3986.191 | 93.68609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001435 | -.000743 | -.000446 | .0004514 | -.110710 | .0009028 | -.000036 |
| #2 | -.001022 | .002564  | -.000477 | .0005726 | -.097167 | .0002711 | -.000219 |
| #3 | -.001159 | -.009054 | .000080  | .0006777 | -.097639 | -.001097 | -.000511 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.177232 | .0056156 | .0000869 | -.000455 | .0012828 | .0056720 | -.003711 |
| Stddev | .019208  | .0005167 | .0001862 | .000446  | .0000487 | .0034789 | .000354  |
| %RSD   | 10.83804 | 9.201033 | 214.1631 | 97.93938 | 3.797021 | 61.33388 | 9.551679 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.185456 | .0053291 | .0002932 | -.000216 | .0012327 | .0092958 | -.003304 |
| #2 | -.190959 | .0062121 | -.000069 | -.000969 | .0012857 | .0023588 | -.003873 |
| #3 | -.155280 | .0053057 | .000036  | -.000180 | .0013300 | .0053616 | -.003955 |

Sample Name: CCB01      Acquired: 3/24/2025 11:26:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004391 | -.006016 | .0000466 |
| Stddev | .003823  | .000902  | .0000500 |
| %RSD   | 87.06272 | 14.99132 | 107.3040 |
| #1     | -.003733 | -.006318 | .0001040 |
| #2     | -.000940 | -.005002 | .0000136 |
| #3     | -.008500 | -.006728 | .0000221 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3278.830 | 73834.36 | 14650.09 | 2157.434 | 5171.270 |
| Stddev    | 7.405    | 126.27   | 78.35    | 11.702   | 10.892   |
| %RSD      | .2258554 | .1710227 | .5348293 | .5424237 | .2106296 |
| #1        | 3287.171 | 73688.56 | 14703.49 | 2145.934 | 5183.488 |
| #2        | 3276.293 | 73908.35 | 14686.63 | 2157.038 | 5162.577 |
| #3        | 3273.027 | 73906.17 | 14560.14 | 2169.329 | 5167.744 |

Sample Name: Q1628-01      Acquired: 3/24/2025 11:30:54      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004069 | -.005180 | .0202328 | .0051578 | .0008700 | 1.480630 |
| Stddev | .002803  | .002014  | .0002788 | .0031695 | .0011984 | .014148  |
| %RSD   | 68.89435 | 38.87488 | 1.377928 | 61.45173 | 137.7408 | .9555094 |
| #1     | -.002472 | -.003551 | .0203432 | .0067534 | .0021324 | 1.470652 |
| #2     | -.002429 | -.004557 | .0204395 | .0072124 | .0007297 | 1.496821 |
| #3     | -.007306 | -.007432 | .0199157 | .0015075 | -.000252 | 1.474418 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0658310 | .0000033 | -.000895 | 80.23138 | .0052397 | .0021041 |
| Stddev | .0004530 | .0000430 | .000024  | .34021   | .0001694 | .0001888 |
| %RSD   | .6881345 | 1316.128 | 2.734850 | .4240328 | 3.233261 | 8.974673 |
| #1     | .0653284 | -.000044 | -.000923 | 79.83915 | .0052248 | .0022317 |
| #2     | .0659567 | .000015  | -.000884 | 80.44638 | .0050783 | .0021935 |
| #3     | .0662079 | .000039  | -.000878 | 80.40862 | .0054161 | .0018872 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1030574 | 15.08256 | .3004276 | 13.55251 | .0079115 | .0003341 |
| Stddev | .0004694 | .06303   | .0029536 | .06808   | .0000656 | .0001841 |
| %RSD   | .4555050 | .4178935 | .9831266 | .5023666 | .8292949 | 55.10238 |
| #1     | .1027155 | 15.15382 | .2970270 | 13.47435 | .0079776 | .0001582 |
| #2     | .1028640 | 15.05973 | .3023529 | 13.59889 | .0078464 | .0005254 |
| #3     | .1035926 | 15.03413 | .3019029 | 13.58429 | .0079105 | .0003186 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 329.4764 | .0068946 | .3588547 | 9.665977 | .0551942 | .0036561 |
| Stddev | 1.6773   | .0013555 | .0028004 | .056623  | .0002960 | .0001958 |
| %RSD   | .5090927 | 19.66058 | .7803634 | .5857937 | .5362864 | 5.355969 |
| #1     | 328.3049 | .0084597 | .3614202 | 9.730709 | .0553289 | .0034343 |
| #2     | 328.7263 | .0061334 | .3592767 | 9.641578 | .0548548 | .0038049 |
| #3     | 331.3979 | .0060908 | .3558673 | 9.625645 | .0553989 | .0037292 |

Sample Name: Q1628-01      Acquired: 3/24/2025 11:30:54      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | -.005081 | .0765530 | F 11.19963 | .9338525 | 9.819997 | -.005156 |
| Stddev | .000405  | .0026951 | .07257     | .0073042 | .050897  | .002018  |
| %RSD   | 7.980382 | 3.520546 | .6479879   | .7821596 | .5182966 | 39.13956 |
| #1     | -.005546 | .0734426 | 11.28270   | .9366841 | 9.828090 | -.006372 |
| #2     | -.004890 | .0780213 | 11.14854   | .9255564 | 9.765539 | -.006268 |
| #3     | -.004806 | .0781951 | 11.16765   | .9393170 | 9.866362 | -.002826 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2782586 |
| Stddev | .0011991 |
| %RSD   | .4309447 |
| #1     | .2768903 |
| #2     | .2791263 |
| #3     | .2787593 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2988.885 | 67686.29 | 15152.84 | 1961.901 | 4322.480 |
| Stddev    | 12.255   | 364.47   | 63.54    | 15.431   | 16.953   |
| %RSD      | .4100142 | .5384668 | .4193424 | .7865326 | .3922046 |
| #1        | 2988.620 | 67290.47 | 15212.23 | 1945.608 | 4322.161 |
| #2        | 3001.270 | 67760.38 | 15085.83 | 1963.801 | 4339.590 |
| #3        | 2976.764 | 68008.02 | 15160.47 | 1976.294 | 4305.688 |

Sample Name: Q1628-02      Acquired: 3/24/2025 11:35:14      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003563 | -.005892 | .0214294 | .0019349 | .0017535 | 1.776003 |
| Stddev | .0028466 | .001256  | .0022130 | .0051183 | .0036478 | .025507  |
| %RSD   | 798.9642 | 21.31914 | 10.32685 | 264.5189 | 208.0357 | 1.436230 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0035438 | -.004580 | .0213149 | .0069643 | .0030567 | 1.804877 |
| #2 | -.000542 | -.006011 | .0192759 | -.003268 | .0045707 | 1.756534 |
| #3 | -.001933 | -.007084 | .0236974 | .002108  | -.002367 | 1.766597 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0670182 | .0001046 | -.000862 | 87.01180 | .0069677 | .0023326 |
| Stddev | .0010627 | .0000277 | .000108  | .13884   | .0000809 | .0000404 |
| %RSD   | 1.585736 | 26.49359 | 12.51531 | .1595678 | 1.160416 | 1.733664 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0674172 | .0001035 | -.000979 | 87.07458 | .0069892 | .0022964 |
| #2 | .0678236 | .0000775 | -.000841 | 87.10818 | .0068782 | .0023763 |
| #3 | .0658137 | .0001329 | -.000766 | 86.85266 | .0070356 | .0023252 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0911054 | 17.83619 | .3461069 | 12.52082 | .0094456 | .0003138 |
| Stddev | .0003354 | .12315   | .0006948 | .04916   | .0002058 | .0001091 |
| %RSD   | .3681506 | .6904508 | .2007574 | .3926138 | 2.178779 | 34.76946 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0913899 | 17.89220 | .3468754 | 12.55039 | .0092943 | .0002069 |
| #2 | .0911907 | 17.92139 | .3455229 | 12.54800 | .0093626 | .0003094 |
| #3 | .0907356 | 17.69499 | .3459225 | 12.46407 | .0096800 | .0004250 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 356.4838 | .0066556 | .4043856 | 11.02352 | .0549558 | .0047826 |
| Stddev | 4.2964   | .0010581 | .0038196 | .03801   | .0009386 | .0002685 |
| %RSD   | 1.205206 | 15.89802 | .9445380 | .3448156 | 1.707912 | 5.613910 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 358.1152 | .0054344 | .4031414 | 11.01275 | .0554976 | .0045243 |
| #2 | 359.7255 | .0072335 | .4086721 | 11.06576 | .0554979 | .0047634 |
| #3 | 351.6107 | .0072989 | .4013432 | 10.99206 | .0538720 | .0050602 |

Sample Name: Q1628-02      Acquired: 3/24/2025 11:35:14      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | -.004618 | .0985719 | F 11.87064 | 1.128395 | F 10.66989 | -.001730 |
| Stddev | .000318  | .0064689 | .11146     | .001489  | .02146     | .002267  |
| %RSD   | 6.882270 | 6.562628 | .9389618   | .1319165 | .2011048   | 131.0557 |
| #1     | -.004854 | .1053399 | 11.95544   | 1.128985 | 10.65159   | -.001394 |
| #2     | -.004257 | .0924507 | 11.91209   | 1.129498 | 10.69351   | .000350  |
| #3     | -.004743 | .0979251 | 11.74440   | 1.126702 | 10.66457   | -.004146 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2907861 |
| Stddev | .0005965 |
| %RSD   | .2051349 |
| #1     | .2902056 |
| #2     | .2907552 |
| #3     | .2913974 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2941.910 | 67151.65 | 15138.64 | 1913.969 | 4265.356 |
| Stddev    | 12.013   | 486.44   | 65.42    | 15.815   | 7.321    |
| %RSD      | .4083254 | .7243864 | .4321416 | .8263129 | .1716413 |
| #1        | 2950.435 | 66985.57 | 15096.85 | 1918.423 | 4271.851 |
| #2        | 2947.124 | 66770.01 | 15105.03 | 1896.404 | 4266.793 |
| #3        | 2928.172 | 67699.38 | 15214.03 | 1927.080 | 4257.422 |



Sample Name: Q1605-02      Acquired: 3/24/2025 11:39:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004346 | -.006444 | .1348660 | .0034188 | -.002462 | .0215574 | .4474934 |
| Stddev | .000620  | .001362  | .0006149 | .0013220 | .001660  | .0049251 | .0034966 |
| %RSD   | 14.25843 | 21.14045 | .4559247 | 38.66839 | 67.42483 | 22.84656 | .7813740 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004270 | -.007823 | .1345895 | .0031873 | -.001418 | .0170412 | .4513843 |
| #2 | -.004999 | -.005099 | .1344379 | .0048412 | -.001591 | .0268088 | .4446144 |
| #3 | -.003767 | -.006409 | .1355706 | .0022279 | -.004375 | .0208221 | .4464814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000378 | .0016539 | 70.92939 | -.000012 | .0102792 | .0218072 | .3716500 |
| Stddev | .0000183 | .0000519 | .46547   | .000443  | .0000253 | .0003156 | .0033120 |
| %RSD   | 48.45529 | 3.136161 | .6562507 | 3683.564 | .2462666 | 1.447090 | .8911703 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000189 | .0017114 | 71.46434 | .000069  | .0102753 | .0219924 | .3699847 |
| #2 | .0000390 | .0016398 | 70.70699 | -.000490 | .0103062 | .0214428 | .3754642 |
| #3 | .0000555 | .0016105 | 70.61683 | .000385  | .0102560 | .0219864 | .3695011 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.353618 | 5.312784 | .0129584 | .0002787 | 387.8636 | .0004850 | .3281202 |
| Stddev | .008947  | .050470  | .0003882 | .0001849 | 3.8986   | .0007053 | .0013126 |
| %RSD   | .6609578 | .9499778 | 2.995423 | 66.34388 | 1.005151 | 145.4451 | .4000278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.363928 | 5.355855 | .0128205 | .0004804 | 383.4000 | .0004651 | .3279934 |
| #2 | 1.347895 | 5.257250 | .0133966 | .0001172 | 389.5885 | -.000210 | .3268756 |
| #3 | 1.349030 | 5.325248 | .0126580 | .0002385 | 390.6022 | .001200  | .3294916 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.845920 | .0241531 | .0000866 | -.006106 | -.000696 | 1.483429 | .0097931 |
| Stddev | .033419  | .0007247 | .0001967 | .000689  | .000053  | .007113  | .0039779 |
| %RSD   | 1.810400 | 3.000341 | 227.2655 | 11.28720 | 7.676284 | .4794738 | 40.61959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.807435 | .0246949 | .0000594 | -.005984 | -.000650 | 1.483633 | .0089593 |
| #2 | 1.862724 | .0244345 | -.000095 | -.006848 | -.000755 | 1.476217 | .0062982 |
| #3 | 1.867602 | .0233299 | .000295  | -.005486 | -.000683 | 1.490438 | .0141218 |

Sample Name: Q1605-02      Acquired: 3/24/2025 11:39:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7923590 | -.017771 | .1864561 |
| Stddev | .0001977 | .000146  | .0012175 |
| %RSD   | .0249482 | .8238995 | .6529558 |
| #1     | .7925182 | -.017678 | .1877996 |
| #2     | .7921377 | -.017940 | .1854258 |
| #3     | .7924209 | -.017696 | .1861429 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2931.487 | 66693.04 | 15314.59 | 1898.511 | 4245.551 |
| Stddev    | 14.805   | 69.85    | 118.41   | 4.408    | 15.628   |
| %RSD      | .5050288 | .1047388 | .7731560 | .2321905 | .3681131 |
| #1        | 2948.571 | 66743.80 | 15194.02 | 1899.710 | 4263.420 |
| #2        | 2923.488 | 66613.37 | 15319.05 | 1902.195 | 4234.434 |
| #3        | 2922.402 | 66721.95 | 15430.70 | 1893.627 | 4238.799 |

Sample Name: Q1583-02      Acquired: 3/24/2025 11:43:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005625 | -.005766 | .0182007 | .0039957 | -.002311 | .0554026 | -.002430 |
| Stddev | .001119  | .001187  | .0014180 | .0027674 | .002098  | .0043265 | .000859  |
| %RSD   | 19.88937 | 20.58779 | 7.790902 | 69.25987 | 90.81342 | 7.809139 | 35.34276 |
| #1     | -.006283 | -.006316 | .0174260 | .0017545 | -.003487 | .0556185 | -.003206 |
| #2     | -.004333 | -.004404 | .0198373 | .0070890 | -.003557 | .0596170 | -.002576 |
| #3     | -.006259 | -.006578 | .0173389 | .0031437 | .000112  | .0509722 | -.001507 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000109 | .0000751 | 17.77563 | .0029110 | -.000174 | .2898228 | .6100907 |
| Stddev | .000044  | .0000758 | .32702   | .0002589 | .000067  | .0009552 | .0015964 |
| %RSD   | 40.58360 | 100.9027 | 1.839725 | 8.893182 | 38.60379 | .3295754 | .2616608 |
| #1     | -.000099 | .0000805 | 17.41197 | .0029144 | -.000240 | .2906725 | .6088864 |
| #2     | -.000070 | -.000003 | 17.86938 | .0026505 | -.000106 | .2887889 | .6119014 |
| #3     | -.000157 | .000148  | 18.04553 | .0031683 | -.000175 | .2900069 | .6094844 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0217352 | 3.719559 | .0030649 | .0004723 | 59.19837 | .0005875 | .9140762 |
| Stddev | .0005285 | .086944  | .0002681 | .0000411 | .34570   | .0012367 | .0018434 |
| %RSD   | 2.431500 | 2.337485 | 8.746763 | 8.713988 | .5839658 | 210.5101 | .2016667 |
| #1     | .0212577 | 3.620571 | .0029247 | .0004251 | 58.99458 | .0018759 | .9135375 |
| #2     | .0223031 | 3.754547 | .0028959 | .0004914 | 59.59752 | .0004766 | .9161290 |
| #3     | .0216450 | 3.783558 | .0033740 | .0005004 | 59.00301 | -.000590 | .9125622 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.06086 | .0773280 | .0004602 | -.003489 | .0021380 | 7.283261 | 2.556056 |
| Stddev | .14430   | .0014649 | .0001763 | .000520  | .0005424 | .046698  | .010416  |
| %RSD   | .8458161 | 1.894362 | 38.30599 | 14.89315 | 25.36839 | .6411716 | .4074968 |
| #1     | 16.92090 | .0756615 | .0006406 | -.002891 | .0026869 | 7.244728 | 2.557422 |
| #2     | 17.20914 | .0779104 | .0002884 | -.003754 | .0016024 | 7.335194 | 2.545025 |
| #3     | 17.05255 | .0784121 | .0004514 | -.003823 | .0021247 | 7.269860 | 2.565722 |

Sample Name: Q1583-02      Acquired: 3/24/2025 11:43:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.252930 | -.008194 | .1024381 |
| Stddev | .026504  | .001447  | .0016639 |
| %RSD   | .3654187 | 17.65726 | 1.624269 |
| #1     | 7.264485 | -.008037 | .1005272 |
| #2     | 7.222611 | -.009712 | .1032215 |
| #3     | 7.271694 | -.006832 | .1035657 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3035.157 | 71276.54 | 15617.72 | 1987.959 | 4655.980 |
| Stddev    | 11.453   | 196.85   | 217.73   | 7.499    | 21.771   |
| %RSD      | .3773364 | .2761826 | 1.394149 | .3772232 | .4675857 |
| #1        | 3024.061 | 71197.03 | 15837.13 | 1986.799 | 4638.635 |
| #2        | 3046.936 | 71131.88 | 15614.32 | 1981.107 | 4680.411 |
| #3        | 3034.475 | 71500.72 | 15401.71 | 1995.970 | 4648.894 |

Sample Name: Q1583-02DUP      Acquired: 3/24/2025 11:48:09      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005698 | -.005172 | .0179149 | .0018076 | -.000899 | .0476089 | -.001053 |
| Stddev | .003115  | .000764  | .0010439 | .0046853 | .000610  | .0039844 | .000103  |
| %RSD   | 54.66107 | 14.78018 | 5.827229 | 259.1985 | 67.88914 | 8.368969 | 9.805369 |
| #1     | -.002143 | -.005583 | .0177373 | .0054148 | -.001400 | .0462162 | -.001136 |
| #2     | -.007006 | -.005643 | .0190363 | .0034959 | -.000219 | .0521027 | -.001085 |
| #3     | -.007946 | -.004290 | .0169712 | -.003488 | -.001077 | .0445078 | -.000937 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000084 | .0000776 | 18.10044 | .0025742 | -.000108 | .2857623 | .6165250 |
| Stddev | .000036  | .0001068 | .48539   | .0001490 | .000038  | .0012447 | .0106511 |
| %RSD   | 42.98264 | 137.5026 | 2.681652 | 5.787618 | 35.08359 | .4355576 | 1.727595 |
| #1     | -.000099 | -.000019 | 18.57742 | .0027051 | -.000098 | .2844409 | .6278000 |
| #2     | -.000043 | .000192  | 18.11685 | .0024121 | -.000077 | .2869125 | .6151418 |
| #3     | -.000110 | .000060  | 17.60705 | .0026056 | -.000151 | .2859333 | .6066331 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0219454 | 3.773754 | .0033156 | .0001911 | 59.28039 | .0007193 | .9029418 |
| Stddev | .0008055 | .106544  | .0001724 | .0001732 | .46467   | .0016172 | .0066935 |
| %RSD   | 3.670649 | 2.823301 | 5.200031 | 90.65877 | .7838544 | 224.8226 | .7413012 |
| #1     | .0225589 | 3.877111 | .0034476 | .0002761 | 59.76933 | .0022294 | .9103606 |
| #2     | .0222442 | 3.779866 | .0033787 | -.000008 | 59.22731 | -.000987 | .9011099 |
| #3     | .0210332 | 3.664285 | .0031205 | .000305  | 58.84455 | .000916  | .8973550 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.92998 | .0795325 | .0005165 | -.003042 | .0016678 | 7.186434 | 2.540670 |
| Stddev | .11623   | .0020722 | .0001374 | .000438  | .0001418 | .052449  | .021769  |
| %RSD   | .6865099 | 2.605454 | 26.59325 | 14.40440 | 8.502090 | .7298342 | .8568371 |
| #1     | 17.05990 | .0815842 | .0003893 | -.003547 | .0015852 | 7.243801 | 2.517091 |
| #2     | 16.89416 | .0795729 | .0006621 | -.002814 | .0015865 | 7.174563 | 2.544914 |
| #3     | 16.83588 | .0774405 | .0004981 | -.002764 | .0018315 | 7.140938 | 2.560005 |

Sample Name: Q1583-02DUP      Acquired: 3/24/2025 11:48:09      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.176477 | -.008906 | .1043562 |
| Stddev | .020214  | .001052  | .0027370 |
| %RSD   | .2816680 | 11.80804 | 2.622774 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.153203 | -.009518 | .1069332 |
| #2 | 7.189648 | -.007692 | .1046522 |
| #3 | 7.186579 | -.009509 | .1014832 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3099.169 | 72297.51 | 15463.30 | 2054.067 | 4729.492 |
| Stddev    | 12.084   | 411.02   | 368.70   | 27.120   | 17.685   |
| %RSD      | .3899250 | .5685052 | 2.384386 | 1.320308 | .3739268 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3112.249 | 71868.55 | 15128.26 | 2023.087 | 4749.712 |
| #2 | 3096.840 | 72336.14 | 15403.33 | 2065.600 | 4721.859 |
| #3 | 3088.419 | 72687.85 | 15858.31 | 2073.515 | 4716.906 |

Sample Name: Q1583-02LX5      Acquired: 3/24/2025 11:52:21      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002006 | -.001496 | .0047227 | .0010849 | -.000372 | .0118664 | -.007827 |
| Stddev | .001560  | .001833  | .0008711 | .0027801 | .000280  | .0045269 | .000573  |
| %RSD   | 77.73021 | 122.4798 | 18.44567 | 256.2483 | 75.33513 | 38.14875 | 7.321580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002140 | .000106  | .0037860 | .0000045 | -.000124 | .0075359 | -.007850 |
| #2 | -.000384 | -.003494 | .0048735 | .0042430 | -.000676 | .0165669 | -.008389 |
| #3 | -.003495 | -.001100 | .0055085 | -.000993 | -.000316 | .0114965 | -.007243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000068 | -.000053 | 3.692799 | .0001949 | -.000092 | .0594593 | .1239722 |
| Stddev | .000021  | .000045  | .019107  | .0004999 | .000062  | .0001334 | .0063025 |
| %RSD   | 30.54729 | 85.73839 | .5174085 | 256.5258 | 67.20715 | .2243609 | 5.083795 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000081 | -.000025 | 3.681652 | .0005611 | -.000123 | .0593973 | .1307251 |
| #2 | -.000044 | -.000105 | 3.681884 | .0003983 | -.000021 | .0596124 | .1229453 |
| #3 | -.000078 | -.000029 | 3.714861 | -.000375 | -.000132 | .0593681 | .1182462 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036998 | .7714086 | .0004691 | .0002942 | 11.18270 | .0006235 | .1842309 |
| Stddev | .0002384 | .0097441 | .0000850 | .0003159 | .04065   | .0003256 | .0005700 |
| %RSD   | 6.443810 | 1.263155 | 18.12588 | 107.3780 | .3635098 | 52.22582 | .3094117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039555 | .7700788 | .0004862 | .0001849 | 11.22855 | .0002779 | .1848371 |
| #2 | .0034837 | .7623977 | .0005443 | .0006501 | 11.16848 | .0009246 | .1837058 |
| #3 | .0036602 | .7817493 | .0003769 | .0000475 | 11.15107 | .0006680 | .1841497 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.226326 | .0152860 | .0000543 | -.001051 | .0010683 | 1.408202 | .5059034 |
| Stddev | .006981  | .0002256 | .0000367 | .000159  | .0006852 | .012099  | .0027969 |
| %RSD   | .2163680 | 1.475811 | 67.69113 | 15.16494 | 64.13368 | .8591634 | .5528611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.233810 | .0155450 | .0000165 | -.000881 | .0016504 | 1.417028 | .5026737 |
| #2 | 3.225176 | .0151811 | .0000899 | -.001196 | .0003133 | 1.394411 | .5075154 |
| #3 | 3.219992 | .0151320 | .0000566 | -.001075 | .0012413 | 1.413167 | .5075209 |

Sample Name: Q1583-02LX5      Acquired: 3/24/2025 11:52:21      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.426238 | .0002729 | .0214164 |
| Stddev | .005207  | .0008293 | .0000579 |
| %RSD   | .3650603 | 303.8797 | .2704206 |
| #1     | 1.424958 | .0002829 | .0214421 |
| #2     | 1.431965 | -.000561 | .0213500 |
| #3     | 1.421790 | .001097  | .0214570 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3249.474 | 74788.65 | 15448.80 | 2154.818 | 5102.359 |
| Stddev    | 4.816    | 228.36   | 81.92    | 7.457    | 9.082    |
| %RSD      | .1482009 | .3053408 | .5302770 | .3460743 | .1779879 |
| #1        | 3248.126 | 74535.68 | 15431.62 | 2146.328 | 5100.775 |
| #2        | 3245.475 | 74979.57 | 15537.95 | 2157.821 | 5094.174 |
| #3        | 3254.820 | 74850.70 | 15376.84 | 2160.306 | 5112.129 |



Sample Name: Q1583-02MS      Acquired: 3/24/2025 11:56:38      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7554151 | 1.771475 | .8854265 | 1.847768 | .8026839 | 1.906364 | .1768557 |
| Stddev | .0032167 | .021023  | .0039841 | .007826  | .0031679 | .004747  | .0010449 |
| %RSD   | .4258200 | 1.186730 | .4499586 | .4235545 | .3946606 | .2490169 | .5908442 |
| #1     | .7518532 | 1.747703 | .8808467 | 1.838809 | .7991927 | 1.906975 | .1766184 |
| #2     | .7562841 | 1.779105 | .8880928 | 1.851227 | .8053750 | 1.910776 | .1779988 |
| #3     | .7581081 | 1.787617 | .8873400 | 1.853269 | .8034841 | 1.901340 | .1759497 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1665347 | .1775436 | 18.74147 | .3904383 | .1845293 | .5744249 | 3.413394 |
| Stddev | .0004621 | .0003213 | .03646   | .0004528 | .0008038 | .0013849 | .009507  |
| %RSD   | .2775063 | .1809504 | .1945325 | .1159829 | .4355734 | .2410950 | .2785330 |
| #1     | .1662370 | .1771741 | 18.73374 | .3899187 | .1836356 | .5729211 | 3.404787 |
| #2     | .1662999 | .1777561 | 18.78118 | .3907486 | .1851929 | .5747059 | 3.411797 |
| #3     | .1670671 | .1777008 | 18.70950 | .3906477 | .1847593 | .5756478 | 3.423599 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1988564 | 5.444844 | .4602362 | .0317584 | 61.81608 | .2766232 | 1.082550 |
| Stddev | .0001980 | .014254  | .0013195 | .0000851 | .12605   | .0010012 | .004648  |
| %RSD   | .0995517 | .2617979 | .2866946 | .2679103 | .2039189 | .3619245 | .4293588 |
| #1     | .1986299 | 5.446589 | .4587387 | .0316709 | 61.95701 | .2754869 | 1.085123 |
| #2     | .1989433 | 5.458147 | .4607416 | .0318408 | 61.71410 | .2770073 | 1.085343 |
| #3     | .1989961 | 5.429798 | .4612283 | .0317635 | 61.77712 | .2773755 | 1.077185 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.68882 | .3087021 | .4185158 | .6382037 | .1843088 | 7.984964 | 7.896668 |
| Stddev | .00907   | .0008861 | .0013652 | .0037204 | .0003175 | .020467  | .047766  |
| %RSD   | .0339861 | .2870423 | .3262033 | .5829527 | .1722735 | .2563164 | .6048844 |
| #1     | 26.69869 | .3084414 | .4169396 | .6369189 | .1839500 | 8.003557 | 7.846162 |
| #2     | 26.68695 | .3079756 | .4193263 | .6352959 | .1844232 | 7.988301 | 7.902726 |
| #3     | 26.68084 | .3096893 | .4192815 | .6423962 | .1845533 | 7.963033 | 7.941115 |

Sample Name: Q1583-02MS      Acquired: 3/24/2025 11:56:38      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.066392 | .1817057 | .2850209 |
| Stddev | .045477  | .0011919 | .0004529 |
| %RSD   | .6435610 | .6559388 | .1588851 |
| #1     | 7.013880 | .1824069 | .2854498 |
| #2     | 7.092678 | .1803295 | .2850656 |
| #3     | 7.092618 | .1823806 | .2845474 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3077.183 | 71822.40 | 15549.21 | 2019.518 | 4691.948 |
| Stddev    | 6.695    | 122.56   | 16.65    | 12.716   | 10.318   |
| %RSD      | .2175645 | .1706370 | .1071113 | .6296794 | .2199173 |
| #1        | 3084.854 | 71745.06 | 15548.63 | 2011.007 | 4703.850 |
| #2        | 3074.177 | 71758.43 | 15532.85 | 2013.412 | 4685.511 |
| #3        | 3072.518 | 71963.70 | 15566.15 | 2034.136 | 4686.484 |

Sample Name: Q1583-02MSD      Acquired: 3/24/2025 12:00:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7575672 | 1.762046 | .8832978 | 1.854409 | .8089380 | 1.903959 | .1728168 |
| Stddev | .0043869 | .004596  | .0011400 | .005078  | .0017381 | .001817  | .0015377 |
| %RSD   | .5790717 | .2608418 | .1290657 | .2738139 | .2148618 | .0954147 | .8897577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7591765 | 1.764782 | .8831151 | 1.856808 | .8076052 | 1.904879 | .1741597 |
| #2 | .7526030 | 1.756739 | .8822601 | 1.848577 | .8083049 | 1.905131 | .1731515 |
| #3 | .7609221 | 1.764615 | .8845181 | 1.857843 | .8109039 | 1.901866 | .1711395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1663088 | .1766326 | 18.64072 | .3909519 | .1834827 | .5740974 | 3.423728 |
| Stddev | .0006825 | .0005673 | .07182   | .0004798 | .0006056 | .0007539 | .019198  |
| %RSD   | .4103940 | .3211586 | .3852991 | .1227330 | .3300825 | .1313159 | .5607314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1662951 | .1766972 | 18.65747 | .3908792 | .1839874 | .5739851 | 3.445894 |
| #2 | .1669980 | .1760358 | 18.70268 | .3905125 | .1828111 | .5734059 | 3.412388 |
| #3 | .1656332 | .1771649 | 18.56200 | .3914639 | .1836495 | .5749011 | 3.412902 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1966339 | 5.431856 | .4572249 | .0378587 | 61.65870 | .2746254 | 1.089296 |
| Stddev | .0010894 | .031315  | .0014826 | .0054518 | .34895   | .0010532 | .002311  |
| %RSD   | .5540346 | .5765054 | .3242597 | 14.40027 | .5659341 | .3834990 | .2121301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1966395 | 5.450819 | .4567693 | .0424322 | 62.05314 | .2754506 | 1.090255 |
| #2 | .1977205 | 5.449037 | .4560236 | .0393181 | 61.53272 | .2734392 | 1.090974 |
| #3 | .1955417 | 5.395711 | .4588819 | .0318257 | 61.39023 | .2749864 | 1.086661 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.81445 | .3099621 | .4199959 | .6355387 | .1828555 | 8.061173 | 7.836458 |
| Stddev | .13969   | .0007904 | .0010054 | .0023845 | .0005923 | .013839  | .027622  |
| %RSD   | .5209537 | .2550001 | .2393861 | .3751932 | .3239144 | .1716755 | .3524795 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.97332 | .3101825 | .4207175 | .6360726 | .1834655 | 8.074435 | 7.833180 |
| #2 | 26.71087 | .3106189 | .4188475 | .6329326 | .1828183 | 8.046821 | 7.810622 |
| #3 | 26.75915 | .3090848 | .4204228 | .6376110 | .1822826 | 8.062263 | 7.865573 |

Sample Name: Q1583-02MSD      Acquired: 3/24/2025 12:00:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.036039 | .1792092 | .2811258 |
| Stddev | .011687  | .0023646 | .0014085 |
| %RSD   | .1660955 | 1.319489 | .5010191 |
| #1     | 7.040599 | .1817156 | .2822661 |
| #2     | 7.022759 | .1788942 | .2815600 |
| #3     | 7.044757 | .1770179 | .2795513 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3073.386 | 70883.44 | 15561.19 | 1988.033 | 4713.574 |
| Stddev    | 9.872    | 216.09   | 54.35    | 13.002   | 11.677   |
| %RSD      | .3212021 | .3048524 | .3492585 | .6540230 | .2477268 |
| #1        | 3062.097 | 70635.76 | 15523.78 | 1973.566 | 4700.212 |
| #2        | 3077.663 | 71033.47 | 15536.25 | 1991.792 | 4721.815 |
| #3        | 3080.398 | 70981.08 | 15623.53 | 1998.742 | 4718.696 |

Sample Name: Q1583-02A      Acquired: 3/24/2025 12:04:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7610684 | 1.758729 | .8880432 | 1.877405 | .8131891 | 1.917636 | .1759139 |
| Stddev | .0014266 | .022129  | .0037887 | .005629  | .0038147 | .006778  | .0005425 |
| %RSD   | .1874461 | 1.258225 | .4266367 | .2998118 | .4691005 | .3534574 | .3083921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7623984 | 1.779764 | .8914421 | 1.881563 | .8148407 | 1.925101 | .1764200 |
| #2 | .7595617 | 1.735648 | .8887291 | 1.879652 | .8088269 | 1.915943 | .1759806 |
| #3 | .7612451 | 1.760774 | .8839584 | 1.870999 | .8158997 | 1.911866 | .1753412 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1659697 | .1773728 | 18.76706 | .3925650 | .1839853 | .5763726 | 3.489182 |
| Stddev | .0003286 | .0009690 | .06253   | .0039114 | .0004027 | .0008035 | .023433  |
| %RSD   | .1979826 | .5463313 | .3331754 | .9963623 | .2188566 | .1393976 | .6716012 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1657936 | .1784687 | 18.74970 | .3899421 | .1844430 | .5767720 | 3.475143 |
| #2 | .1663488 | .1770209 | 18.83644 | .3906924 | .1838274 | .5768981 | 3.476169 |
| #3 | .1657667 | .1766289 | 18.71505 | .3970607 | .1836856 | .5754477 | 3.516234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1993957 | 5.437857 | .4586175 | .0452296 | 63.13433 | .2774006 | 1.096357 |
| Stddev | .0004422 | .030598  | .0017450 | .0148288 | .81682   | .0017060 | .010098  |
| %RSD   | .2217727 | .5626903 | .3804913 | 32.78553 | 1.293775 | .6149821 | .9210951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1989634 | 5.407450 | .4605008 | .0316232 | 62.62041 | .2760738 | 1.086469 |
| #2 | .1993766 | 5.468643 | .4582965 | .0610351 | 62.70638 | .2768029 | 1.095947 |
| #3 | .1998472 | 5.437477 | .4570554 | .0430306 | 64.07620 | .2793249 | 1.106654 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 27.24749 | .3106963 | .4193617 | .6386267 | .1860696 | 8.137211 | 7.828238 |
| Stddev | .32591   | .0003332 | .0012470 | .0021427 | .0004981 | .063323  | .044892  |
| %RSD   | 1.196109 | .1072396 | .2973559 | .3355219 | .2676930 | .7781879 | .5734653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 27.06672 | .3110764 | .4206862 | .6408720 | .1861721 | 8.108529 | 7.874324 |
| #2 | 27.05204 | .3104548 | .4191885 | .6366039 | .1855282 | 8.093304 | 7.784643 |
| #3 | 27.62373 | .3105576 | .4182103 | .6384042 | .1865084 | 8.209800 | 7.825749 |

Sample Name: Q1583-02A      Acquired: 3/24/2025 12:04:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.101781 | .1837642 | .2851357 |
| Stddev | .032808  | .0002930 | .0001937 |
| %RSD   | .4619682 | .1594461 | .0679327 |
| #1     | 7.137688 | .1838437 | .2849129 |
| #2     | 7.073369 | .1840092 | .2852296 |
| #3     | 7.094286 | .1834396 | .2852644 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3067.624 | 70944.41 | 15627.33 | 1995.028 | 4688.375 |
| Stddev    | 10.889   | 691.29   | 69.42    | 15.199   | 22.638   |
| %RSD      | .3549744 | .9744120 | .4442372 | .7618496 | .4828476 |
| #1        | 3055.345 | 71525.01 | 15654.44 | 2012.029 | 4662.306 |
| #2        | 3071.421 | 71128.53 | 15548.44 | 1990.299 | 4699.742 |
| #3        | 3076.107 | 70179.70 | 15679.10 | 1982.755 | 4703.077 |

Sample Name: PB167178BL      Acquired: 3/24/2025 12:08:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001319 | -.001247 | .0009727 | .0002675 | -.000858 | .0037629 | -.009120 |
| Stddev | .002469  | .001021  | .0007428 | .0013287 | .000912  | .0044983 | .000659  |
| %RSD   | 187.2000 | 81.87056 | 76.36425 | 496.7116 | 106.2506 | 119.5429 | 7.223341 |
| #1     | -.003116 | -.001764 | .0001609 | .0017819 | -.000714 | .0079523 | -.009604 |
| #2     | -.002337 | -.000071 | .0016185 | -.000702 | -.000027 | .0043274 | -.008370 |
| #3     | .001496  | -.001907 | .0011388 | -.000277 | -.001833 | -.000991 | -.009387 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000042 | -.000073 | -.007287 | -.000002 | -.000036 | .0002452 | -.001770 |
| Stddev | .0000181 | .000044  | .004517  | .000275  | .000079  | .0002915 | .003269  |
| %RSD   | 432.4714 | 60.23090 | 61.98267 | 14918.56 | 221.3166 | 118.8842 | 184.7061 |
| #1     | .0000249 | -.000030 | -.007269 | .000269  | -.000119 | .0003639 | -.005292 |
| #2     | -.000008 | -.000072 | -.011814 | .000005  | -.000028 | -.000087 | -.001185 |
| #3     | -.000004 | -.000118 | -.002780 | -.000280 | .000039  | .000459  | .001167  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001167 | -.007863 | .0000225 | .0005370 | -.032557 | .0008975 | -.000141 |
| Stddev | .000087  | .006912  | .0001655 | .0001103 | .018892  | .0005112 | .000283  |
| %RSD   | 7.415500 | 87.91197 | 737.1164 | 20.53552 | 58.02532 | 56.95739 | 201.0973 |
| #1     | -.001263 | -.009037 | -.000168 | .0005391 | -.049616 | .0003698 | -.000467 |
| #2     | -.001095 | -.000438 | .000110  | .0004256 | -.012254 | .0013905 | .000005  |
| #3     | -.001143 | -.014113 | .000125  | .0006461 | -.035802 | .0009323 | .000040  |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.045031 | -.002798 | -.000276 | -.000517 | .0010788 | .0044802 | -.000802 |
| Stddev | .017432  | .000331  | .000217  | .000805  | .0002981 | .0044964 | .001068  |
| %RSD   | 38.71065 | 11.83748 | 78.80388 | 155.7127 | 27.62905 | 100.3606 | 133.2884 |
| #1     | -.060717 | -.002479 | -.000336 | .000316  | .0008188 | .0073722 | -.001210 |
| #2     | -.048112 | -.003141 | -.000035 | -.000577 | .0014041 | .0067684 | -.001605 |
| #3     | -.026264 | -.002775 | -.000456 | -.001291 | .0010134 | -.000700 | .000411  |

Sample Name: PB167178BL      Acquired: 3/24/2025 12:08:37      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001465 | -.000797 | .0000060 |
| Stddev | .002568  | .000511  | .0000511 |
| %RSD   | 175.2590 | 64.07439 | 850.9083 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004378 | -.000234 | -.000032 |
| #2 | .000473  | -.000927 | .000064  |
| #3 | -.000491 | -.001231 | -.000014 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3311.962 | 75394.74 | 15037.13 | 2176.321 | 5267.768 |
| Stddev    | 12.666   | 1154.71  | 52.18    | 28.042   | 20.002   |
| %RSD      | .3824187 | 1.531550 | .3470263 | 1.288484 | .3797140 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3304.131 | 76648.01 | 15071.05 | 2207.403 | 5253.419 |
| #2 | 3305.181 | 74373.97 | 14977.04 | 2152.920 | 5259.269 |
| #3 | 3326.574 | 75162.25 | 15063.31 | 2168.642 | 5290.617 |



Sample Name: CCV02      Acquired: 3/24/2025 12:12:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | 5.006897 | 4.866575 | 4.831423 | 5.068784 | 5.145866 | 9.804395 | 9.556593 |
| Stddev | .002701  | .021928  | .013876  | .003960  | .013195  | .031565  | .078779  |
| %RSD   | .0539356 | .4505879 | .2872031 | .0781238 | .2564240 | .3219471 | .8243384 |
| #1     | 5.005904 | 4.874619 | 4.815441 | 5.064973 | 5.133147 | 9.811441 | 9.467197 |
| #2     | 5.004834 | 4.883345 | 4.838440 | 5.068500 | 5.144961 | 9.831841 | 9.586720 |
| #3     | 5.009953 | 4.841761 | 4.840390 | 5.072878 | 5.159491 | 9.769902 | 9.615862 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2373558 | 2.398040 | 23.45506 | .9824042 | 2.413721 | 1.262812 | 4.713902 |
| Stddev | .0006437 | .008872  | .11582   | .0079835 | .007648  | .002203  | .039996  |
| %RSD   | .2711971 | .3699652 | .4938034 | .8126504 | .3168583 | .1744901 | .8484586 |
| #1     | .2373730 | 2.388024 | 23.48294 | .9915112 | 2.405047 | 1.260436 | 4.759984 |
| #2     | .2379908 | 2.404910 | 23.55440 | .9790891 | 2.419497 | 1.264788 | 4.688221 |
| #3     | .2367037 | 2.401187 | 23.32784 | .9766123 | 2.416618 | 1.263210 | 4.693501 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.304532 | 23.45486 | 2.415374 | 1.231033 | 23.69985 | 2.389597 | 2.491826 |
| Stddev | .006732  | .09952   | .008690  | .009675  | .30846   | .005923  | .021503  |
| %RSD   | .2921356 | .4243183 | .3597966 | .7858981 | 1.301534 | .2478687 | .8629328 |
| #1     | 2.309944 | 23.49746 | 2.405467 | 1.242116 | 24.05591 | 2.396401 | 2.515978 |
| #2     | 2.306659 | 23.52599 | 2.421711 | 1.226702 | 23.52965 | 2.386793 | 2.484740 |
| #3     | 2.296993 | 23.34112 | 2.418943 | 1.224280 | 23.51398 | 2.385596 | 2.474760 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.27668 | 4.731551 | 5.078440 | 4.845861 | 4.757522 | 4.875713 | 5.032973 |
| Stddev | .26332   | .021331  | .005446  | .014114  | .013663  | .025892  | .012694  |
| %RSD   | 1.084653 | .4508349 | .1072361 | .2912522 | .2871903 | .5310378 | .2522226 |
| #1     | 24.56819 | 4.741992 | 5.072157 | 4.829963 | 4.770322 | 4.900185 | 5.020397 |
| #2     | 24.05606 | 4.745651 | 5.081806 | 4.856915 | 4.759108 | 4.848603 | 5.045782 |
| #3     | 24.20580 | 4.707010 | 5.081358 | 4.850704 | 4.743135 | 4.878350 | 5.032741 |

Sample Name: CCV02      Acquired: 3/24/2025 12:12:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.874019 | 4.829754 | 4.779949 |
| Stddev | .016697  | .023218  | .024347  |
| %RSD   | .3425682 | .4807200 | .5093627 |
| #1     | 4.861639 | 4.856520 | 4.774929 |
| #2     | 4.893009 | 4.817685 | 4.806415 |
| #3     | 4.867409 | 4.815056 | 4.758503 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3127.708 | 72195.56 | 14808.79 | 2083.818 | 4591.001 |
| Stddev    | 3.362    | 474.72   | 61.75    | 20.479   | 12.132   |
| %RSD      | .1074992 | .6575523 | .4169511 | .9827750 | .2642479 |
| #1        | 3131.502 | 71667.33 | 14813.25 | 2061.177 | 4604.163 |
| #2        | 3125.099 | 72332.83 | 14744.93 | 2089.227 | 4580.268 |
| #3        | 3126.522 | 72586.52 | 14868.18 | 2101.049 | 4588.571 |

Sample Name: CCB02      Acquired: 3/24/2025 12:17:08      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | .0004287 | .0000405 | .0005114 | -.002358 | -.002201 | .0045082 | -.007926 |
| Stddev | .0018945 | .0017134 | .0005198 | .001776  | .000421  | .0074999 | .000570  |
| %RSD   | 441.8656 | 4232.785 | 101.6475 | 75.33524 | 19.10319 | 166.3591 | 7.192420 |
| #1     | -.000037 | -.001786 | .0006605 | -.003209 | -.002138 | -.004019 | -.008381 |
| #2     | .002513  | .001612  | .0009404 | -.003549 | -.001816 | .007463  | -.007286 |
| #3     | -.001190 | .000296  | -.000067 | -.000316 | -.002650 | .010081  | -.008110 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000024 | -.000005 | -.000581 | .0000024 | -.000075 | -.000520 | -.000874 |
| Stddev | .000067  | .000026  | .005826  | .0000862 | .000206  | .000098  | .007599  |
| %RSD   | 282.5485 | 553.5017 | 1002.424 | 3519.428 | 274.9743 | 18.93225 | 869.4313 |
| #1     | -.000050 | -.000035 | .000522  | -.000097 | .000161  | -.000562 | .007888  |
| #2     | .000052  | .000014  | .004614  | .000047  | -.000216 | -.000590 | -.005650 |
| #3     | -.000073 | .000007  | -.006880 | .000057  | -.000170 | -.000407 | -.004861 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000966 | -.008122 | .0000251 | .0003653 | -.080530 | -.000187 | -.000104 |
| Stddev | .000141  | .013104  | .0000741 | .0001797 | .003977  | .000504  | .000307  |
| %RSD   | 14.58850 | 161.3355 | 295.6854 | 49.18536 | 4.938316 | 270.0624 | 295.5071 |
| #1     | -.001040 | -.020707 | .0000388 | .0002614 | -.076841 | -.000625 | .000250  |
| #2     | -.000803 | .005446  | .0000914 | .0002618 | -.080005 | .000364  | -.000289 |
| #3     | -.001054 | -.009107 | -.000055 | .0005728 | -.084743 | -.000299 | -.000272 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.094371 | .0046823 | .0001409 | -.000231 | .0012859 | .0061077 | -.000866 |
| Stddev | .003696  | .0003107 | .0001515 | .000477  | .0002064 | .0004396 | .001466  |
| %RSD   | 3.916306 | 6.636681 | 107.5515 | 206.1181 | 16.05026 | 7.196743 | 169.3304 |
| #1     | -.098561 | .0049581 | .0000808 | .000016  | .0014862 | .0059526 | -.001919 |
| #2     | -.091573 | .0047433 | .0003132 | -.000781 | .0010739 | .0057668 | -.001487 |
| #3     | -.092980 | .0043456 | .0000286 | .000071  | .0012975 | .0066038 | .000809  |

Sample Name: CCB02      Acquired: 3/24/2025 12:17:08      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002315 | -.005145 | .0001043 |
| Stddev | .000581  | .000688  | .0001294 |
| %RSD   | 25.09468 | 13.36392 | 124.0514 |
| #1     | -.002398 | -.004399 | .0001485 |
| #2     | -.001697 | -.005753 | .0002059 |
| #3     | -.002850 | -.005284 | -.000041 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3266.614 | 74405.96 | 15169.79 | 2141.827 | 5225.275 |
| Stddev    | 7.978    | 104.76   | 35.16    | 9.889    | 19.015   |
| %RSD      | .2442390 | .1407906 | .2317741 | .4616907 | .3638971 |
| #1        | 3266.051 | 74409.86 | 15184.85 | 2140.269 | 5212.218 |
| #2        | 3274.859 | 74299.31 | 15194.92 | 2132.809 | 5247.090 |
| #3        | 3258.932 | 74508.72 | 15129.61 | 2152.402 | 5216.515 |

Sample Name: PB167178BS      Acquired: 3/24/2025 12:21:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7597193   | 1.880342 | .9063465 | 1.935954 | .8112085 | 1.887229 |
| Stddev | .0009639   | .016574  | .0010157 | .005509  | .0030457 | .008399  |
| %RSD   | .1268819   | .8814108 | .1120632 | .2845520 | .3754578 | .4450670 |
| #1     | .7588438   | 1.893731 | .9061411 | 1.935497 | .8080194 | 1.881989 |
| #2     | .7595618   | 1.885490 | .9054492 | 1.930689 | .8115190 | 1.896917 |
| #3     | .7607523   | 1.861806 | .9074491 | 1.941678 | .8140872 | 1.882781 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .1688567 | .1779023 | .1797642 | .9190550 | .3830122 | .1842629 |
| Stddev | .0005380   | .0010995 | .0003398 | .0080309 | .0068061 | .0007007 |
| %RSD   | .3186090   | .6180148 | .1890165 | .8738176 | 1.776992 | .3802927 |
| #1     | .1682512   | .1776733 | .1793735 | .9254370 | .3752132 | .1845379 |
| #2     | .1690390   | .1790982 | .1799283 | .9216905 | .3860723 | .1834664 |
| #3     | .1692798   | .1769354 | .1799907 | .9100376 | .3877511 | .1847845 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3048797   | 2.738037 | .1780788 | 1.787838 | .4620158 | .0723812 |
| Stddev | .0010754   | .050924  | .0020048 | .019908  | .0013762 | .0010331 |
| %RSD   | .3527208   | 1.859873 | 1.125809 | 1.113528 | .2978662 | 1.427332 |
| #1     | .3041869   | 2.680257 | .1762865 | 1.808221 | .4606690 | .0711955 |
| #2     | .3043336   | 2.757478 | .1802438 | 1.786850 | .4619589 | .0730877 |
| #3     | .3061185   | 2.776377 | .1777061 | 1.768441 | .4634196 | .0728604 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2.486846 | .2749571 | .1968994 | 9.025006 | .2617913 | .4051354 |
| Stddev | .054440    | .0013974 | .0035199 | .179062  | .0008756 | .0001380 |
| %RSD   | 2.189105   | .5082144 | 1.787668 | 1.984060 | .3344477 | .0340593 |
| #1     | 2.431815   | .2753810 | .1928619 | 8.848545 | .2614180 | .4052776 |
| #2     | 2.488048   | .2760934 | .1993231 | 9.019915 | .2627916 | .4050021 |
| #3     | 2.540674   | .2733968 | .1985131 | 9.206560 | .2611642 | .4051265 |

Sample Name: PB167178BS      Acquired: 3/24/2025 12:21:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6435869 | .1828107 | F .7488778 | 5.369363 | F -.011928 | .1820114 |
| Stddev | .0014983 | .0008837 | .0044693   | .010151  | .002456    | .0012299 |
| %RSD   | .2328083 | .4833959 | .5968046   | .1890516 | 20.59226   | .6757414 |
| #1     | .6434033 | .1819193 | .7460257   | 5.379931 | -.013437   | .1812689 |
| #2     | .6421888 | .1836865 | .7465790   | 5.359689 | -.009094   | .1813341 |
| #3     | .6451685 | .1828263 | .7540287   | 5.368468 | -.013253   | .1834311 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1795790 |
| Stddev | .0006651 |
| %RSD   | .3703443 |
| #1     | .1791624 |
| #2     | .1803460 |
| #3     | .1792287 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3204.519 | 74956.43 | 15425.70 | 2120.260 | 5012.740 |
| Stddev    | 6.465    | 1112.94  | 92.00    | 33.556   | 7.146    |
| %RSD      | .2017473 | 1.484777 | .5963893 | 1.582618 | .1425580 |
| #1        | 3206.982 | 76221.95 | 15428.72 | 2158.548 | 5014.851 |
| #2        | 3209.391 | 74517.25 | 15332.23 | 2106.268 | 5018.592 |
| #3        | 3197.185 | 74130.10 | 15516.15 | 2095.965 | 5004.776 |

Sample Name: Q1576-01      Acquired: 3/24/2025 12:27:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 54.08540 | .0278930 | 2.018465 | .0065796 | .0043626 | 28.41493 |
| Stddev | .04495     | .0009507 | .001488  | .0063510 | .0042324 | .06566   |
| %RSD   | .0831090   | 3.408498 | .0737430 | 96.52532 | 97.01512 | .2310813 |
| #1     | 54.13157   | .0283502 | 2.019929 | .0025716 | .0092485 | 28.47211 |
| #2     | 54.08285   | .0268000 | 2.016953 | .0139022 | .0020163 | 28.42945 |
| #3     | 54.04178   | .0285287 | 2.018513 | .0032651 | .0018231 | 28.34322 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7536656   | .0035122 | .0442538 | 301.2124 | .2737766 | .0206756 |
| Stddev | .0021409   | .0001316 | .0003644 | 4.0404   | .0003854 | .0002296 |
| %RSD   | .2840671   | 3.747661 | .8235177 | 1.341381 | .1407727 | 1.110485 |
| #1     | .7541304   | .0036628 | .0445307 | 305.6572 | .2741470 | .0209272 |
| #2     | .7555360   | .0034548 | .0438409 | 300.2176 | .2733778 | .0204773 |
| #3     | .7513305   | .0034190 | .0443897 | 297.7622 | .2738051 | .0206224 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.024840   | 383.1116 | 2.203586 | 34.97128 | .0619082 | -.000096 |
| Stddev | .001293    | .9038    | .003018  | .04674   | .0005749 | .000274  |
| %RSD   | .1261374   | .2359197 | .1369475 | .1336467 | .9286700 | 285.0953 |
| #1     | 1.026249   | 382.5586 | 2.204301 | 34.93876 | .0612446 | .000123  |
| #2     | 1.023709   | 384.1546 | 2.206181 | 35.02484 | .0622255 | -.000009 |
| #3     | 1.024562   | 382.6216 | 2.200274 | 34.95025 | .0622546 | -.000403 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 254.6439   | .0849120 | 4.775515 | 35.31441 | .2643049 | .0578678 |
| Stddev | 1.7129     | .0014188 | .014662  | .13934   | .0053258 | .0004796 |
| %RSD   | .6726693   | 1.670847 | .3070261 | .3945606 | 2.015019 | .8287192 |
| #1     | 256.2865   | .0833828 | 4.790670 | 35.27225 | .2628074 | .0582432 |
| #2     | 254.7766   | .0861856 | 4.761401 | 35.46996 | .2702192 | .0580327 |
| #3     | 252.8684   | .0851676 | 4.774473 | 35.20103 | .2598882 | .0573276 |

Sample Name: Q1576-01      Acquired: 3/24/2025 12:27:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0865519 | .4614197 | F 62.56336 | 8.622201 | F 148.3293 | .1954004 |
| Stddev | .0022015 | .0010233 | .23373     | .008583  | .1233      | .0011874 |
| %RSD   | 2.543506 | .2217675 | .3735842   | .0995422 | .0831108   | .6076831 |
| #1     | .0890158 | .4619008 | 62.49215   | 8.623654 | 148.4629   | .1955494 |
| #2     | .0858616 | .4621138 | 62.82441   | 8.612985 | 148.3050   | .1965062 |
| #3     | .0847783 | .4602445 | 62.37352   | 8.629965 | 148.2199   | .1941455 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.080787 |
| Stddev | .003604  |
| %RSD   | .3334525 |
| #1     | 1.083517 |
| #2     | 1.082141 |
| #3     | 1.076702 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2835.079 | 67065.75 | 15169.96 | 1899.473 | 4005.953 |
| Stddev    | 6.779    | 164.01   | 50.11    | 4.216    | 10.198   |
| %RSD      | .2391053 | .2445453 | .3303511 | .2219300 | .2545690 |
| #1        | 2827.277 | 66930.09 | 15112.95 | 1895.107 | 3994.370 |
| #2        | 2839.530 | 67019.15 | 15207.06 | 1903.519 | 4013.582 |
| #3        | 2838.429 | 67248.01 | 15189.88 | 1899.794 | 4009.906 |



Sample Name: Q1576-01DUP      Acquired: 3/24/2025 12:32:08      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 53.51787 | .0284011 | 2.006099 | .0032994 | .0036571 | 28.30950 |
| Stddev | .18690     | .0015449 | .008159  | .0015523 | .0024962 | .09957   |
| %RSD   | .3492258   | 5.439688 | .4066990 | 47.04810 | 68.25624 | .3517020 |
| #1     | 53.30430   | .0286590 | 1.996767 | .0036945 | .0022824 | 28.37162 |
| #2     | 53.59780   | .0267434 | 2.011884 | .0015877 | .0065385 | 28.19466 |
| #3     | 53.65152   | .0298008 | 2.009646 | .0046159 | .0021504 | 28.36222 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7585307   | .0035082 | .0442466 | 302.1930 | .2714403 | .0214338 |
| Stddev | .0038230   | .0000432 | .0019264 | 2.3402   | .0076084 | .0004065 |
| %RSD   | .5040028   | 1.232610 | 4.353710 | .7744177 | 2.802966 | 1.896391 |
| #1     | .7608869   | .0035415 | .0427183 | 300.5174 | .2775471 | .0211311 |
| #2     | .7541197   | .0035238 | .0464105 | 301.1947 | .2629172 | .0212746 |
| #3     | .7605856   | .0034593 | .0436112 | 304.8668 | .2738566 | .0218958 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.023748   | 381.9051 | 2.211715 | 35.04577 | .0618998 | -.000567 |
| Stddev | .006242    | 10.1147  | .003423  | .02898   | .0001885 | .000485  |
| %RSD   | .6097617   | 2.648492 | .1547614 | .0826913 | .3045960 | 85.50137 |
| #1     | 1.016949   | 388.5039 | 2.212573 | 35.01655 | .0616967 | -.001080 |
| #2     | 1.029221   | 370.2601 | 2.207946 | 35.07450 | .0619336 | -.000507 |
| #3     | 1.025075   | 386.9512 | 2.214628 | 35.04628 | .0620692 | -.000115 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 255.8273   | .0837304 | 4.763003 | 34.98849 | .2833071 | .0581759 |
| Stddev | 7.8026     | .0011179 | .137320  | 1.04531  | .0241252 | .0003000 |
| %RSD   | 3.049931   | 1.335078 | 2.883051 | 2.987570 | 8.515571 | .5156340 |
| #1     | 260.5036   | .0848163 | 4.874887 | 35.65118 | .3040397 | .0578465 |
| #2     | 246.8199   | .0825831 | 4.609757 | 33.78348 | .2568272 | .0582476 |
| #3     | 260.1583   | .0837920 | 4.804366 | 35.53082 | .2890543 | .0584335 |

Sample Name: Q1576-01DUP      Acquired: 3/24/2025 12:32:08      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0868911 | .4620122 | F 61.98497 | 8.563497 | F 146.9655 | .1940244 |
| Stddev | .0000956 | .0023697 | 1.69904    | .035184  | .6531      | .0031912 |
| %RSD   | .1100591 | .5129116 | 2.741055   | .4108544 | .4443749   | 1.644760 |
| #1     | .0869153 | .4637157 | 63.12421   | 8.528630 | 146.2118   | .1954956 |
| #2     | .0867857 | .4593060 | 60.03211   | 8.562874 | 147.3216   | .1903630 |
| #3     | .0869723 | .4630150 | 62.79858   | 8.598989 | 147.3632   | .1962147 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.088557 |
| Stddev | .026508  |
| %RSD   | 2.435125 |
| #1     | 1.083369 |
| #2     | 1.117276 |
| #3     | 1.065027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2852.166 | 67581.46 | 15134.45 | 1919.171 | 4031.924 |
| Stddev    | 11.971   | 1599.31  | 37.58    | 48.387   | 11.665   |
| %RSD      | .4197033 | 2.366499 | .2483260 | 2.521252 | .2893163 |
| #1        | 2865.633 | 66455.66 | 15142.66 | 1876.111 | 4043.674 |
| #2        | 2848.129 | 69412.13 | 15093.45 | 1971.534 | 4031.750 |
| #3        | 2842.736 | 66876.59 | 15167.26 | 1909.868 | 4020.346 |

Sample Name: Q1576-01LX5      Acquired: 3/24/2025 12:36:36      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 11.48189 | .0034201 | .4286256 | .0004531 | -.002138 | 5.751648 |
| Stddev | .01543     | .0020846 | .0018972 | .0033451 | .000860  | .018353  |
| %RSD   | .1344229   | 60.95322 | .4426326 | 738.3015 | 40.21007 | .3190912 |
| #1     | 11.47116   | .0044778 | .4266748 | -.001592 | -.003035 | 5.738057 |
| #2     | 11.47491   | .0047638 | .4287377 | .004313  | -.001321 | 5.772525 |
| #3     | 11.49958   | .0010186 | .4304643 | -.001362 | -.002059 | 5.744362 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1440146   | .0007430 | .0079130 | 62.54638 | .0576074 | .0041466 |
| Stddev | .0014950   | .0000744 | .0001776 | .08625   | .0001347 | .0003502 |
| %RSD   | 1.038115   | 10.01818 | 2.244067 | .1378911 | .2338420 | 8.446647 |
| #1     | .1456566   | .0007638 | .0077927 | 62.62948 | .0577629 | .0039927 |
| #2     | .1436550   | .0006604 | .0078294 | 62.55237 | .0575293 | .0045474 |
| #3     | .1427321   | .0008048 | .0081169 | 62.45730 | .0575299 | .0038997 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2202599   | 78.62326 | .4616712 | 7.344022 | .0127356 | .0003410 |
| Stddev | .0005790   | .43974   | .0005123 | .030880  | .0003116 | .0000355 |
| %RSD   | .2628643   | .5592992 | .1109663 | .4204770 | 2.446656 | 10.41690 |
| #1     | .2197277   | 79.10390 | .4622196 | 7.308679 | .0127409 | .0003684 |
| #2     | .2201755   | 78.52474 | .4612049 | 7.357607 | .0124214 | .0003537 |
| #3     | .2208764   | 78.24114 | .4615891 | 7.365781 | .0130446 | .0003008 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 48.38064   | .0171938 | 1.005515 | 6.475073 | .0546060 | .0119272 |
| Stddev | .27142     | .0007772 | .005734  | .035099  | .0019221 | .0001988 |
| %RSD   | .5610078   | 4.520303 | .5702378 | .5420654 | 3.519993 | 1.666613 |
| #1     | 48.67118   | .0164674 | 1.007899 | 6.513870 | .0548299 | .0120670 |
| #2     | 48.33716   | .0171006 | 1.009673 | 6.465825 | .0564063 | .0120150 |
| #3     | 48.13359   | .0180134 | .998974  | 6.445523 | .0525817 | .0116996 |

Sample Name: Q1576-01LX5      Acquired: 3/24/2025 12:36:36      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0144816 | .0949741 | F 12.33355 | 1.693333 | F 29.43894 | .0399195 |
| Stddev | .0005009 | .0002376 | .05306     | .008300  | .12178     | .0008010 |
| %RSD   | 3.459166 | .2502154 | .4302116   | .4901632 | .4136606   | 2.006438 |
| #1     | .0148700 | .0947174 | 12.38979   | 1.696453 | 29.39451   | .0407232 |
| #2     | .0146585 | .0951864 | 12.28438   | 1.699621 | 29.34561   | .0391213 |
| #3     | .0139162 | .0950185 | 12.32647   | 1.683925 | 29.57669   | .0399141 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2172367 |
| Stddev | .0006246 |
| %RSD   | .2875107 |
| #1     | .2175723 |
| #2     | .2176217 |
| #3     | .2165160 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3108.062 | 71030.68 | 15516.22 | 2033.827 | 4619.173 |
| Stddev    | 7.570    | 203.36   | 43.33    | 3.311    | 11.740   |
| %RSD      | .2435646 | .2863009 | .2792415 | .1627786 | .2541495 |
| #1        | 3115.308 | 70897.21 | 15534.15 | 2037.549 | 4627.164 |
| #2        | 3108.673 | 71264.73 | 15547.70 | 2031.212 | 4624.662 |
| #3        | 3100.205 | 70930.10 | 15466.80 | 2032.718 | 4605.695 |

Sample Name: Q1576-01MS      Acquired: 3/24/2025 12:40:45      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 49.22829 | 1.650904 | 2.639303 | 1.877371 | .7141099 | 29.79851 |
| Stddev | .12502     | .014707  | .006418  | .002710  | .0018228 | .15110   |
| %RSD   | .2539698   | .8908283 | .2431620 | .1443305 | .2552502 | .5070598 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 49.09991 | 1.634392 | 2.633849 | 1.874242 | .7161222 | 29.64522 |
| #2 | 49.23530 | 1.655724 | 2.637685 | 1.878880 | .7136379 | 29.94731 |
| #3 | 49.34967 | 1.662596 | 2.646375 | 1.878990 | .7125695 | 29.80300 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8720779 | .1663214 | .2144041 | 287.1968 | .6103899 | .1984006 |
| Stddev | .0034617 | .0010440 | .0007637 | 1.4428   | .0017322 | .0005204 |
| %RSD   | .3969526 | .6277333 | .3562103 | .5023775 | .2837837 | .2623003 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8682481 | .1651262 | .2137084 | 286.2997 | .6119881 | .1985274 |
| #2 | .8730013 | .1670558 | .2142825 | 288.8611 | .6085492 | .1978285 |
| #3 | .8749843 | .1667822 | .2152213 | 286.4295 | .6106322 | .1988459 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.199797 | 359.1900 | 2.230070 | 34.98735 | .4972273 | .0231770 |
| Stddev | .001006  | 1.1607   | .008490  | .16527   | .0009145 | .0001900 |
| %RSD   | .0838289 | .3231558 | .3806885 | .4723600 | .1839174 | .8199287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.198869 | 359.6776 | 2.221348 | 34.80073 | .4961897 | .0229957 |
| #2 | 1.199657 | 357.8650 | 2.238306 | 35.11520 | .4975763 | .0233747 |
| #3 | 1.200865 | 360.0274 | 2.230556 | 35.04612 | .4979159 | .0231604 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 248.8059 | .3402150 | 4.751349 | 44.79177 | .4950998 | .4447201 |
| Stddev | 2.5896   | .0035338 | .016941  | .08271   | .0025764 | .0005673 |
| %RSD   | 1.040822 | 1.038686 | .3565408 | .1846587 | .5203876 | .1275749 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 251.3608 | .3362899 | 4.763154 | 44.88291 | .4972859 | .4444706 |
| #2 | 246.1829 | .3431434 | 4.731939 | 44.72147 | .4922592 | .4443202 |
| #3 | 248.8740 | .3412116 | 4.758954 | 44.77093 | .4957543 | .4453694 |

Sample Name: Q1576-01MS      Acquired: 3/24/2025 12:40:45      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .6077002 | .5920572 | F 61.08316 | F 13.05194 | F 135.6260 | .3799328 |
| Stddev | .0008810 | .0028412 | .10734     | .02495     | .3946      | .0014561 |
| %RSD   | .1449727 | .4798862 | .1757228   | .1911732   | .2909354   | .3832449 |
| #1     | .6068400 | .5887809 | 61.05366   | 13.02869   | 135.2466   | .3783998 |
| #2     | .6076600 | .5935474 | 60.99366   | 13.04883   | 135.5973   | .3812973 |
| #3     | .6086006 | .5938433 | 61.20216   | 13.07830   | 136.0342   | .3801013 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.200100 |
| Stddev | .014678  |
| %RSD   | 1.223052 |
| #1     | 1.186006 |
| #2     | 1.215299 |
| #3     | 1.198995 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2833.729 | 65819.90 | 15158.34 | 1847.981 | 4049.211 |
| Stddev    | 1.914    | 149.02   | 50.92    | 6.564    | 4.890    |
| %RSD      | .0675584 | .2264023 | .3359252 | .3552246 | .1207608 |
| #1        | 2835.136 | 65719.55 | 15213.24 | 1843.573 | 4052.804 |
| #2        | 2834.501 | 65991.13 | 15112.65 | 1855.525 | 4051.188 |
| #3        | 2831.549 | 65749.01 | 15149.14 | 1844.844 | 4043.643 |

Sample Name: Q1576-01MSD      Acquired: 3/24/2025 12:45:10      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 51.30016 | 1.771313 | 2.804399 | 1.990175 | .7492763 | 31.57302 |
| Stddev | .15849     | .024897  | .014732  | .004720  | .0081891 | .06176   |
| %RSD   | .3089489   | 1.405579 | .5253079 | .2371619 | 1.092936 | .1955968 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 51.46538 | 1.782618 | 2.799943 | 1.992321 | .7558508 | 31.51010 |
| #2 | 51.14938 | 1.742769 | 2.792410 | 1.993440 | .7401032 | 31.57540 |
| #3 | 51.28573 | 1.788553 | 2.820844 | 1.984763 | .7518749 | 31.63355 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9144048 | .1827616 | .2308694 | 304.4511 | .6401997 | .2117613 |
| Stddev | .0041310 | .0003115 | .0017647 | 2.3803   | .0048402 | .0008145 |
| %RSD   | .4517707 | .1704316 | .7643716 | .7818469 | .7560437 | .3846274 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9097659 | .1829392 | .2309904 | 302.8122 | .6440478 | .2111212 |
| #2 | .9157622 | .1829437 | .2290473 | 307.1814 | .6417857 | .2114847 |
| #3 | .9176863 | .1824019 | .2325705 | 303.3596 | .6347654 | .2126781 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.278501 | 367.4646 | 2.371517 | 37.33777 | .5308943 | .0225952 |
| Stddev | .004821  | 1.6768   | .001155  | .08403   | .0023348 | .0001733 |
| %RSD   | .3770641 | .4563233 | .0487093 | .2250422 | .4397966 | .7668793 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.283853 | 367.9481 | 2.370614 | 37.30785 | .5306249 | .0226192 |
| #2 | 1.274499 | 368.8465 | 2.371118 | 37.43266 | .5287058 | .0227552 |
| #3 | 1.277151 | 365.5991 | 2.372819 | 37.27279 | .5333522 | .0224112 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 256.3355 | .3613361 | 5.030493 | 46.31030 | .4823177 | .4705419 |
| Stddev | 3.7053   | .0030203 | .041428  | .12813   | .0037841 | .0016204 |
| %RSD   | 1.445506 | .8358824 | .8235414 | .2766718 | .7845668 | .3443742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 256.6970 | .3579853 | 5.062139 | 46.26957 | .4782130 | .4716462 |
| #2 | 259.8469 | .3638491 | 5.045737 | 46.45384 | .4830730 | .4686817 |
| #3 | 252.4627 | .3621739 | 4.983602 | 46.20748 | .4856673 | .4712980 |

Sample Name: Q1576-01MSD      Acquired: 3/24/2025 12:45:10      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .6515198 | .6166058 | F 61.47813 | F 14.01653 | F 145.2846 | .3997870 |
| Stddev | .0032455 | .0024926 | .15333     | .06494     | .6702      | .0014034 |
| %RSD   | .4981511 | .4042540 | .2493996   | .4632903   | .4612801   | .3510271 |
| #1     | .6507272 | .6140047 | 61.51843   | 14.04365   | 145.7042   | .3981666 |
| #2     | .6487439 | .6189736 | 61.60728   | 13.94243   | 144.5117   | .4006066 |
| #3     | .6550882 | .6168392 | 61.30868   | 14.06351   | 145.6378   | .4005879 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.269526 |
| Stddev | .012216  |
| %RSD   | .9622636 |
| #1     | 1.281784 |
| #2     | 1.257352 |
| #3     | 1.269443 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2835.871 | 66277.71 | 14709.47 | 1870.470 | 4021.206 |
| Stddev    | 10.865   | 423.19   | 39.72    | 16.379   | 17.895   |
| %RSD      | .3831136 | .6385035 | .2700495 | .8756884 | .4450049 |
| #1        | 2824.229 | 66090.89 | 14714.91 | 1856.768 | 4009.251 |
| #2        | 2845.741 | 65980.07 | 14667.30 | 1866.030 | 4041.779 |
| #3        | 2837.643 | 66762.15 | 14746.18 | 1888.612 | 4012.588 |



Sample Name: Q1576-01A      Acquired: 3/24/2025 12:49:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
|--------|------------|----------|----------|----------|----------|----------|
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 49.53461 | 1.720031 | 2.705106 | 1.934418 | .8264706 | 28.48114 |
| Stddev | .07290     | .014051  | .005529  | .002850  | .0024791 | .13689   |
| %RSD   | .1471708   | .8169221 | .2043907 | .1473386 | .2999607 | .4806458 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 49.45587 | 1.720779 | 2.702664 | 1.931405 | .8280942 | 28.55035 |
| #2 | 49.54819 | 1.705620 | 2.701219 | 1.934778 | .8236171 | 28.32346 |
| #3 | 49.59977 | 1.733693 | 2.711436 | 1.937070 | .8277007 | 28.56961 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9047727 | .1756534 | .2193339 | 292.0821 | .6308316 | .2059881 |
| Stddev | .0047120 | .0006653 | .0009501 | 1.0197   | .0036548 | .0001621 |
| %RSD   | .5207930 | .3787468 | .4331545 | .3491194 | .5793595 | .0786720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9087152 | .1757856 | .2185996 | 292.9663 | .6299781 | .2059028 |
| #2 | .8995541 | .1749320 | .2189952 | 290.9666 | .6348376 | .2058866 |
| #3 | .9060489 | .1762427 | .2204069 | 292.3135 | .6276791 | .2061750 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.227628 | 366.5600 | 2.280456 | 35.33027 | .5155496 | .0478620 |
| Stddev | .003207  | 2.2854   | .013164  | .11425   | .0017510 | .0009363 |
| %RSD   | .2612637 | .6234750 | .5772644 | .3233816 | .3396324 | 1.956287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.224536 | 368.2211 | 2.293657 | 35.41084 | .5140619 | .0484460 |
| #2 | 1.227409 | 367.5054 | 2.267329 | 35.19951 | .5151079 | .0467821 |
| #3 | 1.230940 | 363.9536 | 2.280382 | 35.38046 | .5174792 | .0483581 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 250.4135 | .3530424 | 4.785778 | 45.13433 | .5033074 | .4608371 |
| Stddev | 3.7801   | .0022085 | .043991  | .23688   | .0082640 | .0006212 |
| %RSD   | 1.509531 | .6255730 | .9192046 | .5248268 | 1.641931 | .1347927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 254.7770 | .3534027 | 4.798213 | 45.35163 | .5041294 | .4609652 |
| #2 | 248.3232 | .3506759 | 4.822214 | 45.16953 | .5111296 | .4601618 |
| #3 | 248.1402 | .3550487 | 4.736909 | 44.88182 | .4946632 | .4613842 |

Sample Name: Q1576-01A      Acquired: 3/24/2025 12:49:34      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .7322483 | .6121643 | F 60.31344 | F 13.66960 | F 136.1676 | .3896338 |
| Stddev | .0020806 | .0032570 | .29391     | .04656     | .4810      | .0016820 |
| %RSD   | .2841439 | .5320407 | .4873073   | .3406117   | .3532403   | .4316767 |
| #1     | .7299451 | .6126634 | 60.45237   | 13.64767   | 135.7475   | .3910580 |
| #2     | .7328079 | .6086865 | 60.51213   | 13.63805   | 136.0631   | .3900652 |
| #3     | .7339919 | .6151428 | 59.97582   | 13.72308   | 136.6923   | .3877781 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.216593 |
| Stddev | .009777  |
| %RSD   | .8036177 |
| #1     | 1.226803 |
| #2     | 1.215659 |
| #3     | 1.207316 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2886.076 | 66329.39 | 15100.41 | 1881.903 | 4099.966 |
| Stddev    | 2.445    | 350.24   | 47.11    | 18.020   | 7.055    |
| %RSD      | .0847002 | .5280294 | .3120062 | .9575373 | .1720778 |
| #1        | 2883.343 | 66274.85 | 15092.47 | 1876.378 | 4097.870 |
| #2        | 2888.054 | 66009.62 | 15150.99 | 1867.293 | 4107.832 |
| #3        | 2886.831 | 66703.69 | 15057.78 | 1902.039 | 4094.197 |

Sample Name: Q1595-02      Acquired: 3/24/2025 12:53:58      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034232 | -.003625 | .0016305 | -.004388 | -.002607 | 7.339619 |
| Stddev | .0038903 | .001789  | .0010453 | .004336  | .001908  | .129896  |
| %RSD   | 113.6448 | 49.33813 | 64.10938 | 98.81180 | 73.19295 | 1.769787 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0077692 | -.005631 | .0023447 | -.009228 | -.002326 | 7.487860 |
| #2 | .0022344 | -.002196 | .0021160 | -.000859 | -.000855 | 7.245718 |
| #3 | .0002660 | -.003049 | .0004307 | -.003077 | -.004639 | 7.285279 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0356807 | .0058010 | .0000745 | 27.35874 | .0134108 | .0036352 |
| Stddev | .0006143 | .0001123 | .0000724 | .31491   | .0016913 | .0003682 |
| %RSD   | 1.721565 | 1.935001 | 97.19113 | 1.151053 | 12.61164 | 10.12941 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0363892 | .0059215 | .0000940 | 27.62728 | .0118012 | .0032965 |
| #2 | .0352969 | .0057824 | .0001351 | 27.43680 | .0151734 | .0035819 |
| #3 | .0353561 | .0056993 | -.000006 | 27.01213 | .0132576 | .0040272 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6163373 | .3430338 | .0386052 | 21.41537 | .0412507 | .0468354 |
| Stddev | .0015184 | .0012482 | .0007340 | .18632   | .0002153 | .0040954 |
| %RSD   | .2463650 | .3638779 | 1.901197 | .8700522 | .5218640 | 8.744285 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6156105 | .3444571 | .0390783 | 21.55490 | .0410666 | .0431592 |
| #2 | .6180826 | .3421255 | .0389776 | 21.48745 | .0414874 | .0460975 |
| #3 | .6153189 | .3425186 | .0377597 | 21.20378 | .0411981 | .0512497 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 309.6620 | .0021821 | .0784573 | 10.35809 | F 59.69689 | .0013932 |
| Stddev | .8833    | .0004140 | .0030460 | .12497   | .28377     | .0001260 |
| %RSD   | .2852360 | 18.97292 | 3.882325 | 1.206529 | .4753473   | 9.042153 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 309.0780 | .0017197 | .0758213 | 10.47405 | 59.83477 | .0015386 |
| #2 | 309.2299 | .0025185 | .0777587 | 10.37449 | 59.88538 | .0013226 |
| #3 | 310.6781 | .0023081 | .0817919 | 10.22572 | 59.37053 | .0013184 |

Sample Name: Q1595-02      Acquired: 3/24/2025 12:53:58      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.003544 | .1319937 | 4.198574 | 2.375704 | F 44.38321 | .0127105 |
| Stddev | .000360  | .0031046 | .020240  | .008181  | .04277     | .0013503 |
| %RSD   | 10.17020 | 2.352095 | .4820650 | .3443624 | .0963624   | 10.62327 |
| #1     | -.003726 | .1309721 | 4.221211 | 2.383697 | 44.36057   | .0141597 |
| #2     | -.003778 | .1295287 | 4.182223 | 2.367347 | 44.35653   | .0124838 |
| #3     | -.003129 | .1354804 | 4.192288 | 2.376070 | 44.43254   | .0114879 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1340130 |
| Stddev | .0020761 |
| %RSD   | 1.549211 |
| #1     | .1354787 |
| #2     | .1349231 |
| #3     | .1316373 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3030.493 | 69596.10 | 15657.41 | 1979.750 | 4373.495 |
| Stddev    | 7.699    | 48.83    | 87.92    | 11.567   | 3.032    |
| %RSD      | .2540401 | .0701605 | .5615438 | .5842842 | .0693245 |
| #1        | 3027.616 | 69596.62 | 15585.50 | 1993.016 | 4370.094 |
| #2        | 3024.648 | 69644.66 | 15631.31 | 1974.469 | 4375.914 |
| #3        | 3039.216 | 69547.01 | 15755.43 | 1971.767 | 4374.476 |

Sample Name: Q1595-02DUP      Acquired: 3/24/2025 12:58:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0006512 | -.003051 | .0003153 | -.001701 | -.004355   | 7.345166 |
| Stddev | .0023873 | .000868  | .0014759 | .003829  | .000761    | .039720  |
| %RSD   | 366.5988 | 28.46071 | 468.1721 | 225.1205 | 17.47934   | .5407615 |
| #1     | .0017914 | -.003613 | .0016671 | -.001521 | -.004274   | 7.340379 |
| #2     | -.002092 | -.002051 | -.001259 | .002035  | -.005153   | 7.387063 |
| #3     | .002255  | -.003490 | .000538  | -.005617 | -.003637   | 7.308058 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0357838 | .0056454 | .0000822 | 27.44748 | .0136306   | .0035480 |
| Stddev | .0005554 | .0000394 | .0000267 | .01075   | .0006041   | .0001058 |
| %RSD   | 1.552063 | .6984035 | 32.45812 | .0391551 | 4.431707   | 2.983212 |
| #1     | .0361918 | .0056683 | .0000946 | 27.45155 | .0142143   | .0036585 |
| #2     | .0360082 | .0055999 | .0000516 | 27.43529 | .0130080   | .0034475 |
| #3     | .0351513 | .0056681 | .0001004 | 27.45560 | .0136696   | .0035380 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6163947 | .3241994 | .0308014 | 21.49483 | .0407759   | .0440634 |
| Stddev | .0013428 | .0056384 | .0000118 | .04040   | .0005477   | .0013832 |
| %RSD   | .2178403 | 1.739181 | .0383952 | .1879565 | 1.343291   | 3.138988 |
| #1     | .6148447 | .3300076 | .0307939 | 21.53600 | .0401452   | .0450339 |
| #2     | .6172031 | .3187477 | .0308150 | 21.45524 | .0411322   | .0446767 |
| #3     | .6171364 | .3238427 | .0307952 | 21.49326 | .0410504   | .0424797 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 306.6939 | .0021900 | .0776858 | 10.39638 | F 59.01967 | .0011374 |
| Stddev | 4.3222   | .0005328 | .0005329 | .07036   | .21806     | .0003244 |
| %RSD   | 1.409272 | 24.32659 | .6859949 | .6767846 | .3694692   | 28.52307 |
| #1     | 303.0901 | .0015947 | .0780141 | 10.42345 | 59.10631   | .0013902 |
| #2     | 305.5058 | .0023535 | .0770709 | 10.31650 | 59.18110   | .0012505 |
| #3     | 311.4859 | .0026219 | .0779725 | 10.44918 | 58.77161   | .0007716 |

Sample Name: Q1595-02DUP      Acquired: 3/24/2025 12:58:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.003185 | .1320535 | 4.233789 | 2.327852 | F 44.19186 | .0118596 |
| Stddev | .000937  | .0025691 | .006357  | .019063  | .20622     | .0012712 |
| %RSD   | 29.42342 | 1.945471 | .1501460 | .8189207 | .4666489   | 10.71898 |
| #1     | -.003793 | .1324954 | 4.241032 | 2.305849 | 43.97561   | .0113406 |
| #2     | -.002106 | .1343730 | 4.231194 | 2.339402 | 44.21365   | .0109301 |
| #3     | -.003656 | .1292922 | 4.229139 | 2.338307 | 44.38632   | .0133083 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1340530 |
| Stddev | .0002744 |
| %RSD   | .2047350 |
| #1     | .1343341 |
| #2     | .1337857 |
| #3     | .1340391 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2990.860 | 69767.70 | 15845.30 | 1967.901 | 4351.791 |
| Stddev    | 20.870   | 238.05   | 59.74    | 19.878   | 25.428   |
| %RSD      | .6977961 | .3412053 | .3769933 | 1.010111 | .5843045 |
| #1        | 2966.770 | 69566.56 | 15788.60 | 1953.236 | 4322.439 |
| #2        | 3002.344 | 70030.52 | 15839.63 | 1990.526 | 4367.109 |
| #3        | 3003.467 | 69706.03 | 15907.67 | 1959.942 | 4365.826 |

Sample Name: Q1595-02LX5      Acquired: 3/24/2025 13:02:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.001658 | -.000052 | .0001223 | .0000381 | -.002949   | 1.453412 |
| Stddev | .001718  | .001285  | .0010851 | .0062175 | .001729    | .015364  |
| %RSD   | 103.5600 | 2455.298 | 887.5163 | 16341.91 | 58.64856   | 1.057079 |
| #1     | -.002556 | .000856  | -.000797 | .0069631 | -.001170   | 1.451466 |
| #2     | .000322  | -.001523 | -.000156 | -.001784 | -.003051   | 1.439115 |
| #3     | -.002742 | .000510  | .001319  | -.005065 | -.004624   | 1.469657 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.000557 | .0011848 | .0000016 | 5.706969 | .0025115   | .0006649 |
| Stddev | .000964  | .0000477 | .0000215 | .023663  | .0001853   | .0001697 |
| %RSD   | 172.8841 | 4.028767 | 1324.311 | .4146350 | 7.377699   | 25.51929 |
| #1     | .000314  | .0012392 | -.000017 | 5.719094 | .0023750   | .0007751 |
| #2     | -.001592 | .0011500 | -.000003 | 5.679700 | .0024370   | .0007501 |
| #3     | -.000393 | .0011651 | .000025  | 5.722112 | .0027224   | .0004695 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1319334 | .0600654 | .0052437 | 4.440699 | .0082231   | .0099159 |
| Stddev | .0006047 | .0038876 | .0004438 | .017423  | .0000765   | .0003184 |
| %RSD   | .4583682 | 6.472360 | 8.462624 | .3923553 | .9304550   | 3.211388 |
| #1     | .1322289 | .0603650 | .0057553 | 4.443953 | .0082326   | .0100254 |
| #2     | .1312377 | .0560366 | .0049626 | 4.421878 | .0082945   | .0101652 |
| #3     | .1323335 | .0637945 | .0050132 | 4.456265 | .0081423   | .0095572 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 59.21901 | .0008875 | .0145253 | 1.994883 | F 13.63491 | .0000148 |
| Stddev | .21272   | .0007227 | .0000773 | .015730  | .08953     | .0000327 |
| %RSD   | .3592122 | 81.44080 | .5321243 | .7885308 | .6566566   | 221.2607 |
| #1     | 59.40907 | .0001718 | .0145486 | 1.997686 | 13.70520   | .0000520 |
| #2     | 59.25872 | .0016171 | .0145883 | 2.009023 | 13.53411   | -.000010 |
| #3     | 58.98923 | .0008736 | .0144391 | 1.977940 | 13.66542   | .000002  |

Sample Name: Q1595-02LX5      Acquired: 3/24/2025 13:02:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001136 | .0264107 | .8096228 | .4580782 | 8.747115 | .0060089 |
| Stddev | .000839  | .0002761 | .0040975 | .0048952 | .012597  | .0012356 |
| %RSD   | 73.85027 | 1.045377 | .5060984 | 1.068642 | .1440140 | 20.56220 |
| #1     | -.002091 | .0264497 | .8143406 | .4554587 | 8.757756 | .0067341 |
| #2     | -.000518 | .0261172 | .8075739 | .4550501 | 8.733206 | .0067102 |
| #3     | -.000800 | .0266653 | .8069538 | .4637258 | 8.750381 | .0045822 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0276971 |
| Stddev | .0000651 |
| %RSD   | .2349547 |
| #1     | .0277719 |
| #2     | .0276540 |
| #3     | .0276653 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3166.531 | 73523.35 | 15753.37 | 2086.398 | 4818.841 |
| Stddev    | 9.352    | 65.58    | 75.62    | 5.242    | 9.374    |
| %RSD      | .2953288 | .0891895 | .4800230 | .2512615 | .1945247 |
| #1        | 3164.843 | 73560.02 | 15713.62 | 2091.953 | 4816.061 |
| #2        | 3176.611 | 73447.64 | 15840.57 | 2081.537 | 4829.291 |
| #3        | 3158.138 | 73562.38 | 15705.91 | 2085.705 | 4811.172 |



Sample Name: CCV03      Acquired: 3/24/2025 13:07:13      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | 4.971634 | 4.884753 | 4.801357 | 4.990536 | 5.132642 | 9.811877 | 9.512343 |
| Stddev | .010634  | .042012  | .007755  | .008564  | .015000  | .004469  | .039627  |
| %RSD   | .2138888 | .8600626 | .1615183 | .1716137 | .2922470 | .0455494 | .4165831 |
| #1     | 4.965033 | 4.920920 | 4.796187 | 4.995397 | 5.140062 | 9.813477 | 9.555302 |
| #2     | 4.965968 | 4.894667 | 4.797611 | 4.980647 | 5.115378 | 9.806828 | 9.504508 |
| #3     | 4.983901 | 4.838670 | 4.810274 | 4.995563 | 5.142485 | 9.815326 | 9.477219 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2308365 | 2.375725 | 23.78833 | .9797725 | 2.391745 | 1.253826 | 4.837614 |
| Stddev | .0006771 | .004021  | .01467   | .0021710 | .007535  | .002845  | .012189  |
| %RSD   | .2933254 | .1692660 | .0616490 | .2215863 | .3150264 | .2268719 | .2519608 |
| #1     | .2301605 | 2.371404 | 23.77679 | .9773504 | 2.383643 | 1.252738 | 4.824658 |
| #2     | .2308341 | 2.376413 | 23.80483 | .9804234 | 2.393050 | 1.251686 | 4.839331 |
| #3     | .2315147 | 2.379357 | 23.78337 | .9815436 | 2.398542 | 1.257054 | 4.848853 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.328764 | 23.62449 | 2.385459 | 1.222164 | 24.12220 | 2.409744 | 2.469002 |
| Stddev | .003633  | .07594   | .005541  | .002279  | .08592   | .001910  | .005988  |
| %RSD   | .1560261 | .3214616 | .2322896 | .1865025 | .3561766 | .0792809 | .2425257 |
| #1     | 2.328132 | 23.55901 | 2.381084 | 1.219532 | 24.16113 | 2.407578 | 2.475621 |
| #2     | 2.325487 | 23.60672 | 2.383602 | 1.223470 | 24.18176 | 2.411189 | 2.463960 |
| #3     | 2.332672 | 23.70774 | 2.391690 | 1.223489 | 24.02371 | 2.410466 | 2.467426 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.67028 | 4.790176 | 5.093700 | 4.808832 | 4.808057 | 4.939832 | 4.971051 |
| Stddev | .06220   | .018259  | .003469  | .009802  | .007866  | .036272  | .015035  |
| %RSD   | .2521356 | .3811813 | .0681023 | .2038327 | .1636042 | .7342849 | .3024428 |
| #1     | 24.63758 | 4.802674 | 5.097432 | 4.798202 | 4.816111 | 4.898751 | 4.953727 |
| #2     | 24.74201 | 4.769221 | 5.090573 | 4.810781 | 4.807665 | 4.967441 | 4.978739 |
| #3     | 24.63125 | 4.798633 | 5.093095 | 4.817513 | 4.800394 | 4.953304 | 4.980688 |

Sample Name: CCV03      Acquired: 3/24/2025 13:07:13      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.790861 | 4.818283 | 4.850303 |
| Stddev | .006886  | .011554  | .021124  |
| %RSD   | .1437384 | .2397955 | .4355270 |
| #1     | 4.782926 | 4.829107 | 4.860904 |
| #2     | 4.794371 | 4.819626 | 4.825977 |
| #3     | 4.795284 | 4.806116 | 4.864027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3139.062 | 72618.90 | 14994.46 | 2076.268 | 4635.778 |
| Stddev    | 2.492    | 309.57   | 68.46    | 5.363    | 11.094   |
| %RSD      | .0793883 | .4262938 | .4565851 | .2583197 | .2393152 |
| #1        | 3140.408 | 72910.80 | 15005.06 | 2072.043 | 4648.521 |
| #2        | 3140.591 | 72651.63 | 15057.01 | 2082.302 | 4630.544 |
| #3        | 3136.186 | 72294.26 | 14921.32 | 2074.459 | 4628.269 |

Sample Name: CCB03      Acquired: 3/24/2025 13:11:24      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.002589 | .0001195 | .0022078 | -.001097 | -.004198   | .0039936 |
| Stddev | .003594  | .0016022 | .0006895 | .003571  | .001075    | .0050698 |
| %RSD   | 138.8095 | 1340.894 | 31.22772 | 325.5353 | 25.59725   | 126.9503 |
| #1     | .000796  | .0002229 | .0015975 | .001495  | -.005064   | .0088404 |
| #2     | -.006360 | .0016674 | .0029557 | -.005170 | -.002995   | .0044134 |
| #3     | -.002203 | -.001532 | .0020704 | .000384  | -.004535   | -.001273 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.007370 | -.000020 | .0000657 | -.001443 | -.000044   | .0000704 |
| Stddev | .000171  | .000030  | .0000317 | .006574  | .000457    | .0001392 |
| %RSD   | 2.318935 | 151.9685 | 48.33616 | 455.7440 | 1033.120   | 197.5852 |
| #1     | -.007311 | .000009  | .0000555 | .004987  | .000483    | .0000835 |
| #2     | -.007562 | -.000018 | .0001012 | -.008152 | -.000281   | -.000075 |
| #3     | -.007236 | -.000051 | .0000403 | -.001163 | -.000334   | .000203  |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.000008 | .0000300 | -.000802 | .0024827 | -.000138   | .0002669 |
| Stddev | .000364  | .0032289 | .000250  | .0078137 | .000233    | .0000870 |
| %RSD   | 4481.654 | 10755.63 | 31.17607 | 314.7250 | 169.5894   | 32.59267 |
| #1     | -.000427 | .0017263 | -.000974 | .0086340 | -.000324   | .0002361 |
| #2     | .000231  | -.003694 | -.000918 | -.006309 | .000124    | .0001994 |
| #3     | .000172  | .002057  | -.000515 | .005123  | -.000214   | .0003651 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.000398 | .0006974 | -.000531 | .1051640 | F .1075719 | .0003197 |
| Stddev | .016387  | .0003629 | .000142  | .0370833 | .0030954   | .0001519 |
| %RSD   | 4113.955 | 52.03266 | 26.68137 | 35.26230 | 2.877536   | 47.51859 |
| #1     | .013967  | .0011163 | -.000489 | .1008482 | .1102673   | .0002314 |
| #2     | .003084  | .0004784 | -.000415 | .0704275 | .1082571   | .0002325 |
| #3     | -.018246 | .0004976 | -.000689 | .1442164 | .1041913   | .0004951 |

Sample Name: CCB03      Acquired: 3/24/2025 13:11:24      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000466 | .0008651 | .0104721 | -.002310 | .0054427 | -.002612 |
| Stddev | .000267  | .0003078 | .0035676 | .000057  | .0025837 | .000259  |
| %RSD   | 57.21312 | 35.57490 | 34.06766 | 2.487559 | 47.47011 | 9.896100 |
| #1     | -.000195 | .0011401 | .0134173 | -.002321 | .0060369 | -.002384 |
| #2     | -.000477 | .0009226 | .0065051 | -.002361 | .0076776 | -.002560 |
| #3     | -.000728 | .0005327 | .0114939 | -.002248 | .0026137 | -.002893 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0002117 |
| Stddev | .0000545 |
| %RSD   | 25.72303 |
| #1     | .0001488 |
| #2     | .0002448 |
| #3     | .0002414 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3308.266 | 75176.97 | 15529.30 | 2185.070 | 5260.121 |
| Stddev    | 2.862    | 308.71   | 84.52    | 12.480   | 3.180    |
| %RSD      | .0865205 | .4106413 | .5442519 | .5711647 | .0604525 |
| #1        | 3311.063 | 75513.62 | 15523.89 | 2197.579 | 5260.452 |
| #2        | 3305.343 | 74907.16 | 15447.62 | 2185.013 | 5256.788 |
| #3        | 3308.392 | 75110.12 | 15616.40 | 2172.619 | 5263.122 |

Sample Name: Q1595-02MS      Acquired: 3/24/2025 13:15:44      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7487593 | 1.672094 | .8391337 | 1.820850 | .7932891   | 8.743594 |
| Stddev | .0020874 | .006847  | .0010595 | .003733  | .0021727   | .065227  |
| %RSD   | .2787840 | .4095153 | .1262562 | .2050071 | .2738861   | .7460003 |
| #1     | .7468200 | 1.677658 | .8393535 | 1.817380 | .7910710   | 8.814907 |
| #2     | .7509686 | 1.674176 | .8379816 | 1.820369 | .7954134   | 8.728924 |
| #3     | .7484894 | 1.664447 | .8400661 | 1.824799 | .7933829   | 8.686951 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2040445 | .1655027 | .1750930 | 27.63473 | .3719297   | .1837365 |
| Stddev | .0010306 | .0008833 | .0001812 | .15457   | .0019316   | .0002618 |
| %RSD   | .5050595 | .5337311 | .1034974 | .5593255 | .5193340   | .1424895 |
| #1     | .2051966 | .1664518 | .1751926 | 27.81319 | .3704665   | .1834471 |
| #2     | .2032104 | .1647045 | .1748838 | 27.54774 | .3712035   | .1839569 |
| #3     | .2037265 | .1653519 | .1752025 | 27.54327 | .3741191   | .1838054 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9144011 | 3.077563 | .1964215 | 22.58078 | .4824185   | .0450646 |
| Stddev | .0020296 | .005699  | .0013492 | .09017   | .0013287   | .0086566 |
| %RSD   | .2219616 | .1851731 | .6869052 | .3993349 | .2754225   | 19.20933 |
| #1     | .9128864 | 3.075728 | .1978587 | 22.68380 | .4823856   | .0398313 |
| #2     | .9167072 | 3.073009 | .1962239 | 22.51620 | .4811066   | .0550566 |
| #3     | .9136097 | 3.083954 | .1951820 | 22.54233 | .4837634   | .0403059 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 307.7880 | .2624731 | .2670666 | 20.29760 | F 57.96264 | .3985628 |
| Stddev | 5.3994   | .0011967 | .0017467 | .02531   | .63396     | .0003972 |
| %RSD   | 1.754271 | .4559472 | .6540475 | .1246878 | 1.093734   | .0996688 |
| #1     | 302.4764 | .2637400 | .2684873 | 20.28955 | 58.69128   | .3986005 |
| #2     | 313.2712 | .2623178 | .2651163 | 20.32596 | 57.53738   | .3989399 |
| #3     | 307.6165 | .2613617 | .2675961 | 20.27731 | 57.65925   | .3981481 |

Sample Name: Q1595-02MS      Acquired: 3/24/2025 13:15:44      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6270663 | .3019684 | 4.836729 | 7.910138 | F 43.52923 | .2012229 |
| Stddev | .0021518 | .0037238 | .008996  | .007471  | .04249     | .0016795 |
| %RSD   | .3431547 | 1.233186 | .1859832 | .0944466 | .0976054   | .8346321 |
| #1     | .6255904 | .3062206 | 4.830139 | 7.918440 | 43.56209   | .2031436 |
| #2     | .6260731 | .3003949 | 4.846977 | 7.908020 | 43.54434   | .2000305 |
| #3     | .6295353 | .2992895 | 4.833070 | 7.903955 | 43.48125   | .2004947 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3058501 |
| Stddev | .0023021 |
| %RSD   | .7526934 |
| #1     | .3084404 |
| #2     | .3050720 |
| #3     | .3040379 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2996.481 | 70117.04 | 15735.86 | 1982.703 | 4339.507 |
| Stddev    | 2.342    | 220.76   | 108.85   | 12.502   | 9.163    |
| %RSD      | .0781704 | .3148397 | .6917272 | .6305493 | .2111533 |
| #1        | 2993.804 | 70028.65 | 15611.82 | 1971.632 | 4331.681 |
| #2        | 2998.153 | 70368.29 | 15815.48 | 1996.262 | 4349.587 |
| #3        | 2997.485 | 69954.17 | 15780.26 | 1980.214 | 4337.255 |

Sample Name: Q1595-02MSD      Acquired: 3/24/2025 13:20:01      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7482697 | 1.683570 | .8389685 | 1.824167 | .7923323   | 8.759184 |
| Stddev | .0038217 | .008849  | .0012914 | .002779  | .0033454   | .046710  |
| %RSD   | .5107388 | .5256227 | .1539306 | .1523222 | .4222207   | .5332689 |
| #1     | .7518544 | 1.676081 | .8375269 | 1.823887 | .7887575   | 8.810010 |
| #2     | .7487062 | 1.681294 | .8400197 | 1.821539 | .7928518   | 8.749405 |
| #3     | .7442485 | 1.693335 | .8393589 | 1.827075 | .7953875   | 8.718139 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2037350 | .1631613 | .1746878 | 27.56527 | .3727046   | .1830628 |
| Stddev | .0013538 | .0008481 | .0003073 | .16034   | .0025911   | .0006538 |
| %RSD   | .6644999 | .5198023 | .1758977 | .5816862 | .6952154   | .3571180 |
| #1     | .2037262 | .1622158 | .1744336 | 27.40492 | .3719961   | .1823174 |
| #2     | .2050931 | .1638552 | .1746006 | 27.72561 | .3705415   | .1833321 |
| #3     | .2023855 | .1634127 | .1750293 | 27.56527 | .3755763   | .1835389 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9106191 | 3.077794 | .1950423 | 22.47257 | .4816134   | .0410679 |
| Stddev | .0017105 | .010126  | .0007218 | .11834   | .0011411   | .0049050 |
| %RSD   | .1878447 | .3290054 | .3700621 | .5266023 | .2369247   | 11.94375 |
| #1     | .9119058 | 3.088833 | .1943601 | 22.35057 | .4809995   | .0467315 |
| #2     | .9086779 | 3.068935 | .1957980 | 22.58687 | .4809107   | .0382853 |
| #3     | .9112735 | 3.075615 | .1949688 | 22.48028 | .4829299   | .0381869 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 307.3299 | .2628090 | .2669715 | 20.58704 | F 57.38505 | .3982367 |
| Stddev | 1.3559   | .0008947 | .0002860 | .04729   | .23672     | .0004347 |
| %RSD   | .4411817 | .3404293 | .1071185 | .2296855 | .4125124   | .1091448 |
| #1     | 305.8590 | .2619031 | .2672471 | 20.63084 | 57.12708   | .3977353 |
| #2     | 308.5299 | .2628320 | .2669911 | 20.53691 | 57.59230   | .3985064 |
| #3     | 307.6007 | .2636920 | .2666762 | 20.59335 | 57.43577   | .3984684 |

Sample Name: Q1595-02MSD      Acquired: 3/24/2025 13:20:01      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6266314 | .3012960 | 4.869653 | 7.893337 | F 43.41811 | .2005511 |
| Stddev | .0024237 | .0020510 | .015411  | .025458  | .12033     | .0017886 |
| %RSD   | .3867882 | .6807227 | .3164627 | .3225247 | .2771447   | .8918204 |
| #1     | .6268262 | .3007514 | 4.886642 | 7.864892 | 43.29978   | .1989950 |
| #2     | .6241162 | .2995722 | 4.856575 | 7.901138 | 43.41420   | .2025051 |
| #3     | .6289519 | .3035643 | 4.865741 | 7.913982 | 43.54035   | .2001532 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3048433 |
| Stddev | .0016022 |
| %RSD   | .5255767 |
| #1     | .3036884 |
| #2     | .3066724 |
| #3     | .3041691 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3001.122 | 69864.59 | 15857.67 | 1968.967 | 4350.025 |
| Stddev    | 4.497    | 231.26   | 69.74    | 6.020    | 7.699    |
| %RSD      | .1498532 | .3310158 | .4397978 | .3057535 | .1769836 |
| #1        | 2998.155 | 69863.60 | 15933.91 | 1975.718 | 4351.175 |
| #2        | 3006.297 | 70096.34 | 15797.09 | 1964.158 | 4357.084 |
| #3        | 2998.915 | 69633.82 | 15842.01 | 1967.024 | 4341.816 |



Sample Name: Q1595-02A      Acquired: 3/24/2025 13:24:18      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7692038 | 1.703899 | .8676103 | 1.878832 | .8016796 | 9.071469 |
| Stddev | .0037323 | .019162  | .0023055 | .012592  | .0086978 | .078174  |
| %RSD   | .4852164 | 1.124627 | .2657322 | .6701936 | 1.084945 | .8617576 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7735104 | 1.722152 | .8693958 | 1.892866 | .8115903 | 9.160337 |
| #2 | .7669088 | 1.683941 | .8650075 | 1.868524 | .7953153 | 9.013321 |
| #3 | .7671921 | 1.705603 | .8684278 | 1.875106 | .7981332 | 9.040750 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2112667 | .1715496 | .1804148 | 28.07789 | .3853284 | .1892772 |
| Stddev | .0009700 | .0012478 | .0006936 | .08380   | .0017193 | .0013737 |
| %RSD   | .4591511 | .7273853 | .3844558 | .2984484 | .4462001 | .7257466 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2118568 | .1713774 | .1811865 | 28.15263 | .3841532 | .1907838 |
| #2 | .2101472 | .1703969 | .1798432 | 27.98730 | .3845303 | .1880942 |
| #3 | .2117962 | .1728746 | .1802148 | 28.09374 | .3873018 | .1889536 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8959280 | 3.157972 | .2010425 | 22.98621 | .4996913 | .1126183 |
| Stddev | .0054564 | .014268  | .0005592 | .04820   | .0021439 | .0044196 |
| %RSD   | .6090176 | .4518080 | .2781660 | .2096930 | .4290388 | 3.924364 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9017759 | 3.152158 | .2011794 | 22.96594 | .5021434 | .1143490 |
| #2 | .8909735 | 3.147529 | .2004275 | 22.95147 | .4981711 | .1159106 |
| #3 | .8950345 | 3.174229 | .2015205 | 23.04124 | .4987593 | .1075953 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 315.1108 | .2708901 | .2742453 | 20.95572 | F 59.14422 | .4046594 |
| Stddev | 3.1778   | .0020762 | .0016960 | .04007   | .25043     | .0020583 |
| %RSD   | 1.008481 | .7664507 | .6184312 | .1911999 | .4234264   | .5086405 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 318.1202 | .2703480 | .2741209 | 20.99804 | 59.29936 | .4070319 |
| #2 | 315.4244 | .2691387 | .2726149 | 20.95074 | 58.85531 | .4035958 |
| #3 | 311.7878 | .2731836 | .2760001 | 20.91837 | 59.27800 | .4033506 |

Sample Name: Q1595-02A      Acquired: 3/24/2025 13:24:18      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6455532 | .3075822 | 4.962222 | 8.153711 | F 44.23278 | .2088085 |
| Stddev | .0017928 | .0012353 | .011574  | .047375  | .27483     | .0005985 |
| %RSD   | .2777094 | .4016285 | .2332513 | .5810212 | .6213281   | .2866131 |
| #1     | .6473623 | .3081814 | 4.950748 | 8.203035 | 44.53742   | .2081187 |
| #2     | .6437772 | .3061616 | 4.962023 | 8.108562 | 44.00347   | .2091887 |
| #3     | .6455201 | .3084037 | 4.973895 | 8.149537 | 44.15745   | .2091182 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3131835 |
| Stddev | .0013302 |
| %RSD   | .4247179 |
| #1     | .3145439 |
| #2     | .3118859 |
| #3     | .3131207 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3004.063 | 69737.34 | 15686.66 | 1987.401 | 4334.735 |
| Stddev    | 18.344   | 76.55    | 57.39    | 5.108    | 23.646   |
| %RSD      | .6106420 | .1097696 | .3658676 | .2570003 | .5454898 |
| #1        | 2983.003 | 69709.74 | 15652.15 | 1981.842 | 4307.514 |
| #2        | 3016.561 | 69823.86 | 15752.91 | 1991.886 | 4350.182 |
| #3        | 3012.624 | 69678.41 | 15654.92 | 1988.476 | 4346.509 |

Sample Name: PB167266BL      Acquired: 3/24/2025 13:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.002944 | -.000551 | .0009417 | -.000155 | -.001067   | -.001831 |
| Stddev | .001147  | .001452  | .0005597 | .001394  | .001397    | .005006  |
| %RSD   | 38.96630 | 263.4528 | 59.43148 | 899.5343 | 130.9688   | 273.3972 |
| #1     | -.002448 | -.000148 | .0015479 | .001387  | .000361    | -.004416 |
| #2     | -.002128 | -.002161 | .0008327 | -.000527 | -.001131   | -.005016 |
| #3     | -.004256 | .000657  | .0004446 | -.001325 | -.002431   | .003939  |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.007347 | .0000321 | -.000047 | -.001421 | -.000159   | .0000876 |
| Stddev | .000687  | .0000266 | .000027  | .001490  | .000117    | .0002264 |
| %RSD   | 9.344845 | 83.04219 | 58.11921 | 104.8529 | 73.36815   | 258.3733 |
| #1     | -.006864 | .0000017 | -.000041 | -.000947 | -.000028   | .0003487 |
| #2     | -.008132 | .0000430 | -.000077 | -.000225 | -.000253   | -.000053 |
| #3     | -.007044 | .0000514 | -.000023 | -.003090 | -.000197   | -.000033 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0001148 | .0013999 | -.001144 | .0096726 | -.000067   | .0009629 |
| Stddev | .0003735 | .0041626 | .000215  | .0050273 | .000202    | .0000745 |
| %RSD   | 325.4484 | 297.3554 | 18.80534 | 51.97421 | 302.4360   | 7.734926 |
| #1     | -.000143 | .0030775 | -.000912 | .0076880 | .000033    | .0009374 |
| #2     | .000543  | .0044619 | -.001336 | .0153893 | -.000300   | .0009045 |
| #3     | -.000056 | -.003340 | -.001183 | .0059406 | .000066    | .0010468 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0645230 | -.000761 | -.000501 | .0690304 | F .2279570 | -.000085 |
| Stddev | .0075962 | .000585  | .000400  | .0155132 | .0026880   | .000080  |
| %RSD   | 11.77292 | 76.90597 | 79.79651 | 22.47297 | 1.179162   | 94.64269 |
| #1     | .0639972 | -.001422 | -.000639 | .0595390 | .2308919   | -.000017 |
| #2     | .0572033 | -.000551 | -.000813 | .0606196 | .2273643   | -.000174 |
| #3     | .0723685 | -.000310 | -.000050 | .0869327 | .2256149   | -.000064 |

Sample Name: PB167266BL      Acquired: 3/24/2025 13:28:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.000910 | .0006551 | .0014949 | -.002166 | F .0133710 | .0019507 |
| Stddev | .000362  | .0004305 | .0013718 | .001397  | .0030864   | .0003098 |
| %RSD   | 39.76787 | 65.71875 | 91.76353 | 64.51066 | 23.08273   | 15.88343 |
| #1     | -.001312 | .0011499 | .0030782 | -.003745 | .0142414   | .0021746 |
| #2     | -.000609 | .0004497 | .0007423 | -.001091 | .0159288   | .0015971 |
| #3     | -.000810 | .0003658 | .0006641 | -.001661 | .0099429   | .0020803 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000009 |
| Stddev | .000023  |
| %RSD   | 251.7987 |
| #1     | -.000021 |
| #2     | -.000023 |
| #3     | .000017  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3319.099 | 75530.66 | 15610.08 | 2197.409 | 5275.147 |
| Stddev    | 9.082    | 101.76   | 19.03    | 2.801    | 8.204    |
| %RSD      | .2736222 | .1347266 | .1218948 | .1274786 | .1555127 |
| #1        | 3312.815 | 75431.12 | 15621.84 | 2195.891 | 5280.700 |
| #2        | 3314.971 | 75634.50 | 15620.26 | 2200.641 | 5265.725 |
| #3        | 3329.512 | 75526.35 | 15588.12 | 2195.694 | 5279.018 |

Sample Name: PB167266BS      Acquired: 3/24/2025 13:32:54      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .7414144 | 1.841803 | .8893711 | 1.895414 | .7890902   | 1.871695 |
| Stddev | .0027498 | .004790  | .0011057 | .005150  | .0020131   | .007003  |
| %RSD   | .3708820 | .2600518 | .1243231 | .2717085 | .2551213   | .3741408 |
| #1     | .7428525 | 1.843682 | .8881002 | 1.895336 | .7869308   | 1.865746 |
| #2     | .7431469 | 1.845369 | .8899007 | 1.890304 | .7894245   | 1.869926 |
| #3     | .7382438 | 1.836359 | .8901123 | 1.900603 | .7909152   | 1.879413 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1697232 | .1804356 | .1766684 | .9071985 | .3828928   | .1812152 |
| Stddev | .0002404 | .0013509 | .0002890 | .0101917 | .0004113   | .0002851 |
| %RSD   | .1416407 | .7486788 | .1635891 | 1.123424 | .1074105   | .1573025 |
| #1     | .1694764 | .1791470 | .1766217 | .8961029 | .3830336   | .1812124 |
| #2     | .1697365 | .1803187 | .1769779 | .9093499 | .3824296   | .1809316 |
| #3     | .1699566 | .1818412 | .1764056 | .9161428 | .3832152   | .1815016 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2994665 | 2.758197 | .1779315 | 1.780153 | .4546233   | .0727230 |
| Stddev | .0009993 | .021655  | .0018419 | .012293  | .0004083   | .0001170 |
| %RSD   | .3337050 | .7851154 | 1.035150 | .6905474 | .0898085   | .1608943 |
| #1     | .3002247 | 2.783082 | .1770186 | 1.772135 | .4544006   | .0728379 |
| #2     | .2998407 | 2.747867 | .1767244 | 1.774018 | .4550945   | .0726040 |
| #3     | .2983340 | 2.743640 | .1800515 | 1.794306 | .4543747   | .0727271 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.594223 | .2733659 | .1969880 | 9.139630 | F .4300271 | .3990114 |
| Stddev | .041658  | .0025344 | .0008284 | .063518  | .0019745   | .0002763 |
| %RSD   | 1.605794 | .9271086 | .4205284 | .6949777 | .4591614   | .0692504 |
| #1     | 2.642189 | .2729862 | .1965817 | 9.205472 | .4286483   | .3991443 |
| #2     | 2.567109 | .2710427 | .1979411 | 9.134694 | .4291440   | .3986937 |
| #3     | 2.573370 | .2760687 | .1964413 | 9.078723 | .4322890   | .3991961 |

Sample Name: PB167266BS      Acquired: 3/24/2025 13:32:54      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6315911 | .1826215 | F .7397961 | 5.333889 | F -.004464 | .1852730 |
| Stddev | .0013981 | .0015578 | .0032178   | .006361  | .001786    | .0008847 |
| %RSD   | .2213612 | .8530258 | .4349578   | .1192560 | 39.99945   | .4774983 |
| #1     | .6330959 | .1820947 | .7432196   | 5.333208 | -.006095   | .1862662 |
| #2     | .6313452 | .1813954 | .7393348   | 5.340563 | -.002556   | .1845694 |
| #3     | .6303323 | .1843744 | .7368338   | 5.327896 | -.004743   | .1849835 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1787439 |
| Stddev | .0008157 |
| %RSD   | .4563258 |
| #1     | .1786439 |
| #2     | .1779829 |
| #3     | .1796049 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3243.836 | 73747.52 | 15228.20 | 2137.197 | 5068.603 |
| Stddev    | 2.388    | 200.93   | 95.20    | 7.405    | .694     |
| %RSD      | .0736043 | .2724594 | .6251359 | .3464938 | .0136836 |
| #1        | 3244.189 | 73549.11 | 15312.55 | 2133.024 | 5068.965 |
| #2        | 3246.028 | 73742.58 | 15247.07 | 2132.820 | 5069.041 |
| #3        | 3241.292 | 73950.88 | 15124.98 | 2145.747 | 5067.803 |

Sample Name: Q1618-01      Acquired: 3/24/2025 13:36:56      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004653 | -.005500 | .0066834 | -.001961 | .0007934 | 3.230484 |
| Stddev | .002176  | .001765  | .0024999 | .004426  | .0003067 | .011625  |
| %RSD   | 46.77316 | 32.10036 | 37.40466 | 225.6830 | 38.64974 | .3598524 |
| #1     | -.003046 | -.004014 | .0089595 | -.004325 | .0011475 | 3.227976 |
| #2     | -.007130 | -.005034 | .0070828 | -.004704 | .0006180 | 3.243159 |
| #3     | -.003783 | -.007452 | .0040078 | .003145  | .0006148 | 3.220318 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1803610 | .0000516 | -.000103 | 131.4507 | .0338568 | .0026652 |
| Stddev | .0012055 | .0000631 | .000021  | .3504    | .0001546 | .0001639 |
| %RSD   | .6683558 | 122.1824 | 19.84522 | .2665781 | .4565967 | 6.148713 |
| #1     | .1800082 | .0000016 | -.000080 | 131.4785 | .0340344 | .0028028 |
| #2     | .1817035 | .0000308 | -.000120 | 131.7864 | .0337522 | .0027087 |
| #3     | .1793714 | .0001225 | -.000110 | 131.0872 | .0337838 | .0024839 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0345918 | 5.328796 | .1233308 | 20.60515 | .0149355 | .0004778 |
| Stddev | .0003839 | .013171  | .0002959 | .08767   | .0001817 | .0001842 |
| %RSD   | 1.109724 | .2471588 | .2398900 | .4254901 | 1.216224 | 38.55338 |
| #1     | .0349454 | 5.314937 | .1235617 | 20.58466 | .0148159 | .0006797 |
| #2     | .0341835 | 5.330305 | .1234333 | 20.70125 | .0148460 | .0004352 |
| #3     | .0346465 | 5.341148 | .1229973 | 20.52953 | .0151445 | .0003187 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 853.8786 | .0088474 | .3085816 | 21.11519 | 1.005701 | .0142872 |
| Stddev | 6.4753   | .0007305 | .0007738 | .00302   | .005852  | .0001578 |
| %RSD   | .7583429 | 8.256107 | .2507734 | .0142967 | .5818873 | 1.104832 |
| #1     | 857.7458 | .0082367 | .3092727 | 21.11725 | 1.009054 | .0142406 |
| #2     | 846.4030 | .0096566 | .3087266 | 21.11173 | 1.009106 | .0141580 |
| #3     | 857.4870 | .0086490 | .3077456 | 21.11660 | .998944  | .0144631 |

Sample Name: Q1618-01      Acquired: 3/24/2025 13:36:56      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | -.005640 | .1767468 | F 11.05300 | .1516243 | F 25.29422 | -.012376 |
| Stddev | .000926  | .0003336 | .03767     | .0044524 | .09618     | .000858  |
| %RSD   | 16.41167 | .1887137 | .3408368   | 2.936458 | .3802440   | 6.929330 |
| #1     | -.004738 | .1764597 | 11.07617   | .1495401 | 25.25636   | -.012908 |
| #2     | -.006587 | .1771127 | 11.00953   | .1485963 | 25.22273   | -.012833 |
| #3     | -.005593 | .1766680 | 11.07329   | .1567366 | 25.40357   | -.011386 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9716383 |
| Stddev | .0027613 |
| %RSD   | .2841929 |
| #1     | .9708092 |
| #2     | .9747192 |
| #3     | .9693865 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2798.847 | 63959.58 | 14899.42 | 1830.360 | 3932.857 |
| Stddev    | 5.303    | 251.94   | 61.98    | 6.480    | 6.017    |
| %RSD      | .1894607 | .3939118 | .4160108 | .3540043 | .1530040 |
| #1        | 2793.337 | 63669.37 | 14859.89 | 1828.839 | 3928.996 |
| #2        | 2803.915 | 64122.30 | 14867.52 | 1824.777 | 3939.791 |
| #3        | 2799.289 | 64087.06 | 14970.86 | 1837.465 | 3929.784 |



Sample Name: Q1618-01DUP      Acquired: 3/24/2025 13:41:15      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002961 | -.008509 | .0064072 | .0016207 | .0015715 | 3.344334 |
| Stddev | .002849  | .000526  | .0009951 | .0009843 | .0012141 | .008610  |
| %RSD   | 96.19092 | 6.185895 | 15.53060 | 60.73325 | 77.25966 | .2574527 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000134 | -.007943 | .0058058 | .0004922 | .0026145 | 3.334406 |
| #2 | -.005831 | -.008984 | .0058601 | .0023019 | .0002387 | 3.349761 |
| #3 | -.002919 | -.008601 | .0075558 | .0020680 | .0018613 | 3.348835 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1838790 | .0000772 | -.000072 | 130.8035 | .0329660 | .0026090 |
| Stddev | .0002223 | .0000167 | .000058  | .2732    | .0001744 | .0003529 |
| %RSD   | .1208743 | 21.58897 | 80.81250 | .2088893 | .5290342 | 13.52491 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1836333 | .0000747 | -.000034 | 130.8297 | .0331291 | .0030150 |
| #2 | .1840660 | .0000619 | -.000139 | 130.5180 | .0329866 | .0023765 |
| #3 | .1839378 | .0000949 | -.000042 | 131.0626 | .0327822 | .0024355 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0348032 | 5.481523 | .1174344 | 20.23150 | .0147029 | .0001390 |
| Stddev | .0004945 | .036554  | .0003844 | .06530   | .0003459 | .0001227 |
| %RSD   | 1.420936 | .6668511 | .3273446 | .3227833 | 2.352678 | 88.24535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0347436 | 5.520230 | .1178654 | 20.16506 | .0148084 | -.000001 |
| #2 | .0343412 | 5.447592 | .1173108 | 20.23384 | .0143165 | .000191  |
| #3 | .0353248 | 5.476747 | .1171270 | 20.29561 | .0149838 | .000227  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 887.4765 | .0095514 | .3064467 | 21.99961 | .9440308 | .0140896 |
| Stddev | 7.1446   | .0006051 | .0012467 | .14855   | .0026002 | .0001651 |
| %RSD   | .8050443 | 6.334734 | .4068252 | .6752510 | .2754323 | 1.171525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 895.5892 | .0095774 | .3078843 | 22.15668 | .9427758 | .0142181 |
| #2 | 884.7174 | .0101431 | .3056621 | 21.86137 | .9422963 | .0141473 |
| #3 | 882.1229 | .0089338 | .3057938 | 21.98079 | .9470205 | .0139034 |

Sample Name: Q1618-01DUP      Acquired: 3/24/2025 13:41:15      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | -.005478 | .1839717 | F 11.81223 | .1518730 | F 25.03132 | -.011930 |
| Stddev | .000686  | .0017651 | .05455     | .0016332 | .03200     | .000811  |
| %RSD   | 12.53146 | .9594566 | .4618458   | 1.075389 | .1278455   | 6.797604 |
| #1     | -.005533 | .1820369 | 11.82850   | .1502053 | 25.02803   | -.011493 |
| #2     | -.006135 | .1854941 | 11.75139   | .1534695 | 25.00109   | -.011430 |
| #3     | -.004765 | .1843840 | 11.85680   | .1519442 | 25.06484   | -.012865 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9823443 |
| Stddev | .0017159 |
| %RSD   | .1746710 |
| #1     | .9842996 |
| #2     | .9810896 |
| #3     | .9816438 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2816.467 | 64569.87 | 15609.64 | 1831.614 | 3954.984 |
| Stddev    | 11.347   | 156.00   | 31.02    | 5.427    | 6.066    |
| %RSD      | .4028959 | .2416003 | .1987005 | .2962936 | .1533779 |
| #1        | 2805.069 | 64408.91 | 15642.04 | 1827.301 | 3956.360 |
| #2        | 2827.763 | 64720.38 | 15606.67 | 1837.707 | 3960.244 |
| #3        | 2816.568 | 64580.33 | 15580.22 | 1829.832 | 3948.348 |

Sample Name: Q1618-01LX5      Acquired: 3/24/2025 13:45:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001534 | -.003040 | .0013042 | -.000245 | -.001619 | .8191056 | .0323273 |
| Stddev | .0029287 | .001769  | .0008663 | .001105  | .001174  | .0056799 | .0004278 |
| %RSD   | 1908.966 | 58.20417 | 66.42179 | 450.6837 | 72.48940 | .6934326 | 1.323365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001065 | -.004901 | .0005005 | -.001458 | -.000298 | .8133236 | .0318502 |
| #2 | -.001969 | -.002838 | .0022218 | .000018  | -.002017 | .8246777 | .0324548 |
| #3 | .003495  | -.001380 | .0011903 | .000705  | -.002542 | .8193156 | .0326768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000646 | -.000042 | 26.92889 | .0068104 | .0006061 | .0075090 | 1.095004 |
| Stddev | .0000430 | .000041  | .03770   | .0004659 | .0000342 | .0005428 | .005727  |
| %RSD   | 66.60247 | 97.16570 | .1399962 | 6.840909 | 5.643047 | 7.228405 | .5230399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001127 | -.000086 | 26.96118 | .0062741 | .0006436 | .0073773 | 1.099842 |
| #2 | .0000296 | -.000034 | 26.88746 | .0070416 | .0005982 | .0081056 | 1.096490 |
| #3 | .0000515 | -.000006 | 26.93804 | .0071154 | .0005766 | .0070443 | 1.088680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241635 | 4.259542 | .0030125 | .0002534 | 164.6458 | .0024904 | .0597674 |
| Stddev | .0003677 | .004596  | .0001164 | .0001507 | 2.3124   | .0004673 | .0004118 |
| %RSD   | 1.521611 | .1079057 | 3.864503 | 59.47110 | 1.404443 | 18.76423 | .6890206 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0237749 | 4.256822 | .0029111 | .0002579 | 166.8557 | .0030300 | .0593162 |
| #2 | .0242096 | 4.264849 | .0031396 | .0001005 | 164.8387 | .0022157 | .0598629 |
| #3 | .0245059 | 4.256956 | .0029867 | .0004018 | 162.2431 | .0022255 | .0601230 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.013536 | .2702543 | .0028387 | -.002642 | .0494361 | 2.651537 | .0284250 |
| Stddev | .042071  | .0003333 | .0002288 | .000361  | .0010886 | .019564  | .0030154 |
| %RSD   | 1.048218 | .1233219 | 8.060215 | 13.64981 | 2.202098 | .7378548 | 10.60831 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.007640 | .2706264 | .0030499 | -.003021 | .0484013 | 2.644128 | .0269892 |
| #2 | 3.974725 | .2701534 | .0025956 | -.002603 | .0493356 | 2.673724 | .0318899 |
| #3 | 4.058244 | .2699831 | .0028706 | -.002303 | .0505716 | 2.636759 | .0263957 |

Sample Name: Q1618-01LX5      Acquired: 3/24/2025 13:45:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.779634 | .0041138 | .1952287 |
| Stddev | .011904  | .0016040 | .0001539 |
| %RSD   | .2490666 | 38.98938 | .0788184 |
| #1     | 4.788623 | .0033827 | .1954026 |
| #2     | 4.766133 | .0030058 | .1951736 |
| #3     | 4.784146 | .0059531 | .1951100 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3137.043 | 70939.41 | 15579.89 | 2066.330 | 4600.225 |
| Stddev    | 4.125    | 99.11    | 29.91    | 5.154    | 9.441    |
| %RSD      | .1314889 | .1397171 | .1919558 | .2494163 | .2052203 |
| #1        | 3135.384 | 70841.20 | 15549.82 | 2064.059 | 4594.480 |
| #2        | 3141.739 | 71039.41 | 15580.23 | 2072.229 | 4611.121 |
| #3        | 3134.005 | 70937.62 | 15609.63 | 2062.702 | 4595.075 |

Sample Name: Q1618-01MS      Acquired: 3/24/2025 13:49:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7594950 | 1.669729 | .8594225 | 1.778712 | .7910671 | 5.056570 |
| Stddev | .0014896 | .012005  | .0005735 | .005272  | .0003583 | .026266  |
| %RSD   | .1961355 | .7189580 | .0667344 | .2963663 | .0452882 | .5194405 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7611999 | 1.660748 | .8597007 | 1.773001 | .7906606 | 5.046666 |
| #2 | .7588398 | 1.665074 | .8587629 | 1.783392 | .7912043 | 5.086348 |
| #3 | .7584453 | 1.683364 | .8598039 | 1.779743 | .7913366 | 5.036696 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3464694 | .1665162 | .1797740 | 124.0226 | .5537147 | .1905368 |
| Stddev | .0008948 | .0003091 | .0003752 | .3857    | .0007101 | .0004370 |
| %RSD   | .2582698 | .1856382 | .2087011 | .3109716 | .1282361 | .2293437 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3463009 | .1666897 | .1795870 | 123.9228 | .5542940 | .1901383 |
| #2 | .3474365 | .1666995 | .1795292 | 124.4484 | .5529225 | .1904680 |
| #3 | .3456708 | .1661593 | .1802060 | 123.6966 | .5539276 | .1910041 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3079788 | 11.15743 | .3469637 | 20.80752 | .6980997 | .0731961 |
| Stddev | .0004811 | .04682   | .0019376 | .06073   | .0009919 | .0002192 |
| %RSD   | .1562151 | .4196134 | .5584391 | .2918818 | .1420891 | .2994463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3075564 | 11.11673 | .3471854 | 20.78431 | .6980701 | .0734492 |
| #2 | .3085025 | 11.20859 | .3487809 | 20.87643 | .6971229 | .0730703 |
| #3 | .3078775 | 11.14696 | .3449248 | 20.76181 | .6991061 | .0730688 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 813.4902 | .2727836 | .4864899 | 30.63607 | 1.115625 | .4026620 |
| Stddev | 3.5784   | .0018678 | .0006218 | .08438   | .007134  | .0008052 |
| %RSD   | .4398768 | .6847064 | .1278167 | .2754199 | .6394550 | .1999644 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 817.6218 | .2731333 | .4867752 | 30.59773 | 1.117575 | .4024829 |
| #2 | 811.4667 | .2744518 | .4869179 | 30.73281 | 1.121580 | .4019615 |
| #3 | 811.3821 | .2707657 | .4857767 | 30.57767 | 1.107718 | .4035417 |

Sample Name: Q1618-01MS      Acquired: 3/24/2025 13:49:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6356397 | .3425053 | F 11.58091 | 6.258603 | F 23.87310 | .1854199 |
| Stddev | .0016847 | .0021695 | .03492     | .016453  | .07086     | .0007101 |
| %RSD   | .2650386 | .6334169 | .3015033   | .2628891 | .2968399   | .3829810 |
| #1     | .6339060 | .3416195 | 11.59092   | 6.257075 | 23.85709   | .1848563 |
| #2     | .6357423 | .3449776 | 11.60974   | 6.242966 | 23.81162   | .1862175 |
| #3     | .6372707 | .3409190 | 11.54209   | 6.275766 | 23.95060   | .1851859 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.092798 |
| Stddev | .006219  |
| %RSD   | .5690760 |
| #1     | 1.090687 |
| #2     | 1.099797 |
| #3     | 1.087909 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2833.069 | 65609.30 | 15144.73 | 1904.757 | 3947.953 |
| Stddev    | 2.273    | 105.24   | 56.58    | 3.617    | 9.030    |
| %RSD      | .0802276 | .1603972 | .3736171 | .1898836 | .2287329 |
| #1        | 2832.903 | 65501.04 | 15131.15 | 1905.312 | 3947.209 |
| #2        | 2835.421 | 65615.62 | 15096.17 | 1908.063 | 3957.332 |
| #3        | 2830.884 | 65711.23 | 15206.86 | 1900.894 | 3939.318 |

Sample Name: Q1618-01MSD      Acquired: 3/24/2025 13:54:06      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7542078 | 1.657907 | .8525284 | 1.778384 | .7935596 | 5.308180 |
| Stddev | .0078604 | .007125  | .0010624 | .005216  | .0029032 | .003573  |
| %RSD   | 1.042211 | .4297786 | .1246224 | .2933187 | .3658481 | .0673085 |
| #1     | .7477834 | 1.653470 | .8535097 | 1.772360 | .7905947 | 5.304060 |
| #2     | .7518675 | 1.654124 | .8526755 | 1.781366 | .7963970 | 5.310061 |
| #3     | .7629727 | 1.666126 | .8514001 | 1.781425 | .7936871 | 5.310419 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3420483 | .1642245 | .1781687 | 123.3993 | .5538588 | .1885746 |
| Stddev | .0010770 | .0003105 | .0003822 | .3187    | .0035631 | .0007537 |
| %RSD   | .3148783 | .1890637 | .2144927 | .2582844 | .6433293 | .3996932 |
| #1     | .3414270 | .1639925 | .1781629 | 123.0702 | .5574273 | .1884175 |
| #2     | .3432919 | .1641038 | .1785538 | 123.4211 | .5503010 | .1893945 |
| #3     | .3414259 | .1645772 | .1777895 | 123.7065 | .5538482 | .1879118 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3063001 | 11.11708 | .3414161 | 20.70869 | .6896918 | .0733413 |
| Stddev | .0006923 | .07770   | .0011804 | .10409   | .0005890 | .0005029 |
| %RSD   | .2260224 | .6989399 | .3457388 | .5026595 | .0854051 | .6857106 |
| #1     | .3062914 | 11.18685 | .3400553 | 20.62238 | .6894003 | .0738264 |
| #2     | .3069968 | 11.03334 | .3420298 | 20.67939 | .6903698 | .0728223 |
| #3     | .3056122 | 11.13103 | .3421633 | 20.82429 | .6893054 | .0733752 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 809.0026 | .2712533 | .4861738 | 30.72379 | 1.094632 | .4043675 |
| Stddev | 12.6719  | .0034971 | .0041096 | .20953   | .001612  | .0010460 |
| %RSD   | 1.566355 | 1.289225 | .8452908 | .6819662 | .1472200 | .2586686 |
| #1     | 821.5708 | .2750542 | .4882487 | 30.96305 | 1.096276 | .4032700 |
| #2     | 796.2296 | .2705336 | .4814405 | 30.57302 | 1.093055 | .4053529 |
| #3     | 809.2076 | .2681720 | .4888323 | 30.63532 | 1.094564 | .4044797 |

Sample Name: Q1618-01MSD      Acquired: 3/24/2025 13:54:06      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6268328 | .3572831 | F 12.41735 | 6.138609 | F 23.47283 | .1847415 |
| Stddev | .0011830 | .0019685 | .07547     | .013368  | .05609     | .0006253 |
| %RSD   | .1887345 | .5509585 | .6077739   | .2177650 | .2389683   | .3384480 |
| #1     | .6281731 | .3590275 | 12.48274   | 6.130028 | 23.44390   | .1854089 |
| #2     | .6259337 | .3551489 | 12.33477   | 6.131789 | 23.43711   | .1846465 |
| #3     | .6263918 | .3576729 | 12.43455   | 6.154012 | 23.53748   | .1841693 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.083102 |
| Stddev | .001662  |
| %RSD   | .1534073 |
| #1     | 1.081756 |
| #2     | 1.084959 |
| #3     | 1.082590 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2836.856 | 65707.97 | 15208.64 | 1868.696 | 3980.220 |
| Stddev    | 2.958    | 463.22   | 15.24    | 16.765   | 4.172    |
| %RSD      | .1042757 | .7049678 | .1002303 | .8971465 | .1048121 |
| #1        | 2836.902 | 65234.33 | 15217.29 | 1858.204 | 3979.024 |
| #2        | 2833.875 | 66160.02 | 15217.59 | 1888.031 | 3976.776 |
| #3        | 2839.791 | 65729.56 | 15191.04 | 1859.854 | 3984.858 |



Sample Name: CCV04      Acquired: 3/24/2025 14:06:52      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.827294 | 4.850983 | 4.678134 | 4.933755 | 4.929825 | 9.503201 | 9.204541 |
| Stddev | .012819  | .014528  | .014062  | .015127  | .015279  | .014698  | .058420  |
| %RSD   | .2655565 | .2994792 | .3005876 | .3066051 | .3099202 | .1546591 | .6346849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.820250 | 4.836845 | 4.661899 | 4.917414 | 4.917669 | 9.520150 | 9.259984 |
| #2 | 4.819541 | 4.865871 | 4.686488 | 4.936582 | 4.924830 | 9.495489 | 9.143541 |
| #3 | 4.842090 | 4.850232 | 4.686015 | 4.947269 | 4.946976 | 9.493965 | 9.210096 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2294847 | 2.329909 | 22.84567 | .9506439 | 2.350189 | 1.226316 | 4.613053 |
| Stddev | .0008848 | .006496  | .08850   | .0005249 | .009157  | .002161  | .039950  |
| %RSD   | .3855625 | .2787903 | .3874025 | .0552158 | .3896255 | .1762464 | .8660210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2296689 | 2.322412 | 22.93250 | .9505696 | 2.339817 | 1.224629 | 4.623992 |
| #2 | .2285224 | 2.333439 | 22.75559 | .9512019 | 2.353600 | 1.225568 | 4.646395 |
| #3 | .2302630 | 2.333875 | 22.84892 | .9501600 | 2.357151 | 1.228752 | 4.568774 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.255363 | 22.80857 | 2.355205 | 1.192755 | 23.14129 | 2.336342 | 2.428346 |
| Stddev | .002455  | .09936   | .007342  | .001731  | .17113   | .011744  | .005291  |
| %RSD   | .1088677 | .4356062 | .3117485 | .1451606 | .7395138 | .5026672 | .2178891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.257779 | 22.90356 | 2.346738 | 1.192990 | 23.11034 | 2.349322 | 2.427877 |
| #2 | 2.252870 | 22.70536 | 2.359061 | 1.194357 | 23.32578 | 2.326452 | 2.433857 |
| #3 | 2.255441 | 22.81678 | 2.359815 | 1.190918 | 22.98774 | 2.333252 | 2.423306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.70223 | 4.609446 | 4.957423 | 4.718801 | 4.639150 | 4.702380 | 4.824976 |
| Stddev | .13763   | .021492  | .011253  | .015070  | .009394  | .016334  | .021244  |
| %RSD   | .5806799 | .4662571 | .2269917 | .3193684 | .2024971 | .3473653 | .4402932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.71643 | 4.610298 | 4.946805 | 4.702931 | 4.644103 | 4.700043 | 4.802742 |
| #2 | 23.83221 | 4.587542 | 4.956245 | 4.720551 | 4.645031 | 4.719757 | 4.827119 |
| #3 | 23.55805 | 4.630500 | 4.969218 | 4.732919 | 4.628316 | 4.687340 | 4.845067 |

Sample Name: CCV04      Acquired: 3/24/2025 14:06:52      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.731018 | 4.702063 | 4.664665 |
| Stddev | .025117  | .013629  | .005002  |
| %RSD   | .5309065 | .2898587 | .1072302 |
| #1     | 4.702257 | 4.698200 | 4.670286 |
| #2     | 4.748640 | 4.717207 | 4.660704 |
| #3     | 4.742156 | 4.690782 | 4.663005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3182.122 | 72739.99 | 14842.44 | 2117.030 | 4664.148 |
| Stddev    | .530     | 85.00    | 65.37    | 7.806    | 6.752    |
| %RSD      | .0166425 | .1168605 | .4404251 | .3687475 | .1447639 |
| #1        | 3181.881 | 72672.94 | 14818.57 | 2112.235 | 4671.576 |
| #2        | 3181.756 | 72711.44 | 14916.39 | 2112.817 | 4658.383 |
| #3        | 3182.729 | 72835.60 | 14792.35 | 2126.037 | 4662.483 |

Sample Name: CCB04      Acquired: 3/24/2025 14:11:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000867 | -.000472 | .0011671 | -.000947 | -.002290 | .0034163 | -.007348 |
| Stddev | .001233  | .002455  | .0012910 | .001579  | .001503  | .0022356 | .000354  |
| %RSD   | 142.1573 | 519.8887 | 110.6166 | 166.6428 | 65.64406 | 65.43766 | 4.818715 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000543  | .000426  | -.000320 | -.000059 | -.003406 | .0045473 | -.007397 |
| #2 | -.001739 | -.003250 | .001827  | -.000013 | -.000580 | .0008413 | -.007675 |
| #3 | -.001405 | .001408  | .001995  | -.002770 | -.002884 | .0048604 | -.006972 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000096 | .0000348 | -.002420 | -.000033 | .0000915 | -.000067 | .0016524 |
| Stddev | .0000321 | .0000622 | .004167  | .000250  | .0000501 | .000496  | .0012496 |
| %RSD   | 335.6826 | 178.8039 | 172.2185 | 762.9770 | 54.70563 | 738.1501 | 75.62563 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000464 | .0000566 | -.000068 | -.000280 | .0000745 | -.000528 | .0004238 |
| #2 | -.000011 | -.000035 | -.007231 | -.000039 | .0001479 | .000458  | .0016114 |
| #3 | -.000006 | .000083  | .000040  | .000220  | .0000522 | -.000131 | .0029220 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001103 | -.002716 | -.000105 | .0004262 | .0059321 | .0004619 | -.000806 |
| Stddev | .000443  | .004086  | .000122  | .0002413 | .0061414 | .0000753 | .000226  |
| %RSD   | 40.18463 | 150.4099 | 116.8730 | 56.61978 | 103.5279 | 16.29255 | 27.98731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000591 | -.005905 | -.000211 | .0006417 | .0054328 | .0003885 | -.000940 |
| #2 | -.001363 | -.004133 | -.000131 | .0004714 | .0000556 | .0004584 | -.000546 |
| #3 | -.001355 | .001889  | .000029  | .0001655 | .0123080 | .0005389 | -.000933 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0929386 | .0228213 | .0001818 | -.000737 | .0012166 | .0056443 | .0000911 |
| Stddev | .0374950 | .0006741 | .0001514 | .000320  | .0005891 | .0011880 | .0004838 |
| %RSD   | 40.34385 | 2.953836 | 83.29758 | 43.39960 | 48.42657 | 21.04784 | 531.2325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0496455 | .0221740 | .0001365 | -.000376 | .0010763 | .0043178 | .0001105 |
| #2 | .1141880 | .0235194 | .0000581 | -.000985 | .0018632 | .0060052 | -.000402 |
| #3 | .1149822 | .0227707 | .0003506 | -.000850 | .0007102 | .0066101 | .000565  |

Sample Name: CCB04      Acquired: 3/24/2025 14:11:57      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005601 | -.005012 | .0000905 |
| Stddev | .0022862 | .000717  | .0000207 |
| %RSD   | 408.1519 | 14.31259 | 22.82346 |
| #1     | .0030985 | -.004857 | .0000714 |
| #2     | -.000081 | -.005794 | .0001124 |
| #3     | -.001337 | -.004385 | .0000877 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3296.545 | 75741.32 | 15533.88 | 2186.717 | 5240.787 |
| Stddev    | 16.182   | 184.33   | 40.46    | 6.707    | 20.895   |
| %RSD      | .4908767 | .2433628 | .2604732 | .3067226 | .3986924 |
| #1        | 3306.928 | 75936.26 | 15580.52 | 2189.500 | 5255.000 |
| #2        | 3304.807 | 75717.82 | 15512.87 | 2191.584 | 5250.565 |
| #3        | 3277.900 | 75569.87 | 15508.24 | 2179.066 | 5216.796 |

Sample Name: Q1618-01A      Acquired: 3/24/2025 14:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7628713 | 1.691654 | .8668184 | 1.798127 | .8059907 | 5.364493 |
| Stddev | .0023130 | .006111  | .0035343 | .013456  | .0026695 | .015652  |
| %RSD   | .3031956 | .3612252 | .4077281 | .7483360 | .3312048 | .2917689 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7649738 | 1.686002 | .8629822 | 1.785466 | .8029299 | 5.346947 |
| #2 | .7603937 | 1.698138 | .8699421 | 1.796656 | .8072054 | 5.369515 |
| #3 | .7632463 | 1.690822 | .8675309 | 1.812257 | .8078368 | 5.377018 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3453196 | .1632530 | .1809222 | 124.7109 | .5581573 | .1911632 |
| Stddev | .0006815 | .0012112 | .0003570 | .5874    | .0018919 | .0006441 |
| %RSD   | .1973408 | .7419339 | .1973274 | .4710205 | .3389595 | .3369145 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3451460 | .1625310 | .1805914 | 124.3008 | .5584288 | .1904282 |
| #2 | .3460710 | .1625767 | .1808745 | 124.4480 | .5598988 | .1914322 |
| #3 | .3447417 | .1646514 | .1813006 | 125.3838 | .5561443 | .1916291 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3105829 | 11.15544 | .3441039 | 20.90746 | .6995241 | .0730472 |
| Stddev | .0004401 | .05557   | .0005453 | .20121   | .0003515 | .0000311 |
| %RSD   | .1417023 | .4981014 | .1584803 | .9623677 | .0502526 | .0426357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3101357 | 11.16945 | .3435859 | 20.72531 | .6998210 | .0730830 |
| #2 | .3105975 | 11.20266 | .3440527 | 20.87364 | .6996154 | .0730317 |
| #3 | .3110155 | 11.09421 | .3446730 | 21.12343 | .6991359 | .0730268 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 805.0395 | .2720084 | .4855278 | 30.60538 | 1.068184 | .4082099 |
| Stddev | 3.2057   | .0011534 | .0013866 | .30252   | .010577  | .0015787 |
| %RSD   | .3982003 | .4240459 | .2855850 | .9884632 | .9901710 | .3867482 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 803.9410 | .2712039 | .4843226 | 30.63563 | 1.061579 | .4065486 |
| #2 | 808.6499 | .2714915 | .4870432 | 30.89164 | 1.062591 | .4083904 |
| #3 | 802.5274 | .2733299 | .4852175 | 30.28887 | 1.080384 | .4096906 |

Sample Name: Q1618-01A      Acquired: 3/24/2025 14:16:17      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6394501 | .3596213 | F 12.64762 | 6.233100 | F 23.81875 | .1827390 |
| Stddev | .0016684 | .0025698 | .08709     | .002940  | .02439     | .0013634 |
| %RSD   | .2609120 | .7145790 | .6885998   | .0471714 | .1023867   | .7461096 |
| #1     | .6390234 | .3595906 | 12.63876   | 6.229717 | 23.80409   | .1841695 |
| #2     | .6380365 | .3622063 | 12.73881   | 6.235038 | 23.84690   | .1825931 |
| #3     | .6412904 | .3570670 | 12.56531   | 6.234545 | 23.80524   | .1814543 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.085769 |
| Stddev | .007613  |
| %RSD   | .7011289 |
| #1     | 1.089171 |
| #2     | 1.077048 |
| #3     | 1.091087 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2792.325 | 65711.10 | 15151.26 | 1873.055 | 3912.800 |
| Stddev    | 11.293   | 301.53   | 78.37    | 11.370   | 7.599    |
| %RSD      | .4044272 | .4588667 | .5172373 | .6070245 | .1942141 |
| #1        | 2802.367 | 65718.76 | 15199.70 | 1874.840 | 3916.511 |
| #2        | 2794.507 | 65405.82 | 15193.24 | 1860.899 | 3917.830 |
| #3        | 2780.100 | 66008.73 | 15060.85 | 1883.427 | 3904.058 |

Sample Name: Q1618-02      Acquired: 3/24/2025 14:20:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1602441 | .0079296 | .1687160 | .0057513 | -.232346 | 49.92587 |
| Stddev | .0063506 | .0017676 | .0014686 | .0007530 | .006042  | .11779   |
| %RSD   | 3.963090 | 22.29147 | .8704436 | 13.09305 | 2.600585 | .2359319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1640808 | .0058897 | .1678548 | .0049363 | -.226482 | 49.79208 |
| #2 | .1637378 | .0090101 | .1678816 | .0058960 | -.238552 | 50.01397 |
| #3 | .1529137 | .0088889 | .1704117 | .0064214 | -.232003 | 49.97156 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1192522 | .0007258 | -.001213 | 151.8459 | F 49.89787 | .0548833 |
| Stddev | .0002610 | .0000426 | .000144  | .3723    | .24993     | .0001496 |
| %RSD   | .2188488 | 5.864415 | 11.85268 | .2451616 | .5008744   | .2726398 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1190978 | .0007295 | -.001171 | 151.8122 | 49.63086 | .0549553 |
| #2 | .1191052 | .0007664 | -.001373 | 152.2339 | 50.12620 | .0549833 |
| #3 | .1195535 | .0006815 | -.001094 | 151.4916 | 49.93654 | .0547113 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1468493 | 47.83664 | .9105648 | 16.83779 | .1615930 | .0018965 |
| Stddev | .0003108 | .03791   | .0030740 | .04395   | .0002954 | .0000632 |
| %RSD   | .2116286 | .0792529 | .3375909 | .2609972 | .1828042 | 3.331698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1467181 | 47.79397 | .9127396 | 16.86849 | .1616663 | .0019664 |
| #2 | .1466257 | 47.84949 | .9119067 | 16.85743 | .1612678 | .0018798 |
| #3 | .1472042 | 47.86646 | .9070479 | 16.78745 | .1618448 | .0018434 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 117.2264 | .2929098 | .3533765 | 6.994516 | .1018335 | .0210098 |
| Stddev | .7854    | .0021343 | .0011403 | .071461  | .0012165 | .0003380 |
| %RSD   | .6699844 | .7286451 | .3226758 | 1.021679 | 1.194587 | 1.608870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 116.4299 | .2906761 | .3530105 | 6.934679 | .1030567 | .0206901 |
| #2 | 117.2492 | .2949283 | .3546548 | 6.975226 | .1018201 | .0213635 |
| #3 | 118.0002 | .2931250 | .3524642 | 7.073642 | .1006238 | .0209757 |

Sample Name: Q1618-02      Acquired: 3/24/2025 14:20:28      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | -.003991 | .9956183 | F 29.71360 | .6191983 | F 17.30139 | .0115819 |
| Stddev | .000448  | .0038539 | .15899     | .0062547 | .03046     | .0001112 |
| %RSD   | 11.21500 | .3870834 | .5350680   | 1.010129 | .1760718   | .9603206 |
| #1     | -.003805 | .9922932 | 29.54314   | .6210829 | 17.26819   | .0117042 |
| #2     | -.004501 | .9998421 | 29.73979   | .6122180 | 17.30794   | .0114867 |
| #3     | -.003666 | .9947194 | 29.85787   | .6242940 | 17.32805   | .0115548 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2116758 |
| Stddev | .0005325 |
| %RSD   | .2515596 |
| #1     | .2110656 |
| #2     | .2120466 |
| #3     | .2119153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2686.535 | 69509.32 | 15576.83 | 1784.552 | 4327.354 |
| Stddev    | 3.719    | 313.92   | 82.30    | 10.176   | 1.882    |
| %RSD      | .1384316 | .4516266 | .5283709 | .5702198 | .0434950 |
| #1        | 2682.471 | 69862.29 | 15589.35 | 1793.403 | 4325.403 |
| #2        | 2689.768 | 69261.38 | 15488.98 | 1773.434 | 4329.159 |
| #3        | 2687.365 | 69404.29 | 15652.16 | 1786.817 | 4327.498 |



Sample Name: PB167258BL      Acquired: 3/24/2025 14:24:45      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002563 | -.001715 | .0011075 | -.000115 | -.001351 | .0059615 | -.008711 |
| Stddev | .001660  | .001388  | .0004126 | .001039  | .001056  | .0026745 | .000627  |
| %RSD   | 64.74383 | 80.92044 | 37.25093 | 902.4371 | 78.17340 | 44.86190 | 7.195995 |
| #1     | -.004415 | -.002405 | .0006525 | .001084  | -.001028 | .0053425 | -.008702 |
| #2     | -.001208 | -.000117 | .0012129 | -.000691 | -.002532 | .0088912 | -.009343 |
| #3     | -.002068 | -.002623 | .0014571 | -.000738 | -.000494 | .0036509 | -.008089 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000374 | -.000073 | -.001324 | .0010544 | .0000055 | .0001367 | .0011757 |
| Stddev | .0000241 | .000046  | .005647  | .0002015 | .0002608 | .0002307 | .0044246 |
| %RSD   | 64.38993 | 62.30458 | 426.3290 | 19.11299 | 4703.804 | 168.6754 | 376.3309 |
| #1     | .0000363 | -.000045 | -.003237 | .0012869 | -.000296 | -.000129 | .0030841 |
| #2     | .0000621 | -.000049 | .005030  | .0009444 | .000155  | .000282  | -.003883 |
| #3     | .0000139 | -.000126 | -.005767 | .0009317 | .000158  | .000258  | .004326  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001159 | -.008826 | -.000027 | .0006389 | .1003893 | -.000116 | -.000517 |
| Stddev | .000090  | .008919  | .000288  | .0003233 | .0135117 | .000559  | .000245  |
| %RSD   | 7.803033 | 101.0617 | 1052.469 | 50.59434 | 13.45927 | 480.8878 | 47.28288 |
| #1     | -.001187 | -.003361 | -.000116 | .0003378 | .1151113 | -.000544 | -.000583 |
| #2     | -.001232 | -.003997 | .000295  | .0005986 | .0975017 | -.000321 | -.000246 |
| #3     | -.001058 | -.019118 | -.000261 | .0009805 | .0885549 | .000516  | -.000722 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1358187 | .0127826 | -.000221 | -.000455 | .0007185 | .0040789 | -.001995 |
| Stddev | .0349672 | .0006557 | .000389  | .000521  | .0005620 | .0040562 | .002479  |
| %RSD   | 25.74549 | 5.129687 | 175.7958 | 114.5875 | 78.22165 | 99.44214 | 124.2619 |
| #1     | .1005467 | .0134944 | .000228  | -.000085 | .0003272 | .0016858 | -.000286 |
| #2     | .1364365 | .0122033 | -.000433 | -.001051 | .0013625 | .0017888 | -.000861 |
| #3     | .1704729 | .0126499 | -.000459 | -.000228 | .0004658 | .0087623 | -.004839 |

Sample Name: PB167258BL      Acquired: 3/24/2025 14:24:45      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001788 | -.000944 | .0000219 |
| Stddev | .001111  | .000748  | .0000332 |
| %RSD   | 62.16882 | 79.25258 | 151.4113 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003036 | -.000365 | -.000011 |
| #2 | -.000905 | -.001788 | .000056  |
| #3 | -.001423 | -.000678 | .000021  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3318.245 | 75415.14 | 15429.35 | 2186.409 | 5296.395 |
| Stddev    | 9.657    | 239.84   | 81.39    | 9.749    | 10.323   |
| %RSD      | .2910375 | .3180207 | .5274989 | .4458912 | .1949064 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3327.788 | 75613.22 | 15395.18 | 2187.448 | 5306.024 |
| #2 | 3318.470 | 75148.49 | 15522.25 | 2176.182 | 5297.666 |
| #3 | 3308.478 | 75483.71 | 15370.62 | 2195.597 | 5285.496 |

Sample Name: PB167258BS      Acquired: 3/24/2025 14:29:03      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7292529 | 1.860462 | .8706120 | 1.885638 | .7789503 | 1.812729 |
| Stddev | .0043549 | .019420  | .0005532 | .008085  | .0020557 | .001490  |
| %RSD   | .5971782 | 1.043832 | .0635457 | .4287720 | .2639040 | .0821887 |
| #1     | .7303748 | 1.857266 | .8703557 | 1.884128 | .7778900 | 1.813331 |
| #2     | .7244468 | 1.842838 | .8702333 | 1.878414 | .7776412 | 1.811032 |
| #3     | .7329372 | 1.881282 | .8712469 | 1.894371 | .7813196 | 1.813824 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1661899 | .1770593 | .1731832 | .8763407 | .3693785 | .1779398 |
| Stddev | .0006227 | .0006609 | .0004337 | .0031344 | .0023863 | .0004775 |
| %RSD   | .3747072 | .3732451 | .2504202 | .3576647 | .6460382 | .2683519 |
| #1     | .1668954 | .1777852 | .1734654 | .8728850 | .3684291 | .1780315 |
| #2     | .1657169 | .1764926 | .1726838 | .8790000 | .3720934 | .1774232 |
| #3     | .1659573 | .1769001 | .1734003 | .8771371 | .3676129 | .1783649 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2940875 | 2.690363 | .1756508 | 1.723559 | .4477296 | .0709435 |
| Stddev | .0008991 | .010729  | .0007635 | .006002  | .0008033 | .0003296 |
| %RSD   | .3057337 | .3987964 | .4346946 | .3482391 | .1794278 | .4645468 |
| #1     | .2942642 | 2.686790 | .1765324 | 1.726464 | .4475053 | .0713035 |
| #2     | .2931132 | 2.702423 | .1752049 | 1.727556 | .4470622 | .0706567 |
| #3     | .2948852 | 2.681877 | .1752150 | 1.716657 | .4486213 | .0708703 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.594663 | .2659291 | .1912207 | 8.937385 | .2696616 | .3901931 |
| Stddev | .019134  | .0007428 | .0004844 | .066542  | .0017088 | .0010571 |
| %RSD   | .7374224 | .2793099 | .2533300 | .7445399 | .6336883 | .2709117 |
| #1     | 2.584882 | .2667562 | .1906782 | 8.882578 | .2712519 | .3902165 |
| #2     | 2.616710 | .2657125 | .1916099 | 9.011426 | .2678549 | .3891245 |
| #3     | 2.582397 | .2653188 | .1913740 | 8.918150 | .2698779 | .3912382 |

Sample Name: PB167258BS      Acquired: 3/24/2025 14:29:03      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6221072 | .1777350 | F .7207725 | 5.289768 | F -.001959 | .1817748 |
| Stddev | .0009033 | .0004569 | .0048792   | .013811  | .001349    | .0011315 |
| %RSD   | .1452053 | .2570553 | .6769468   | .2610882 | 68.86062   | .6224664 |
| #1     | .6230100 | .1779294 | .7153971   | 5.282782 | -.002456   | .1819783 |
| #2     | .6221080 | .1780625 | .7219987   | 5.280847 | -.002990   | .1827907 |
| #3     | .6212034 | .1772131 | .7249217   | 5.305677 | -.000432   | .1805553 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1743763 |
| Stddev | .0002986 |
| %RSD   | .1712595 |
| #1     | .1745212 |
| #2     | .1745749 |
| #3     | .1740329 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3266.165 | 74947.68 | 15357.04 | 2183.429 | 5075.142 |
| Stddev    | 4.313    | 339.74   | 15.48    | 12.348   | 4.690    |
| %RSD      | .1320440 | .4532986 | .1007988 | .5655205 | .0924103 |
| #1        | 3262.392 | 75217.08 | 15346.08 | 2196.250 | 5069.819 |
| #2        | 3270.867 | 74566.02 | 15374.75 | 2182.421 | 5078.663 |
| #3        | 3265.236 | 75059.95 | 15350.29 | 2171.616 | 5076.946 |

Sample Name: PB167233TB      Acquired: 3/24/2025 14:33:06      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005683   | -.006623 | .0007844 | .0012234 | -.000304 | .0073098 |
| Stddev | .002028    | .000577  | .0012335 | .0016056 | .001216  | .0032356 |
| %RSD   | 35.68393   | 8.712775 | 157.2557 | 131.2456 | 400.4947 | 44.26362 |
| #1     | -.005048   | -.006799 | -.000437 | .0024136 | .001100  | .0101983 |
| #2     | -.004048   | -.007090 | .000760  | -.000603 | -.001022 | .0079176 |
| #3     | -.007952   | -.005978 | .002030  | .001859  | -.000989 | .0038134 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.010837   | -.000112 | -.000216 | -.002303 | .0003674 | -.000390 |
| Stddev | .001302    | .000018  | .000064  | .003219  | .0004214 | .000074  |
| %RSD   | 12.01182   | 16.31223 | 29.40946 | 139.7512 | 114.7108 | 18.90801 |
| #1     | -.010869   | -.000101 | -.000280 | .000851  | .0002949 | -.000319 |
| #2     | -.012123   | -.000133 | -.000215 | -.005583 | .0008203 | -.000384 |
| #3     | -.009520   | -.000103 | -.000153 | -.002177 | -.000013 | -.000466 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000070   | .0247371 | -.000272 | .0093974 | .0004954 | .0003254 |
| Stddev | .000541    | .0042285 | .000049  | .0081228 | .0001143 | .0001383 |
| %RSD   | 775.9513   | 17.09377 | 18.12474 | 86.43687 | 23.07464 | 42.49122 |
| #1     | -.000594   | .0200507 | -.000240 | .0030358 | .0003721 | .0001662 |
| #2     | -.000102   | .0258937 | -.000247 | .0066094 | .0005163 | .0003946 |
| #3     | .000487    | .0282670 | -.000329 | .0185471 | .0005979 | .0004154 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 378.3276 | .0008276 | .0003352 | -.118660 | .0050477 | .0000361 |
| Stddev | 1.1505     | .0005982 | .0000492 | .012981  | .0005882 | .0001446 |
| %RSD   | .3040888   | 72.27983 | 14.67845 | 10.93993 | 11.65235 | 400.1248 |
| #1     | 377.6398   | .0010034 | .0003677 | -.105313 | .0056460 | .0000184 |
| #2     | 377.6872   | .0013181 | .0002786 | -.131241 | .0044702 | .0001888 |
| #3     | 379.6557   | .0001612 | .0003592 | -.119425 | .0050270 | -.000099 |

Sample Name: PB167233TB      Acquired: 3/24/2025 14:33:06      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.003116 | .0008881 | .0156539 | .0045221 | F .0132443 | -.009809 |
| Stddev | .000486  | .0002944 | .0046891 | .0033961 | .0028438   | .001225  |
| %RSD   | 15.60475 | 33.15168 | 29.95498 | 75.10026 | 21.47195   | 12.49212 |
| #1     | -.002568 | .0010718 | .0123882 | .0041122 | .0131168   | -.008433 |
| #2     | -.003495 | .0005485 | .0135465 | .0013495 | .0104664   | -.010213 |
| #3     | -.003286 | .0010440 | .0210269 | .0081044 | .0161498   | -.010782 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000123 |
| Stddev | .0000284 |
| %RSD   | 230.7922 |
| #1     | -.000005 |
| #2     | -.000003 |
| #3     | .000045  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2991.394 | 68966.09 | 15871.10 | 1982.875 | 4417.737 |
| Stddev    | 9.459    | 239.54   | 230.20   | 6.941    | 9.100    |
| %RSD      | .3162158 | .3473241 | 1.450405 | .3500667 | .2059863 |
| #1        | 2999.339 | 68981.53 | 15784.61 | 1984.590 | 4418.484 |
| #2        | 2993.914 | 69197.53 | 15696.68 | 1988.798 | 4426.440 |
| #3        | 2980.930 | 68719.20 | 16132.02 | 1975.237 | 4408.286 |

Sample Name: Q1606-02      Acquired: 3/24/2025 14:37:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006353 | -.005342 | .2153614 | .0037303 | .0007201 | .1523158 | .1236330 |
| Stddev | .001640  | .001128  | .0013431 | .0008580 | .0012090 | .0009558 | .0009390 |
| %RSD   | 25.81344 | 21.11848 | .6236584 | 23.00081 | 167.8959 | .6274892 | .7595059 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007771 | -.005008 | .2169119 | .0043934 | -.000342 | .1528555 | .1236285 |
| #2 | -.006730 | -.004419 | .2145540 | .0040363 | .000467  | .1512123 | .1226963 |
| #3 | -.004557 | -.006600 | .2146184 | .0027613 | .002036  | .1528797 | .1245743 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000556 | .0001039 | 17.26497 | .0039015 | .0058493 | .0116231 | 4.658059 |
| Stddev | .0000540 | .0000453 | .03353   | .0001415 | .0001080 | .0004768 | .004494  |
| %RSD   | 97.07094 | 43.55269 | .1942028 | 3.627025 | 1.846755 | 4.102176 | .0964693 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000019 | .0001410 | 17.30318 | .0037443 | .0059059 | .0118282 | 4.654422 |
| #2 | .0001098 | .0000535 | 17.25129 | .0040186 | .0057247 | .0119630 | 4.656673 |
| #3 | .0000552 | .0001172 | 17.24044 | .0039417 | .0059173 | .0110781 | 4.663083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5445618 | .8792469 | .0102386 | .0004150 | 312.1166 | .0004523 | .4550956 |
| Stddev | .0026040 | .0135695 | .0001650 | .0002146 | .5833    | .0011884 | .0004030 |
| %RSD   | .4781750 | 1.543305 | 1.611191 | 51.72110 | .1868724 | 262.7759 | .0885419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5473125 | .8686385 | .0100799 | .0004879 | 311.8472 | .0014413 | .4547477 |
| #2 | .5442381 | .8945374 | .0102266 | .0005836 | 312.7858 | -.000866 | .4550020 |
| #3 | .5421349 | .8745647 | .0104092 | .0001734 | 311.7167 | .000782  | .4555371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.018149 | .0233285 | -.000029 | -.004114 | .0001979 | .7620400 | .0065491 |
| Stddev | .024519  | .0002232 | .000113  | .000111  | .0004633 | .0062560 | .0021684 |
| %RSD   | 2.408149 | .9566301 | 384.3507 | 2.693078 | 234.1163 | .8209592 | 33.10930 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .989944  | .0230770 | -.000113 | -.004235 | .0001589 | .7548894 | .0085516 |
| #2 | 1.030126 | .0235028 | -.000075 | -.004017 | .0006795 | .7647265 | .0042462 |
| #3 | 1.034378 | .0234058 | .000100  | -.004091 | -.000245 | .7665040 | .0068496 |

Sample Name: Q1606-02      Acquired: 3/24/2025 14:37:35      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.026234 | -.006065 | .0724368 |
| Stddev | .004279  | .001119  | .0001015 |
| %RSD   | .2111586 | 18.45394 | .1401480 |
| #1     | 2.021984 | -.004773 | .0725446 |
| #2     | 2.026178 | -.006730 | .0724227 |
| #3     | 2.030541 | -.006692 | .0723430 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3022.496 | 70079.05 | 15890.89 | 1989.788 | 4484.168 |
| Stddev    | 4.645    | 191.42   | 48.76    | 1.693    | 8.798    |
| %RSD      | .1536878 | .2731522 | .3068329 | .0850751 | .1962040 |
| #1        | 3018.102 | 70223.82 | 15835.53 | 1989.495 | 4475.344 |
| #2        | 3027.357 | 70151.32 | 15927.45 | 1991.608 | 4492.940 |
| #3        | 3022.030 | 69862.01 | 15909.70 | 1988.260 | 4484.222 |



Sample Name: Q1606-04      Acquired: 3/24/2025 14:41:58      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004592 | -.005443 | .1901229 | .0053009 | -.001227 | .0860158 | .1172427 |
| Stddev | .001492  | .002600  | .0006183 | .0057689 | .000747  | .0044505 | .0007020 |
| %RSD   | 32.50071 | 47.75924 | .3252023 | 108.8278 | 60.87078 | 5.174087 | .5987573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005555 | -.004508 | .1898299 | .0104955 | -.001125 | .0809637 | .1168011 |
| #2 | -.002873 | -.003440 | .1908332 | -.000908 | -.000537 | .0877268 | .1180521 |
| #3 | -.005348 | -.008381 | .1897055 | .006315  | -.002020 | .0893570 | .1168747 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001159 | -.000208 | 21.80816 | .0005784 | .0083329 | .0132836 | 8.623345 |
| Stddev | .0000456 | .000056  | .08337   | .0003733 | .0000897 | .0004804 | .088475  |
| %RSD   | 39.32042 | 27.03516 | .3822931 | 64.54132 | 1.076682 | 3.616369 | 1.025989 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000637 | -.000144 | 21.77288 | .0007189 | .0082455 | .0132210 | 8.653566 |
| #2 | .0001475 | -.000249 | 21.74822 | .0008609 | .0084248 | .0128375 | 8.692749 |
| #3 | .0001367 | -.000232 | 21.90337 | .0001552 | .0083283 | .0137922 | 8.523719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7656601 | .8847682 | .0141194 | .0001881 | 289.0786 | .0005055 | .5648969 |
| Stddev | .0021318 | .0089458 | .0002605 | .0002572 | 6.1815   | .0005829 | .0057472 |
| %RSD   | .2784309 | 1.011093 | 1.845294 | 136.7781 | 2.138350 | 115.3220 | 1.017395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7648662 | .8920729 | .0143848 | -.000054 | 292.0441 | .0008833 | .5711912 |
| #2 | .7640391 | .8747906 | .0141095 | .000458  | 293.2187 | .0007990 | .5635710 |
| #3 | .7680750 | .8874411 | .0138640 | .000160  | 281.9731 | -.000166 | .5599285 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.292963 | .0173121 | -.000265 | -.004635 | .0005201 | .8879752 | .0108095 |
| Stddev | .026009  | .0011285 | .000365  | .000197  | .0001945 | .0135268 | .0008681 |
| %RSD   | 2.011567 | 6.518474 | 137.8654 | 4.259715 | 37.38635 | 1.523332 | 8.030706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.314533 | .0185621 | .000135  | -.004839 | .0007429 | .8985370 | .0115660 |
| #2 | 1.264080 | .0170059 | -.000348 | -.004445 | .0003843 | .8926597 | .0098617 |
| #3 | 1.300275 | .0163684 | -.000581 | -.004620 | .0004331 | .8727288 | .0110007 |

Sample Name: Q1606-04      Acquired: 3/24/2025 14:41:58      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.562453 | -.003165 | .0930644 |
| Stddev | .011333  | .001112  | .0001771 |
| %RSD   | .3181109 | 35.11712 | .1902819 |
| #1     | 3.565510 | -.002865 | .0932452 |
| #2     | 3.549906 | -.004396 | .0928913 |
| #3     | 3.571944 | -.002235 | .0930566 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3032.460 | 70990.55 | 15703.51 | 2026.536 | 4468.017 |
| Stddev    | 8.273    | 833.89   | 78.22    | 34.825   | 9.805    |
| %RSD      | .2728270 | 1.174649 | .4980749 | 1.718466 | .2194423 |
| #1        | 3024.414 | 70374.45 | 15693.75 | 2006.535 | 4464.642 |
| #2        | 3040.943 | 70657.75 | 15786.15 | 2006.325 | 4479.063 |
| #3        | 3032.023 | 71939.45 | 15630.63 | 2066.749 | 4460.345 |

Sample Name: Q1606-06      Acquired: 3/24/2025 14:46:22      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004397 | -.005848 | .1694238 | .0027863 | .0008502 | .1005282 | .2360426 |
| Stddev | .001017  | .000898  | .0008536 | .0019506 | .0013218 | .0092817 | .0009770 |
| %RSD   | 23.13242 | 15.36458 | .5038480 | 70.00835 | 155.4691 | 9.232910 | .4139106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005567 | -.006095 | .1702998 | .0034319 | -.000223 | .0943525 | .2371708 |
| #2 | -.003899 | -.004851 | .1693771 | .0005947 | .002327  | .0960302 | .2354742 |
| #3 | -.003724 | -.006596 | .1685945 | .0043322 | .000447  | .1112019 | .2354829 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000741 | .0009064 | 40.43230 | .0000900 | .0063515 | .0934204 | .9419935 |
| Stddev | .0000303 | .0000886 | .12991   | .0001941 | .0001070 | .0005390 | .0121356 |
| %RSD   | 40.80508 | 9.772762 | .3213008 | 215.6843 | 1.684578 | .5769917 | 1.288292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000393 | .0009895 | 40.58229 | -.000133 | .0064638 | .0928028 | .9349504 |
| #2 | .0000933 | .0009164 | 40.35926 | .000222  | .0062508 | .0937958 | .9350236 |
| #3 | .0000899 | .0008132 | 40.35536 | .000181  | .0063400 | .0936626 | .9560064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9607245 | 1.996395 | .0112152 | .0000727 | 403.6492 | -.000095 | .4775829 |
| Stddev | .0029661 | .002176  | .0004900 | .0002129 | 2.4519   | .000723  | .0021658 |
| %RSD   | .3087367 | .1089758 | 4.369140 | 292.9470 | .6074306 | 761.5095 | .4534981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9636168 | 1.998517 | .0117421 | -.000169 | 402.5689 | -.000720 | .4755577 |
| #2 | .9608668 | 1.994169 | .0111303 | .000233  | 401.9230 | -.000262 | .4773246 |
| #3 | .9576898 | 1.996500 | .0107731 | .000154  | 406.4558 | .000697  | .4798662 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.092252 | .0310573 | .0001442 | -.004914 | -.000382 | 1.535420 | .0122733 |
| Stddev | .003363  | .0006035 | .0000224 | .000259  | .000134  | .014757  | .0028678 |
| %RSD   | .1607316 | 1.943277 | 15.50036 | 5.278149 | 34.99231 | .9610865 | 23.36642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.093904 | .0315788 | .0001268 | -.004665 | -.000362 | 1.545070 | .0117384 |
| #2 | 2.088383 | .0303962 | .0001694 | -.004896 | -.000525 | 1.518433 | .0153710 |
| #3 | 2.094470 | .0311970 | .0001365 | -.005183 | -.000260 | 1.542758 | .0097106 |

Sample Name: Q1606-06      Acquired: 3/24/2025 14:46:22      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.167354 | -.011211 | .2160312 |
| Stddev | .010525  | .000508  | .0004861 |
| %RSD   | .9015823 | 4.532881 | .2249936 |
| #1     | 1.174626 | -.011093 | .2165275 |
| #2     | 1.155285 | -.010773 | .2155561 |
| #3     | 1.172150 | -.011768 | .2160099 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2992.082 | 70537.41 | 15831.36 | 2033.409 | 4327.526 |
| Stddev    | 9.611    | 102.33   | 39.66    | 6.911    | 18.833   |
| %RSD      | .3212297 | .1450789 | .2504876 | .3398788 | .4351798 |
| #1        | 2999.887 | 70564.24 | 15802.87 | 2040.322 | 4332.571 |
| #2        | 2995.013 | 70623.65 | 15814.56 | 2033.407 | 4343.321 |
| #3        | 2981.347 | 70424.33 | 15876.65 | 2026.499 | 4306.684 |

Sample Name: Q1606-08      Acquired: 3/24/2025 14:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006328 | -.005477 | .0966960 | .0013454 | .0016917 | .0730443 | .1425022 |
| Stddev | .000608  | .001138  | .0011311 | .0015685 | .0021708 | .0096205 | .0006905 |
| %RSD   | 9.602320 | 20.76949 | 1.169749 | 116.5796 | 128.3260 | 13.17075 | .4845236 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005679 | -.004221 | .0960599 | .0021026 | .0022526 | .0670643 | .1428440 |
| #2 | -.006883 | -.005772 | .0960262 | .0023916 | -.000705 | .0679268 | .1429552 |
| #3 | -.006423 | -.006438 | .0980020 | -.000458 | .003527  | .0841420 | .1417076 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000012 | .0012983 | 57.29795 | -.000006 | .0051509 | .0190779 | .8209735 |
| Stddev | .000084  | .0000718 | .11299   | .000198  | .0001237 | .0000778 | .0044985 |
| %RSD   | 679.1509 | 5.527515 | .1972025 | 3092.310 | 2.401078 | .4078881 | .5479488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000091 | .0013721 | 57.26065 | .000142  | .0051715 | .0190885 | .8157849 |
| #2 | .000076  | .0012287 | 57.42488 | .000070  | .0052631 | .0189954 | .8237809 |
| #3 | -.000023 | .0012941 | 57.20833 | -.000231 | .0050183 | .0191499 | .8233547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9693190 | 2.189156 | .0149997 | .0000387 | 324.0369 | .0004990 | .6019419 |
| Stddev | .0025512 | .018897  | .0002562 | .0004545 | 2.0689   | .0008113 | .0012349 |
| %RSD   | .2631976 | .8632068 | 1.708024 | 1174.922 | .6384887 | 162.5845 | .2051509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9663814 | 2.189102 | .0150176 | -.000216 | 321.6973 | .0002316 | .6032629 |
| #2 | .9709792 | 2.208080 | .0152465 | .000563  | 324.7883 | .0014102 | .6008164 |
| #3 | .9705965 | 2.170286 | .0147351 | -.000231 | 325.6252 | -.000145 | .6017466 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.628230 | .0286331 | .0004706 | -.005777 | .0002531 | 1.258502 | .0066701 |
| Stddev | .024381  | .0006637 | .0000841 | .000165  | .0005057 | .003136  | .0038146 |
| %RSD   | 1.497392 | 2.317935 | 17.86905 | 2.856766 | 199.7814 | .2492228 | 57.18897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.616121 | .0292062 | .0004955 | -.005858 | .0008319 | 1.261743 | .0104679 |
| #2 | 1.612274 | .0287871 | .0003768 | -.005587 | -.000103 | 1.255482 | .0067036 |
| #3 | 1.656295 | .0279059 | .0005394 | -.005885 | .000030  | 1.258281 | .0028389 |

Sample Name: Q1606-08      Acquired: 3/24/2025 14:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.125465 | -.015005 | .3095785 |
| Stddev | .006080  | .001504  | .0011013 |
| %RSD   | .2860641 | 10.02137 | .3557274 |
| #1     | 2.127730 | -.014682 | .3086425 |
| #2     | 2.118577 | -.016644 | .3107919 |
| #3     | 2.130087 | -.013689 | .3093010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2978.060 | 69336.22 | 15433.05 | 1966.344 | 4348.693 |
| Stddev    | 15.220   | 240.71   | 26.14    | 7.151    | 11.871   |
| %RSD      | .5110872 | .3471633 | .1693774 | .3636470 | .2729707 |
| #1        | 2987.995 | 69214.81 | 15439.77 | 1970.938 | 4349.737 |
| #2        | 2985.648 | 69613.46 | 15455.17 | 1969.989 | 4360.007 |
| #3        | 2960.537 | 69180.40 | 15404.21 | 1958.105 | 4336.334 |

Sample Name: Q1606-10      Acquired: 3/24/2025 14:55:11      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080234 | -.004241 | .0548573 | .0051105 | -.000306 | .0060811 | .2467633 |
| Stddev | .0021553 | .000411  | .0003974 | .0008379 | .000507  | .0044651 | .0011101 |
| %RSD   | 26.86277 | 9.692001 | .7244011 | 16.39664 | 165.4099 | 73.42538 | .4498461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086686 | -.004516 | .0550849 | .0051101 | .000255  | .0009285 | .2456490 |
| #2 | .0056192 | -.003768 | .0543984 | .0042728 | -.000731 | .0085002 | .2467720 |
| #3 | .0097825 | -.004439 | .0550885 | .0059487 | -.000442 | .0088148 | .2478690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001397 | -.001913 | 52.33303 | .0000162 | .0095038 | .0111462 | 33.91576 |
| Stddev | .0000633 | .000087  | .15414   | .0003718 | .0000542 | .0003526 | .30653   |
| %RSD   | 45.30502 | 4.549224 | .2945420 | 2296.636 | .5708610 | 3.163532 | .9037976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001884 | -.001837 | 52.16743 | .0001539 | .0094786 | .0113348 | 33.61850 |
| #2 | .0000682 | -.002008 | 52.35934 | -.000405 | .0094668 | .0113643 | 33.89799 |
| #3 | .0001625 | -.001894 | 52.47232 | .000299  | .0095661 | .0107394 | 34.23079 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.145132 | .9997612 | .0164167 | .0000101 | 333.4113 | .0014289 | .3739536 |
| Stddev | .002173  | .0081771 | .0006212 | .0000623 | 3.4240   | .0004299 | .0030510 |
| %RSD   | .1897368 | .8179107 | 3.784227 | 616.4525 | 1.026956 | 30.08285 | .8158798 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.143100 | .9997167 | .0168340 | -.000062 | 333.4851 | .0016029 | .3714926 |
| #2 | 1.144874 | .9916064 | .0157027 | .000045  | 329.9510 | .0009393 | .3730010 |
| #3 | 1.147423 | 1.007961 | .0167134 | .000047  | 336.7978 | .0017445 | .3773673 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.621012 | .0122479 | .0009717 | -.006606 | .0003529 | 1.424074 | .0899942 |
| Stddev | .041787  | .0008052 | .0003841 | .000625  | .0004095 | .009305  | .0033070 |
| %RSD   | 2.577841 | 6.574256 | 39.53111 | 9.461019 | 116.0409 | .6534383 | 3.674675 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.576316 | .0127688 | .0006393 | -.005910 | -.000120 | 1.424378 | .0925179 |
| #2 | 1.627617 | .0113205 | .0008837 | -.007118 | .000594  | 1.414620 | .0912141 |
| #3 | 1.659104 | .0126544 | .0013922 | -.006791 | .000584  | 1.433223 | .0862505 |

Sample Name: Q1606-10      Acquired: 3/24/2025 14:55:11      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.117578 | .0054044 | .1937598 |
| Stddev | .005877  | .0009633 | .0004574 |
| %RSD   | .5258786 | 17.82465 | .2360726 |
| #1     | 1.111590 | .0056599 | .1932614 |
| #2     | 1.123337 | .0043391 | .1938576 |
| #3     | 1.117806 | .0062142 | .1941604 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2941.967 | 70133.96 | 15384.74 | 1955.268 | 4309.914 |
| Stddev    | 10.593   | 472.58   | 32.24    | 11.569   | 5.344    |
| %RSD      | .3600677 | .6738269 | .2095592 | .5916983 | .1239825 |
| #1        | 2942.956 | 70324.91 | 15348.49 | 1963.050 | 4311.886 |
| #2        | 2952.031 | 70481.19 | 15410.22 | 1960.780 | 4313.992 |
| #3        | 2930.914 | 69595.78 | 15395.52 | 1941.973 | 4303.865 |



Sample Name: CCV05      Acquired: 3/24/2025 15:30:13      Type: Unk  
Method: NON EPA-6010-200.7(v2836)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.856599 | 4.768568 | 4.644283 | 4.950738 | 5.001967 | 9.475392 |
| Stddev | .023345  | .044931  | .013890  | .008062  | .025680  | .041264  |
| %RSD   | .4806882 | .9422374 | .2990850 | .1628494 | .5134014 | .4354880 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.846675 | 4.773084 | 4.641492 | 4.950191 | 4.983849 | 9.449547 |
| #2 | 4.839854 | 4.721550 | 4.632001 | 4.942964 | 4.990697 | 9.453647 |
| #3 | 4.883266 | 4.811071 | 4.659357 | 4.959060 | 5.031355 | 9.522980 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.348649 | .2521179 | 2.305214 | 22.51293 | .9402167 | 2.328920 |
| Stddev | .136426  | .0017332 | .008311  | .12926   | .0016726 | .006813  |
| %RSD   | 1.459309 | .6874389 | .3605370 | .5741679 | .1778942 | .2925467 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.201816 | .2505029 | 2.303977 | 22.39770 | .9383467 | 2.327750 |
| #2 | 9.372649 | .2519019 | 2.297590 | 22.48839 | .9407334 | 2.322768 |
| #3 | 9.471483 | .2539489 | 2.314074 | 22.65271 | .9415700 | 2.336243 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.223961 | 4.638095 | 2.577952 | 26.19876 | 2.327187 | 1.179891 |
| Stddev | .005524  | .019111  | .013031  | .17542   | .006774  | .002122  |
| %RSD   | .4513490 | .4120392 | .5054708 | .6695547 | .2910926 | .1798628 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.220517 | 4.616677 | 2.564959 | 26.02870 | 2.326235 | 1.177441 |
| #2 | 1.221033 | 4.644203 | 2.577877 | 26.18850 | 2.320940 | 1.181071 |
| #3 | 1.230333 | 4.653405 | 2.591020 | 26.37908 | 2.334388 | 1.181161 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 23.61883 | 2.308520 | 2.398956 | 24.24969 | F 4.387070 | 4.983369 |
| Stddev | .04443   | .009634  | .005892  | .03452   | .026106    | .019580  |
| %RSD   | .1881234 | .4173343 | .2455861 | .1423718 | .5950686   | .3929114 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.59511 | 2.298245 | 2.392819 | 24.21103 | 4.364934 | 4.973944 |
| #2 | 23.67009 | 2.309964 | 2.404566 | 24.26058 | 4.380419 | 4.970284 |
| #3 | 23.59129 | 2.317351 | 2.399484 | 24.27745 | 4.415859 | 5.005879 |

Sample Name: CCV05      Acquired: 3/24/2025 15:30:13      Type: Unk  
Method: NON EPA-6010-200.7(v2836)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.668137 | 4.616860 | 4.823479 | 4.736218 | 4.666587 | 4.660634 |
| Stddev | .021871  | .016155  | .024851  | .005046  | .021052  | .012761  |
| %RSD   | .4685189 | .3499207 | .5152058 | .1065309 | .4511150 | .2738063 |
| #1     | 4.664426 | 4.601990 | 4.803549 | 4.735982 | 4.663404 | 4.648274 |
| #2     | 4.648358 | 4.614541 | 4.815564 | 4.731295 | 4.647309 | 4.659866 |
| #3     | 4.691626 | 4.634050 | 4.851323 | 4.741377 | 4.689049 | 4.673761 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.688580 |
| Stddev | .049013  |
| %RSD   | 1.045366 |
| #1     | 4.669343 |
| #2     | 4.652105 |
| #3     | 4.744294 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3171.330 | 74032.96 | 15670.53 | 2103.346 | 4686.424 |
| Stddev    | 13.113   | 326.31   | 117.13   | 11.355   | 16.136   |
| %RSD      | .4134997 | .4407639 | .7474754 | .5398402 | .3443169 |
| #1        | 3177.205 | 74409.19 | 15790.35 | 2115.585 | 4689.449 |
| #2        | 3180.479 | 73862.68 | 15664.96 | 2093.153 | 4700.834 |
| #3        | 3156.307 | 73827.01 | 15556.28 | 2101.301 | 4668.990 |

Sample Name: CCB05      Acquired: 3/24/2025 15:34:23      Type: Unk  
Method: NON EPA-6010-200.7(v2836)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000773 | -.002030 | .0008656 | -.000859 | -.000322 | .0012354 | -.009846 |
| Stddev | .000083  | .002135  | .0004711 | .001501  | .000311  | .0033235 | .000738  |
| %RSD   | 10.74563 | 105.1900 | 54.42198 | 174.7683 | 96.64446 | 269.0185 | 7.495761 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000816 | -.000540 | .0009698 | -.001881 | -.000641 | .0042357 | -.009089 |
| #2 | -.000825 | -.004476 | .0003511 | .000864  | -.000304 | .0018075 | -.009884 |
| #3 | -.000677 | -.001073 | .0012758 | -.001559 | -.000020 | -.002337 | -.010564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000927 | .0000187 | -.004559 | .0001302 | .0001789 | -.000052 | -.000627 |
| Stddev | .0000401 | .0000440 | .001753  | .0002642 | .0001600 | .000217  | .001334  |
| %RSD   | 43.26372 | 235.5613 | 38.45404 | 202.9781 | 89.43165 | 420.5704 | 212.7250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001201 | .0000140 | -.004326 | -.000093 | .0000181 | -.000196 | -.002110 |
| #2 | .0001112 | -.000023 | -.006417 | .000061  | .0001806 | -.000157 | -.000249 |
| #3 | .0000467 | .000065  | -.002934 | .000422  | .0003381 | .000198  | .000477  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000348 | .0174082 | -.000166 | .0005593 | .0256425 | .0003372 | -.000661 |
| Stddev | .000321  | .0086917 | .000141  | .0000898 | .0081732 | .0016074 | .000147  |
| %RSD   | 92.22957 | 49.92888 | 85.42184 | 16.04745 | 31.87350 | 476.7364 | 22.22934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000062 | .0119005 | -.000091 | .0005959 | .0175821 | -.001504 | -.000815 |
| #2 | -.000695 | .0274281 | -.000077 | .0006250 | .0254215 | .001058  | -.000645 |
| #3 | -.000286 | .0128961 | -.000329 | .0004570 | .0339240 | .001458  | -.000523 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1493723 | .0068977 | .0001747 | -.002699 | .0009766 | .0108751 | -.000884 |
| Stddev | .0221557 | .0005592 | .0003139 | .000199  | .0002203 | .0037746 | .001489  |
| %RSD   | 14.83253 | 8.106891 | 179.7130 | 7.384741 | 22.55760 | 34.70837 | 168.4164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1407367 | .0068847 | .0001032 | -.002535 | .0008458 | .0065340 | -.000141 |
| #2 | .1328349 | .0074633 | .0005181 | -.002643 | .0012310 | .0127089 | -.002599 |
| #3 | .1745455 | .0063451 | -.000097 | -.002921 | .0008531 | .0133824 | .000087  |

Sample Name: CCB05      Acquired: 3/24/2025 15:34:23      Type: Unk  
Method: NON EPA-6010-200.7(v2836)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001178 | -.004776 | .0000823 |
| Stddev | .002203  | .000665  | .0000494 |
| %RSD   | 187.0677 | 13.92908 | 59.99002 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002195 | -.004914 | .0000473 |
| #2 | .001350  | -.005361 | .0001388 |
| #3 | -.002688 | -.004052 | .0000608 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3270.877 | 75952.20 | 15897.70 | 2162.927 | 5233.481 |
| Stddev    | 4.143    | 282.95   | 61.53    | 8.446    | 7.975    |
| %RSD      | .1266761 | .3725376 | .3870134 | .3905048 | .1523937 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3275.362 | 75750.18 | 15850.15 | 2158.423 | 5231.422 |
| #2 | 3270.078 | 75830.83 | 15875.76 | 2157.687 | 5242.285 |
| #3 | 3267.191 | 76275.59 | 15967.19 | 2172.671 | 5226.738 |

Sample Name: Q1610-03      Acquired: 3/24/2025 15:43:10      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006139 | -.005404 | .0115232 | .0023454 | .0006132 | .0688238 | .4370669 |
| Stddev | .001881  | .001723  | .0004136 | .0006850 | .0019300 | .0020196 | .0021045 |
| %RSD   | 30.64744 | 31.87801 | 3.589440 | 29.20769 | 314.7228 | 2.934429 | .4815017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005975 | -.007150 | .0114044 | .0017122 | -.000661 | .0683221 | .4385031 |
| #2 | -.004345 | -.003706 | .0119832 | .0030726 | .002834  | .0671024 | .4380463 |
| #3 | -.008097 | -.005355 | .0111820 | .0022513 | -.000333 | .0710470 | .4346512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000038 | .0002910 | 19.89137 | .0056671 | .0061783 | .0152692 | .0544618 |
| Stddev | .0000252 | .0000310 | .08005   | .0001725 | .0001383 | .0000445 | .0026890 |
| %RSD   | 669.1240 | 10.64721 | .4024416 | 3.043836 | 2.237955 | .2916317 | 4.937437 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000012 | .0002690 | 19.97974 | .0054841 | .0060337 | .0152794 | .0548093 |
| #2 | .000033  | .0003264 | 19.87066 | .0056904 | .0061918 | .0153078 | .0569603 |
| #3 | -.000010 | .0002775 | 19.82371 | .0058268 | .0063093 | .0152205 | .0516160 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9461420 | 6.157700 | .0243851 | .0001826 | 309.1200 | .0008572 | .2174548 |
| Stddev | .0064715 | .029725  | .0003627 | .0001776 | 2.9409   | .0016489 | .0005731 |
| %RSD   | .6839891 | .4827264 | 1.487227 | 97.27270 | .9513701 | 192.3577 | .2635296 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9518095 | 6.173137 | .0239990 | .0000627 | 309.4901 | -.000339 | .2179141 |
| #2 | .9475260 | 6.176531 | .0244378 | .0000984 | 311.8583 | .002738  | .2168126 |
| #3 | .9390904 | 6.123433 | .0247186 | .0003866 | 306.0116 | .000173  | .2176377 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.822182 | .1011465 | .0000492 | -.003917 | .0002166 | 1.935378 | .0195717 |
| Stddev | .011448  | .0010223 | .0002556 | .000436  | .0005542 | .008951  | .0016903 |
| %RSD   | .6282429 | 1.010743 | 519.6456 | 11.12669 | 255.9245 | .4624826 | 8.636461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.829104 | .1020087 | -.000056 | -.004413 | -.000401 | 1.944473 | .0211188 |
| #2 | 1.828474 | .1000171 | .000341  | -.003597 | .000380  | 1.935084 | .0177676 |
| #3 | 1.808968 | .1014137 | -.000137 | -.003740 | .000671  | 1.926578 | .0198287 |

Sample Name: Q1610-03      Acquired: 3/24/2025 15:43:10      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6051818 | -.008666 | .0847254 |
| Stddev | .0027802 | .001188  | .0005182 |
| %RSD   | .4594024 | 13.70417 | .6115713 |
| #1     | .6028309 | -.007358 | .0849833 |
| #2     | .6044640 | -.009677 | .0850641 |
| #3     | .6082505 | -.008963 | .0841289 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3081.540 | 71243.04 | 15878.22 | 2051.518 | 4513.781 |
| Stddev    | 7.469    | 167.66   | 30.20    | 16.040   | 4.315    |
| %RSD      | .2423705 | .2353357 | .1902216 | .7818809 | .0956010 |
| #1        | 3077.281 | 71102.50 | 15843.45 | 2033.161 | 4517.011 |
| #2        | 3090.164 | 71198.01 | 15893.20 | 2058.563 | 4515.452 |
| #3        | 3077.174 | 71428.62 | 15898.00 | 2062.830 | 4508.880 |

Sample Name: Q1609-03      Acquired: 3/24/2025 15:53:01      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003589 | -.006700 | .0092396 | .0007246 | -.000852 | -.023245 | .1395511 |
| Stddev | .001446  | .002262  | .0007138 | .0027528 | .001250  | .005138  | .0011594 |
| %RSD   | 40.29256 | 33.75777 | 7.725190 | 379.9109 | 146.7587 | 22.10298 | .8308314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002437 | -.009311 | .0084455 | -.000947 | -.002267 | -.026541 | .1408229 |
| #2 | -.003117 | -.005318 | .0094453 | -.000781 | .000102  | -.025869 | .1392776 |
| #3 | -.005211 | -.005472 | .0098279 | .003902  | -.000390 | -.017325 | .1385529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000110 | .0004357 | 119.5488 | -.000111 | .0071840 | .0071176 | .0804791 |
| Stddev | .000063  | .0000340 | .7081    | .000255  | .0002234 | .0001464 | .0005505 |
| %RSD   | 57.04458 | 7.804193 | .5923495 | 231.0824 | 3.108919 | 2.057063 | .6840297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000161 | .0004687 | 119.7877 | -.000361 | .0070988 | .0072833 | .0806583 |
| #2 | -.000130 | .0004376 | 120.1066 | .000150  | .0074375 | .0070058 | .0809177 |
| #3 | -.000040 | .0004008 | 118.7521 | -.000121 | .0070159 | .0070637 | .0798613 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3168813 | 28.91400 | .0104674 | .0003954 | 410.3583 | .0012753 | .0561173 |
| Stddev | .0017546 | .19854   | .0002037 | .0000811 | 2.5900   | .0007633 | .0005051 |
| %RSD   | .5537191 | .6866462 | 1.946186 | 20.50069 | .6311663 | 59.85378 | .9000305 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3161671 | 28.94280 | .0106774 | .0004502 | 407.8510 | .0004003 | .0564520 |
| #2 | .3188804 | 29.09657 | .0102706 | .0004338 | 413.0238 | .0018046 | .0563636 |
| #3 | .3155963 | 28.70264 | .0104543 | .0003023 | 410.2001 | .0016209 | .0555363 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.761076 | .0191514 | .0008115 | -.003916 | -.001962 | 3.368402 | .0062952 |
| Stddev | .030054  | .0004679 | .0003993 | .000364  | .000174  | .046352  | .0012590 |
| %RSD   | 1.706569 | 2.443293 | 49.20888 | 9.296426 | 8.876386 | 1.376089 | 19.99879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.760280 | .0189727 | .0009494 | -.004317 | -.002141 | 3.359014 | .0057588 |
| #2 | 1.731428 | .0196824 | .0003615 | -.003823 | -.001953 | 3.327463 | .0053933 |
| #3 | 1.791520 | .0187992 | .0011236 | -.003607 | -.001793 | 3.418730 | .0077336 |

Sample Name: Q1609-03      Acquired: 3/24/2025 15:53:01      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.020378 | -.025645 | .1803063 |
| Stddev | .007311  | .000994  | .0006835 |
| %RSD   | .3618656 | 3.876301 | .3790845 |
| #1     | 2.025195 | -.024516 | .1807111 |
| #2     | 2.011966 | -.026387 | .1806906 |
| #3     | 2.023975 | -.026032 | .1795171 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2928.125 | 68008.39 | 15718.04 | 1919.883 | 4269.219 |
| Stddev    | 12.159   | 226.68   | 198.16   | 10.893   | 19.231   |
| %RSD      | .4152320 | .3333132 | 1.260742 | .5673533 | .4504583 |
| #1        | 2914.358 | 68163.06 | 15707.97 | 1927.391 | 4247.591 |
| #2        | 2932.623 | 68113.93 | 15525.09 | 1924.868 | 4275.671 |
| #3        | 2937.394 | 67748.18 | 15921.04 | 1907.390 | 4284.394 |



Sample Name: Q1619-02      Acquired: 3/24/2025 15:57:30      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007147 | -.006289 | .0014286 | -.001123 | .0003787 | .2367432 | .1715769 |
| Stddev | .002162  | .003359  | .0006372 | .003134  | .0011687 | .0037708 | .0012985 |
| %RSD   | 30.25509 | 53.41187 | 44.60672 | 279.1174 | 308.6223 | 1.592775 | .7568027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.006664 | -.009289 | .0019597 | -.001530 | -.000958 | .2385858 | .1730460 |
| #2 | -.005267 | -.006920 | .0016041 | -.004033 | .001206  | .2392384 | .1711019 |
| #3 | -.009510 | -.002660 | .0007220 | .002195  | .000889  | .2324054 | .1705827 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000129 | -.000110 | 157.2732 | .0044349 | -.000463 | .0029832 | .0055976 |
| Stddev | .000040  | .000051  | .5681    | .0001416 | .000086  | .0001264 | .0040300 |
| %RSD   | 31.45515 | 46.39831 | .3612224 | 3.192668 | 18.61627 | 4.237922 | 71.99566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000128 | -.000164 | 157.9110 | .0045392 | -.000445 | .0030218 | .0090696 |
| #2 | -.000089 | -.000104 | 157.0870 | .0042737 | -.000387 | .0030858 | .0011783 |
| #3 | -.000169 | -.000063 | 156.8216 | .0044918 | -.000557 | .0028420 | .0065450 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0406085 | .0311864 | -.000286 | .0003039 | 313.6848 | .0014983 | .0029549 |
| Stddev | .0001399 | .0080974 | .000194  | .0000985 | .9140    | .0006218 | .0004488 |
| %RSD   | .3445628 | 25.96461 | 68.08203 | 32.40431 | .2913647 | 41.49672 | 15.18775 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0404667 | .0266995 | -.000091 | .0002948 | 313.4893 | .0008887 | .0034705 |
| #2 | .0406125 | .0405340 | -.000480 | .0002103 | 312.8843 | .0014748 | .0027417 |
| #3 | .0407464 | .0263257 | -.000286 | .0004066 | 314.6807 | .0021315 | .0026524 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.074127 | .0285588 | .0007721 | -.006551 | -.002605 | 1.331040 | .0081352 |
| Stddev | .028142  | .0002272 | .0000304 | .000819  | .000352  | .001232  | .0007945 |
| %RSD   | .9154445 | .7957187 | 3.932211 | 12.50010 | 13.49872 | .0925292 | 9.766526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.099936 | .0287809 | .0008008 | -.006625 | -.002381 | 1.332038 | .0079512 |
| #2 | 3.044123 | .0285689 | .0007403 | -.005698 | -.002425 | 1.329663 | .0074487 |
| #3 | 3.078322 | .0283267 | .0007750 | -.007331 | -.003011 | 1.331418 | .0090055 |

Sample Name: Q1619-02      Acquired: 3/24/2025 15:57:30      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.264639 | -.030491 | 1.656147 |
| Stddev | .010235  | .000228  | .021060  |
| %RSD   | .2399892 | .7491937 | 1.271652 |
| #1     | 4.260365 | -.030539 | 1.653975 |
| #2     | 4.257233 | -.030691 | 1.636257 |
| #3     | 4.276317 | -.030242 | 1.678209 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2960.087 | 69374.77 | 16023.63 | 1947.583 | 4338.387 |
| Stddev    | 7.714    | 419.62   | 40.88    | 6.833    | 8.251    |
| %RSD      | .2606096 | .6048628 | .2551045 | .3508424 | .1901845 |
| #1        | 2967.768 | 68893.04 | 15978.05 | 1942.291 | 4344.625 |
| #2        | 2960.153 | 69570.53 | 16035.80 | 1945.160 | 4341.505 |
| #3        | 2952.340 | 69660.74 | 16057.04 | 1955.297 | 4329.032 |

Sample Name: Q1619-04      Acquired: 3/24/2025 16:02:06      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.007076 | -.007821 | .0004527 | -.001155 | .0019297 | -.052602 |
| Stddev | .001912  | .001689  | .0019418 | .003377  | .0009409 | .003990  |
| %RSD   | 27.02635 | 21.59036 | 428.9860 | 292.4613 | 48.75874 | 7.585737 |
| #1     | -.008909 | -.007030 | .0018540 | .000797  | .0008640 | -.048786 |
| #2     | -.005093 | -.009759 | -.001764 | .000793  | .0026456 | -.056746 |
| #3     | -.007225 | -.006673 | .001268  | -.005054 | .0022793 | -.052273 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1151806 | -.000137 | -.000052 | 182.1678 | .0012661 | -.000080 |
| Stddev | .0005210 | .000029  | .000088  | .4118    | .0004811 | .000414  |
| %RSD   | .4522953 | 21.45840 | 168.6086 | .2260393 | 38.00098 | 514.4167 |
| #1     | .1151673 | -.000106 | -.000154 | 182.2181 | .0018213 | .000329  |
| #2     | .1146664 | -.000165 | -.000005 | 181.7332 | .0010040 | -.000499 |
| #3     | .1157081 | -.000139 | .000002  | 182.5521 | .0009728 | -.000071 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096248 | .0117363 | .0596600 | 8.515223 | .0029519 | .0002895 |
| Stddev | .0002327 | .0046832 | .0002744 | .031355  | .0001809 | .0001452 |
| %RSD   | 2.417901 | 39.90369 | .4599189 | .3682227 | 6.129195 | 50.16408 |
| #1     | .0095800 | .0086795 | .0595558 | 8.544059 | .0027853 | .0004525 |
| #2     | .0098766 | .0171279 | .0594529 | 8.481844 | .0031444 | .0001739 |
| #3     | .0094177 | .0094015 | .0599712 | 8.519765 | .0029260 | .0002421 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 337.8779 | .0035556 | .0773861 | 8.046376 | .0756510 | .0022139 |
| Stddev | .7859    | .0001844 | .0007928 | .037841  | .0008899 | .0002487 |
| %RSD   | .2326007 | 5.185270 | 1.024417 | .4702810 | 1.176293 | 11.23423 |
| #1     | 337.9785 | .0035015 | .0779651 | 8.022571 | .0757835 | .0021275 |
| #2     | 338.6087 | .0034044 | .0764826 | 8.026547 | .0747023 | .0024943 |
| #3     | 337.0466 | .0037610 | .0777106 | 8.090010 | .0764672 | .0020199 |

Sample Name: Q1619-04      Acquired: 3/24/2025 16:02:06      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.006873 | -.003694 | 5.969948 | .0136215 | F 19.98415 | -.026556 |
| Stddev | .000958  | .000636  | .011688  | .0013057 | .09312     | .000687  |
| %RSD   | 13.93233 | 17.21053 | .1957724 | 9.585319 | .4659535   | 2.587799 |
| #1     | -.007966 | -.004292 | 5.966314 | .0135500 | 20.01306   | -.027034 |
| #2     | -.006473 | -.003026 | 5.983021 | .0149614 | 19.88000   | -.026866 |
| #3     | -.006181 | -.003764 | 5.960510 | .0123531 | 20.05937   | -.025768 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.214701 |
| Stddev | .018053  |
| %RSD   | 1.486222 |
| #1     | 1.234955 |
| #2     | 1.208846 |
| #3     | 1.200303 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2963.276 | 69119.27 | 15850.24 | 1958.563 | 4313.793 |
| Stddev    | 3.344    | 48.27    | 21.34    | 10.935   | 6.975    |
| %RSD      | .1128489 | .0698303 | .1346139 | .5583193 | .1616931 |
| #1        | 2959.489 | 69103.07 | 15843.86 | 1946.109 | 4315.735 |
| #2        | 2964.513 | 69081.19 | 15874.04 | 1966.592 | 4319.591 |
| #3        | 2965.825 | 69173.56 | 15832.82 | 1962.989 | 4306.052 |

Sample Name: Q1619-06      Acquired: 3/24/2025 16:06:39      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004840 | -.006026 | .0022291 | -.003085 | -.001019 | -.020286 | .7250775 |
| Stddev | .002426  | .001041  | .0009839 | .003238  | .000934  | .006913  | .0034746 |
| %RSD   | 50.11605 | 17.28074 | 44.13964 | 104.9505 | 91.61065 | 34.07508 | .4792016 |
| #1     | -.002190 | -.005062 | .0032748 | -.002501 | -.000355 | -.015723 | .7284377 |
| #2     | -.005378 | -.005885 | .0013217 | -.000179 | -.002087 | -.016896 | .7252960 |
| #3     | -.006951 | -.007130 | .0020907 | -.006575 | -.000616 | -.028239 | .7214989 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000114 | -.000542 | 116.4364 | .0074129 | .0096726 | .0015217 | 8.224080 |
| Stddev | .000044  | .000013  | .2613    | .0000595 | .0002560 | .0002879 | .033639  |
| %RSD   | 38.14474 | 2.444513 | .2244158 | .8028840 | 2.646686 | 18.92185 | .4090266 |
| #1     | -.000155 | -.000541 | 116.7351 | .0074779 | .0093906 | .0016333 | 8.239182 |
| #2     | -.000119 | -.000556 | 116.3245 | .0073999 | .0097368 | .0011947 | 8.185537 |
| #3     | -.000068 | -.000529 | 116.2498 | .0073611 | .0098904 | .0017372 | 8.247522 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.744154 | 6.816102 | .0282620 | .0001729 | 315.1840 | .0018248 | .2184150 |
| Stddev | .008916  | .007714  | .0001293 | .0001908 | 3.8050   | .0000631 | .0012736 |
| %RSD   | .5112010 | .1131758 | .4574220 | 110.3692 | 1.207222 | 3.455254 | .5831133 |
| #1     | 1.754015 | 6.821663 | .0281329 | .0003932 | 310.8724 | .0017615 | .2180438 |
| #2     | 1.741784 | 6.819346 | .0283915 | .0000642 | 318.0716 | .0018876 | .2173682 |
| #3     | 1.736662 | 6.807295 | .0282616 | .0000612 | 316.6080 | .0018252 | .2198330 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.550885 | .1017638 | .0002988 | -.006667 | -.001777 | 2.639746 | .0084116 |
| Stddev | .026915  | .0010226 | .0001780 | .000822  | .000245  | .013252  | .0016496 |
| %RSD   | 1.055122 | 1.004875 | 59.59038 | 12.33364 | 13.79311 | .5020028 | 19.61150 |
| #1     | 2.526670 | .1027321 | .0001072 | -.006375 | -.001825 | 2.625951 | .0065236 |
| #2     | 2.546121 | .1006944 | .0004591 | -.006031 | -.001511 | 2.640909 | .0095747 |
| #3     | 2.579864 | .1018649 | .0003300 | -.007596 | -.001994 | 2.652378 | .0091364 |

Sample Name: Q1619-06      Acquired: 3/24/2025 16:06:39      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.381218 | -.023020 | .2334340 |
| Stddev | .003595  | .000663  | .0009200 |
| %RSD   | .2602470 | 2.881516 | .3941008 |
| #1     | 1.385367 | -.023778 | .2344594 |
| #2     | 1.379031 | -.022546 | .2331616 |
| #3     | 1.379258 | -.022737 | .2326809 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2999.213 | 70376.95 | 15823.51 | 2000.339 | 4385.411 |
| Stddev    | 11.290   | 227.88   | 65.01    | 8.818    | 6.434    |
| %RSD      | .3764211 | .3238053 | .4108630 | .4408004 | .1467155 |
| #1        | 3000.690 | 70300.13 | 15756.66 | 2003.974 | 4381.144 |
| #2        | 3009.691 | 70633.32 | 15886.52 | 2006.758 | 4392.812 |
| #3        | 2987.257 | 70197.40 | 15827.35 | 1990.285 | 4382.278 |

Sample Name: Q1619-08      Acquired: 3/24/2025 16:11:01      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0115721 | -.003927 | .0012483 | -.000338 | -.004284 | -.034975 | .6836836 |
| Stddev | .0017296 | .002375  | .0005468 | .000246  | .000444  | .005767  | .0044990 |
| %RSD   | 14.94664 | 60.48181 | 43.80289 | 72.74853 | 10.37333 | 16.48886 | .6580508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0122166 | -.006162 | .0013771 | -.000248 | -.004280 | -.040221 | .6887848 |
| #2 | .0096127 | -.001433 | .0017192 | -.000617 | -.003841 | -.035904 | .6819842 |
| #3 | .0128869 | -.004184 | .0006486 | -.000150 | -.004730 | -.028800 | .6802818 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000179 | -.001427 | 125.0480 | .0012923 | .0026235 | .0033725 | 22.46379 |
| Stddev | .0000431 | .000017  | .3109    | .0002820 | .0002848 | .0003827 | .18063   |
| %RSD   | 240.1670 | 1.158548 | .2486542 | 21.81937 | 10.85693 | 11.34725 | .8040991 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000030 | -.001443 | 125.3780 | .0010896 | .0023202 | .0034194 | 22.66605 |
| #2 | .000053  | -.001410 | 124.7604 | .0011731 | .0028853 | .0037296 | 22.31854 |
| #3 | .000032  | -.001428 | 125.0057 | .0016143 | .0026649 | .0029685 | 22.40679 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.623386 | 2.554568 | .0064212 | -.000131 | 348.5926 | .0019200 | .3067588 |
| Stddev | .007637  | .009634  | .0000802 | .000375  | 4.1609   | .0006629 | .0014088 |
| %RSD   | .4704319 | .3771177 | 1.249705 | 285.7134 | 1.193640 | 34.52717 | .4592634 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.632089 | 2.553506 | .0063395 | -.000543 | 352.8980 | .0018750 | .3073848 |
| #2 | 1.617803 | 2.545510 | .0064999 | .000192  | 348.2869 | .0026042 | .3051454 |
| #3 | 1.620267 | 2.564689 | .0064240 | -.000043 | 344.5930 | .0012807 | .3077461 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.502605 | .1335169 | .0003728 | -.007623 | -.001950 | 2.760749 | .4009081 |
| Stddev | .039425  | .0016822 | .0002409 | .000373  | .000140  | .023365  | .0033624 |
| %RSD   | 1.125600 | 1.259933 | 64.61463 | 4.892197 | 7.183423 | .8463356 | .8386840 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.542979 | .1344557 | .0000958 | -.007208 | -.001815 | 2.783730 | .4007767 |
| #2 | 3.464202 | .1315748 | .0005329 | -.007729 | -.002095 | 2.737017 | .3976134 |
| #3 | 3.500636 | .1345203 | .0004898 | -.007931 | -.001940 | 2.761500 | .4043342 |

Sample Name: Q1619-08      Acquired: 3/24/2025 16:11:01      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.198335 | -.018667 | .3837729 |
| Stddev | .006751  | .001144  | .0030430 |
| %RSD   | .5634002 | 6.126372 | .7929187 |
| #1     | 1.204631 | -.017355 | .3872539 |
| #2     | 1.199168 | -.019449 | .3824471 |
| #3     | 1.191206 | -.019198 | .3816178 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2967.136 | 68707.99 | 15840.58 | 1945.173 | 4320.821 |
| Stddev    | 5.740    | 180.29   | 62.10    | 11.135   | 7.614    |
| %RSD      | .1934554 | .2623952 | .3920178 | .5724175 | .1762052 |
| #1        | 2972.707 | 68603.90 | 15910.74 | 1935.119 | 4328.556 |
| #2        | 2967.460 | 68916.17 | 15818.33 | 1957.140 | 4320.573 |
| #3        | 2961.241 | 68603.90 | 15792.67 | 1943.259 | 4313.335 |



Sample Name: Q1576-01DLX10      Acquired: 3/24/2025 16:15:25      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.652976 | .0013730 | .2085632 | -.000575 | -.001381 | 2.923130 |
| Stddev | .006352  | .0004945 | .0015982 | .003700  | .000868  | .001593  |
| %RSD   | .1123601 | 36.01824 | .7663071 | 644.0106 | 62.88000 | .0544905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.658889 | .0012804 | .2094134 | -.003216 | -.000379 | 2.924925 |
| #2 | 5.646262 | .0019072 | .2067196 | -.002162 | -.001921 | 2.921883 |
| #3 | 5.653778 | .0009313 | .2095567 | .003655  | -.001841 | 2.922583 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0641298 | .0003915 | .0037443 | 30.28111 | .0279197 | .0020418 |
| Stddev | .0001580 | .0000218 | .0000406 | .14733   | .0003123 | .0002400 |
| %RSD   | .2463563 | 5.554681 | 1.083785 | .4865260 | 1.118480 | 11.75499 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0642644 | .0003886 | .0037718 | 30.36520 | .0279148 | .0022945 |
| #2 | .0641692 | .0004146 | .0036977 | 30.11100 | .0282344 | .0018169 |
| #3 | .0639559 | .0003714 | .0037633 | 30.36714 | .0276100 | .0020141 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1104609 | 38.03496 | .2251148 | 3.516446 | .0060340 | .0003587 |
| Stddev | .0001666 | .14464   | .0019335 | .019019  | .0001286 | .0000999 |
| %RSD   | .1508584 | .3802758 | .8588818 | .5408569 | 2.131220 | 27.84850 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1102865 | 38.13810 | .2253090 | 3.517868 | .0061536 | .0003464 |
| #2 | .1104776 | 37.86963 | .2230915 | 3.496756 | .0060504 | .0002655 |
| #3 | .1106185 | 38.09716 | .2269438 | 3.534714 | .0058980 | .0004641 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.50965 | .0097149 | .4930785 | 3.331613 | .0249021 | .0056374 |
| Stddev | .15683   | .0005174 | .0023144 | .038738  | .0008229 | .0002212 |
| %RSD   | .6671068 | 5.325730 | .4693750 | 1.162751 | 3.304710 | 3.922900 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.68802 | .0099629 | .4936810 | 3.301639 | .0241697 | .0053827 |
| #2 | 23.44756 | .0100617 | .4950320 | 3.317845 | .0247440 | .0057485 |
| #3 | 23.39336 | .0091202 | .4905224 | 3.375354 | .0257926 | .0057810 |

Sample Name: Q1576-01DLX10      Acquired: 3/24/2025 16:15:25      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0056985 | .0530772 | 5.512672 | .7945590 | F 14.14438 | .0209383 |
| Stddev | .0001198 | .0014162 | .014815  | .0027401 | .04213     | .0004785 |
| %RSD   | 2.102250 | 2.668169 | .2687387 | .3448522 | .2978399   | 2.285384 |
| #1     | .0055653 | .0541636 | 5.499573 | .7966950 | 14.16728   | .0206683 |
| #2     | .0057974 | .0535924 | 5.528750 | .7914696 | 14.09576   | .0214908 |
| #3     | .0057328 | .0514755 | 5.509692 | .7955124 | 14.17009   | .0206557 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1066031 |
| Stddev | .0008817 |
| %RSD   | .8271224 |
| #1     | .1073972 |
| #2     | .1056542 |
| #3     | .1067579 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3244.651 | 76016.01 | 16558.18 | 2133.390 | 4937.817 |
| Stddev    | 3.091    | 48.52    | 78.25    | 5.095    | 4.638    |
| %RSD      | .0952781 | .0638330 | .4725848 | .2388450 | .0939344 |
| #1        | 3241.391 | 76010.16 | 16549.23 | 2130.164 | 4933.800 |
| #2        | 3247.540 | 76067.19 | 16640.53 | 2130.741 | 4942.893 |
| #3        | 3245.023 | 75970.67 | 16484.79 | 2139.264 | 4936.756 |

Sample Name: Q1576-01DUPDLX10      Acquired: 3/24/2025 16:19:36      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.556365 | .0031539 | .2062387 | .0010541 | -.002898 | 2.872991 |
| Stddev | .024359  | .0007889 | .0002164 | .0029364 | .001267  | .008833  |
| %RSD   | .4383906 | 25.01478 | .1049317 | 278.5782 | 43.72003 | .3074543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.560087 | .0038018 | .2064708 | .0007959 | -.002648 | 2.883144 |
| #2 | 5.530359 | .0022754 | .2060424 | -.001745 | -.001775 | 2.868755 |
| #3 | 5.578648 | .0033846 | .2062029 | .004111  | -.004271 | 2.867073 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0649557 | .0003935 | .0037149 | 30.02465 | .0274229 | .0021416 |
| Stddev | .0000834 | .0000214 | .0000386 | .09220   | .0002200 | .0002238 |
| %RSD   | .1283609 | 5.443363 | 1.038264 | .3070694 | .8023501 | 10.45080 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0649177 | .0003859 | .0036704 | 30.03979 | .0274013 | .0019070 |
| #2 | .0648981 | .0003770 | .0037361 | 29.92583 | .0276529 | .0021650 |
| #3 | .0650513 | .0004177 | .0037382 | 30.10834 | .0272144 | .0023528 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1094468 | 37.62836 | .2232143 | 3.488567 | .0063787 | .0000808 |
| Stddev | .0004784 | .24473   | .0006018 | .019408  | .0001414 | .0001558 |
| %RSD   | .4370636 | .6503950 | .2696213 | .5563443 | 2.216905 | 192.9215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1098684 | 37.44410 | .2230629 | 3.492674 | .0064218 | .0001358 |
| #2 | .1089269 | 37.53494 | .2227027 | 3.505593 | .0062208 | .0002016 |
| #3 | .1095450 | 37.90604 | .2238774 | 3.467434 | .0064936 | -.000095 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.00727 | .0090992 | .4854104 | 3.291980 | .0267916 | .0056701 |
| Stddev | .18631   | .0006056 | .0031549 | .016920  | .0007092 | .0002690 |
| %RSD   | .8097659 | 6.655555 | .6499459 | .5139658 | 2.647015 | 4.744298 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.87485 | .0096875 | .4846799 | 3.281162 | .0275434 | .0054987 |
| #2 | 22.92666 | .0091323 | .4888664 | 3.283301 | .0261345 | .0059801 |
| #3 | 23.22031 | .0084777 | .4826848 | 3.311478 | .0266970 | .0055314 |

Sample Name: Q1576-01DUPDLX10      Acquired: 3/24/2025 16:19:36      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0060476 | .0519645 | 5.399741 | .7974041 | F 14.11026 | .0160171 |
| Stddev | .0003683 | .0016018 | .039836  | .0035603 | .03032     | .0004179 |
| %RSD   | 6.089911 | 3.082513 | .7377451 | .4464902 | .2148459   | 2.609327 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064242 | .0509573 | 5.358728 | .7962467 | 14.10054 | .0162415 |
| #2 | .0060304 | .0511246 | 5.402211 | .7945665 | 14.08600 | .0155349 |
| #3 | .0056882 | .0538116 | 5.438285 | .8013991 | 14.14424 | .0162750 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1055190 |
| Stddev | .0002852 |
| %RSD   | .2702536 |

|    |          |
|----|----------|
| #1 | .1054224 |
| #2 | .1052947 |
| #3 | .1058400 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3270.363 | 76755.44 | 16577.57 | 2193.496 | 4954.177 |
| Stddev    | 7.801    | 96.71    | 18.90    | 14.072   | 2.051    |
| %RSD      | .2385245 | .1259974 | .1140283 | .6415303 | .0413947 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3266.397 | 76858.24 | 16556.28 | 2197.809 | 4955.096 |
| #2 | 3279.349 | 76741.80 | 16584.04 | 2177.773 | 4955.608 |
| #3 | 3265.342 | 76666.26 | 16592.38 | 2204.907 | 4951.828 |

Sample Name: Q1576-01LDLX50      Acquired: 3/24/2025 16:23:47      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.079022 | -.000706 | .0413890 | -.002212 | -.003681 | .5661101 | .0040650 |
| Stddev | .010438  | .001152  | .0004128 | .001972  | .000967  | .0024481 | .0011073 |
| %RSD   | .9673750 | 162.9989 | .9974729 | 89.17984 | 26.26019 | .4324455 | 27.23951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.072173 | .000070  | .0409577 | -.002552 | -.004693 | .5634598 | .0033194 |
| #2 | 1.073858 | -.002030 | .0414287 | -.000091 | -.003582 | .5665837 | .0035383 |
| #3 | 1.091036 | -.000160 | .0417805 | -.003991 | -.002768 | .5682868 | .0053374 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000646 | .0006172 | 6.014554 | .0052095 | .0003173 | .0222816 | 7.289138 |
| Stddev | .0000340 | .0000651 | .014602  | .0003751 | .0000161 | .0003063 | .042179  |
| %RSD   | 52.59998 | 10.54216 | .2427796 | 7.199930 | 5.069872 | 1.374649 | .5786584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001020 | .0006555 | 6.012380 | .0049093 | .0003142 | .0219382 | 7.311252 |
| #2 | .0000357 | .0005421 | 6.001160 | .0050893 | .0003347 | .0225265 | 7.315662 |
| #3 | .0000560 | .0006541 | 6.030121 | .0056300 | .0003029 | .0223801 | 7.240500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0446151 | .7116935 | .0010539 | .0002660 | 4.159060 | .0030127 | .0958989 |
| Stddev | .0004925 | .0094717 | .0002127 | .0001381 | .029379  | .0013947 | .0001928 |
| %RSD   | 1.103883 | 1.330867 | 20.18370 | 51.92795 | .7063767 | 46.29532 | .2010707 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0440487 | .7017170 | .0011688 | .0004228 | 4.172454 | .0044264 | .0957583 |
| #2 | .0448539 | .7128003 | .0008084 | .0002126 | 4.179355 | .0016378 | .0961188 |
| #3 | .0449427 | .7205631 | .0011844 | .0001624 | 4.125371 | .0029737 | .0958198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7744304 | .0022270 | .0009841 | .0007212 | .0101797 | .9865438 | .1504504 |
| Stddev | .0228180 | .0005734 | .0002513 | .0005736 | .0007738 | .0090149 | .0020214 |
| %RSD   | 2.946425 | 25.74661 | 25.53159 | 79.52533 | 7.600954 | .9137829 | 1.343581 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7484181 | .0019343 | .0008683 | .0009204 | .0095299 | .9885617 | .1498870 |
| #2 | .7910671 | .0028877 | .0012724 | .0011687 | .0099735 | .9943787 | .1487705 |
| #3 | .7838060 | .0018591 | .0008117 | .0000746 | .0110357 | .9766909 | .1526938 |

Sample Name: Q1576-01LDLX50      Acquired: 3/24/2025 16:23:47      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.643713 | -.001171 | .0212896 |
| Stddev | .024190  | .000382  | .0000939 |
| %RSD   | .9149843 | 32.62060 | .4411282 |
| #1     | 2.618672 | -.000843 | .0213428 |
| #2     | 2.645517 | -.001079 | .0213449 |
| #3     | 2.666950 | -.001591 | .0211812 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3377.165 | 77739.07 | 15817.59 | 2259.101 | 5299.841 |
| Stddev    | 9.431    | 293.13   | 111.58   | 9.419    | 23.730   |
| %RSD      | .2792689 | .3770661 | .7054112 | .4169504 | .4477451 |
| #1        | 3386.731 | 77702.86 | 15881.83 | 2264.363 | 5325.168 |
| #2        | 3376.889 | 77465.73 | 15882.18 | 2248.227 | 5296.234 |
| #3        | 3367.875 | 78048.62 | 15688.75 | 2264.715 | 5278.122 |

Sample Name: Q1576-01MSDLX10      Acquired: 3/24/2025 16:28:05      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.884882 | .1764771 | .2645882 | .1803825 | .0630145 | 2.842324 |
| Stddev | .077546  | .0030512 | .0044492 | .0042319 | .0002594 | .001975  |
| %RSD   | 1.587460 | 1.728940 | 1.681562 | 2.346057 | .4115905 | .0694827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.934234 | .1780746 | .2658131 | .1832776 | .0629318 | 2.841365 |
| #2 | 4.924911 | .1783978 | .2682966 | .1823440 | .0633051 | 2.841011 |
| #3 | 4.795502 | .1729588 | .2596548 | .1755257 | .0628065 | 2.844595 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0725709 | .0164173 | .0202277 | 27.65106 | .0591131 | .0187675 |
| Stddev | .0004866 | .0000459 | .0004554 | .09090   | .0003021 | .0003239 |
| %RSD   | .6704769 | .2796294 | 2.251451 | .3287310 | .5111085 | 1.726022 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0731123 | .0164697 | .0204595 | 27.73170 | .0587700 | .0188152 |
| #2 | .0721701 | .0163845 | .0205206 | 27.55256 | .0592298 | .0190649 |
| #3 | .0724303 | .0163976 | .0197030 | 27.66892 | .0593395 | .0184223 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1253646 | 33.18970 | .2205055 | 3.360752 | .0486209 | .0018207 |
| Stddev | .0025443 | .12352   | .0005899 | .007025  | .0008601 | .0001598 |
| %RSD   | 2.029541 | .3721544 | .2675158 | .2090285 | 1.769012 | 8.775510 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1271005 | 33.05055 | .2203573 | 3.368830 | .0490981 | .0020040 |
| #2 | .1265494 | 33.28636 | .2200039 | 3.357354 | .0491366 | .0017475 |
| #3 | .1224439 | 33.23218 | .2211554 | 3.356071 | .0476279 | .0017106 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.89517 | .0331069 | .4634341 | 3.800289 | .0455255 | .0425862 |
| Stddev | .08831   | .0006511 | .0008517 | .019920  | .0003981 | .0009809 |
| %RSD   | .4226119 | 1.966646 | .1837879 | .5241637 | .8745477 | 2.303233 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 20.80684 | .0330412 | .4624637 | 3.779776 | .0452506 | .0428158 |
| #2 | 20.98345 | .0324912 | .4637808 | 3.819557 | .0453438 | .0434319 |
| #3 | 20.89523 | .0337884 | .4640578 | 3.801534 | .0459821 | .0415109 |

Sample Name: Q1576-01MSDLX10      Acquired: 3/24/2025 16:28:05      Type: Unk  
Method: NON EPA-6010-200.7(v2837)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
|--------|----------|----------|----------|----------|------------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0552286 | .0572923 | 5.048236 | 1.213811 | F 12.69758 | .0304077 |
| Stddev | .0012464 | .0006062 | .006263  | .016331  | .21854     | .0003105 |
| %RSD   | 2.256714 | 1.058155 | .1240671 | 1.345425 | 1.721123   | 1.021253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0564078 | .0566716 | 5.041264 | 1.221618 | 12.81179 | .0307459 |
| #2 | .0553533 | .0578830 | 5.050055 | 1.224774 | 12.83535 | .0301354 |
| #3 | .0539245 | .0573223 | 5.053388 | 1.195042 | 12.44560 | .0303419 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .1149835 |
| Stddev | .0004889 |
| %RSD   | .4251882 |

|    |          |
|----|----------|
| #1 | .1154753 |
| #2 | .1144976 |
| #3 | .1149777 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3282.403 | 77490.12 | 16415.15 | 2169.878 | 4991.627 |
| Stddev    | 39.245   | 164.83   | 40.19    | 3.593    | 61.772   |
| %RSD      | 1.195615 | .2127150 | .2448119 | .1655920 | 1.237504 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3254.851 | 77615.35 | 16370.58 | 2167.909 | 4947.432 |
| #2 | 3265.020 | 77303.37 | 16448.62 | 2174.026 | 4965.239 |
| #3 | 3327.337 | 77551.62 | 16426.25 | 2167.701 | 5062.209 |



Sample Name: CCV06      Acquired: 3/24/2025 16:39:35      Type: Unk  
Method: NON EPA-6010-200.7(v2838)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.702609 | 4.653634 | 4.512474 | 4.793313 | 4.869092 | 9.268960 |
| Stddev | .014453  | .039385  | .003273  | .021003  | .021244  | .028760  |
| %RSD   | .3073481 | .8463348 | .0725347 | .4381633 | .4362975 | .3102881 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.704150 | 4.687363 | 4.508784 | 4.814471 | 4.893521 | 9.278789 |
| #2 | 4.687447 | 4.610350 | 4.513612 | 4.772470 | 4.854954 | 9.291518 |
| #3 | 4.716230 | 4.663188 | 4.515027 | 4.792999 | 4.858800 | 9.236574 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.196402 | .2529249 | 2.337765 | 26.53252 | .9198341 | 2.260403 |
| Stddev | .015451  | .0014567 | .002738  | .06271   | .0017914 | .001915  |
| %RSD   | .1680075 | .5759425 | .1171206 | .2363525 | .1947552 | .0847031 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.203315 | .2529047 | 2.340923 | 26.49133 | .9206551 | 2.261947 |
| #2 | 9.178701 | .2543917 | 2.336329 | 26.60469 | .9210679 | 2.260999 |
| #3 | 9.207189 | .2514785 | 2.336044 | 26.50153 | .9177793 | 2.258261 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.192069 | 4.581359 | 2.485293 | 25.63129 | 2.260340 | 1.165572 |
| Stddev | .003206  | .022413  | .009537  | .02508   | .002316  | .002318  |
| %RSD   | .2689336 | .4892249 | .3837329 | .0978483 | .1024813 | .1988567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.195355 | 4.579642 | 2.474826 | 25.65952 | 2.263013 | 1.168236 |
| #2 | 1.188950 | 4.559854 | 2.493491 | 25.62275 | 2.259088 | 1.164023 |
| #3 | 1.191902 | 4.604581 | 2.487562 | 25.61159 | 2.258918 | 1.164455 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 23.31444 | 2.264987 | 2.369439 | 23.70776 | F 4.362909 | 4.842664 |
| Stddev | .02351   | .003728  | .006699  | .12869   | .021947    | .015442  |
| %RSD   | .1008274 | .1645969 | .2827370 | .5428011 | .5030275   | .3188755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.32276 | 2.263096 | 2.371729 | 23.73470 | 4.355525 | 4.858701 |
| #2 | 23.28791 | 2.269281 | 2.361895 | 23.56774 | 4.387595 | 4.827896 |
| #3 | 23.33266 | 2.262583 | 2.374693 | 23.82085 | 4.345606 | 4.841395 |

Sample Name: CCV06      Acquired: 3/24/2025 16:39:35      Type: Unk  
Method: NON EPA-6010-200.7(v2838)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.526521 | 4.525665 | 4.745097 | 4.609093 | 4.526531 | 4.588998 |
| Stddev | .009726  | .007744  | .013955  | .015334  | .008408  | .006220  |
| %RSD   | .2148748 | .1711220 | .2940855 | .3326982 | .1857440 | .1355339 |
| #1     | 4.531131 | 4.521033 | 4.744455 | 4.618117 | 4.535053 | 4.583912 |
| #2     | 4.515346 | 4.534606 | 4.731474 | 4.591387 | 4.518243 | 4.595932 |
| #3     | 4.533084 | 4.521356 | 4.759361 | 4.617774 | 4.526296 | 4.587149 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.582073 |
| Stddev | .056952  |
| %RSD   | 1.242928 |
| #1     | 4.646297 |
| #2     | 4.537715 |
| #3     | 4.562208 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3224.361 | 74274.70 | 15654.59 | 2129.493 | 4768.309 |
| Stddev    | 4.498    | 187.09   | 92.26    | 4.107    | .365     |
| %RSD      | .1395151 | .2518871 | .5893551 | .1928644 | .0076601 |
| #1        | 3220.359 | 74061.97 | 15646.77 | 2127.634 | 4768.095 |
| #2        | 3229.230 | 74348.51 | 15566.48 | 2134.201 | 4768.731 |
| #3        | 3223.494 | 74413.63 | 15750.51 | 2126.644 | 4768.102 |

Sample Name: CCB06      Acquired: 3/24/2025 16:43:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001436 | -.000350 | .0012109 | -.002878 | -.002652 | .0052686 | -.008401 |
| Stddev | .000996  | .000932  | .0003239 | .002399  | .000571  | .0047321 | .000643  |
| %RSD   | 69.31971 | 266.2217 | 26.75245 | 83.35888 | 21.51669 | 89.81796 | 7.656522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002513 | .000087  | .0009579 | -.002873 | -.002141 | -.000039 | -.008536 |
| #2 | -.001247 | -.001421 | .0015760 | -.005279 | -.002547 | .006798  | -.008966 |
| #3 | -.000549 | .000284  | .0010988 | -.000481 | -.003267 | .009047  | -.007701 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000013 | .0000036 | .0002922 | -.000067 | .0000405 | -.000236 | .0021739 |
| Stddev | .000036  | .0000128 | .0053003 | .000194  | .0000716 | .000362  | .0042424 |
| %RSD   | 268.0604 | 353.0547 | 1814.274 | 291.4997 | 176.9805 | 153.5468 | 195.1529 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000032 | -.000007 | -.001772 | -.000030 | -.000042 | -.000314 | .0003952 |
| #2 | .000028  | -.000000 | .006314  | -.000277 | .000088  | -.000553 | .0070161 |
| #3 | -.000036 | .000018  | -.003665 | .000107  | .000076  | .000159  | -.000890 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000992 | .0086928 | -.000047 | .0002924 | -.006246 | .0013757 | .0003677 |
| Stddev | .000243  | .0073341 | .000132  | .0001531 | .014488  | .0006339 | .0001894 |
| %RSD   | 24.53696 | 84.37054 | 283.5205 | 52.36446 | 231.9349 | 46.07590 | 51.50807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000711 | .0003561 | -.000184 | .0004610 | .000097  | .0020153 | .0002627 |
| #2 | -.001129 | .0115712 | -.000036 | .0002544 | -.022824 | .0007478 | .0002540 |
| #3 | -.001137 | .0141510 | .000080  | .0001619 | .003987  | .0013640 | .0005862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0449075 | .0054487 | .0000644 | -.000016 | .0004504 | .0098309 | -.001599 |
| Stddev | .0254227 | .0006302 | .0001072 | .000290  | .0005948 | .0039443 | .002427  |
| %RSD   | 56.61126 | 11.56568 | 166.6026 | 1842.681 | 132.0580 | 40.12187 | 151.8323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0166218 | .0061426 | .0000607 | .000278  | .0007351 | .0134538 | -.002449 |
| #2 | .0522492 | .0052911 | .0001734 | -.000302 | .0008493 | .0104097 | .001139  |
| #3 | .0658514 | .0049122 | -.000041 | -.000023 | -.000233 | .0056291 | -.003486 |

Sample Name: CCB06      Acquired: 3/24/2025 16:43:40      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004476 | -.006111 | .0001265 |
| Stddev | .001057  | .001263  | .0000342 |
| %RSD   | 23.62241 | 20.65890 | 27.00390 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004721 | -.004817 | .0001491 |
| #2 | -.003318 | -.007340 | .0001431 |
| #3 | -.005390 | -.006177 | .0000872 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3370.151 | 76236.45 | 15893.64 | 2218.966 | 5371.902 |
| Stddev    | 11.358   | 214.52   | 58.12    | 6.890    | 22.732   |
| %RSD      | .3370143 | .2813873 | .3656692 | .3104960 | .4231681 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3378.239 | 76148.29 | 15924.87 | 2211.846 | 5385.454 |
| #2 | 3375.048 | 76481.01 | 15929.47 | 2225.600 | 5384.594 |
| #3 | 3357.166 | 76080.06 | 15826.59 | 2219.451 | 5345.657 |

Sample Name: Q1576-01MSDDLX10      Acquired: 3/24/2025 16:47:59      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.949842 | .1809314 | .2723566 | .1815048 | .0630672 | 2.887178 |
| Stddev | .011658  | .0012806 | .0020341 | .0029641 | .0022911 | .004095  |
| %RSD   | .2355189 | .7077868 | .7468555 | 1.633082 | 3.632804 | .1418420 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.949024 | .1806031 | .2714069 | .1784282 | .0615139 | 2.885222 |
| #2 | 4.938615 | .1798469 | .2709710 | .1817443 | .0656984 | 2.891885 |
| #3 | 4.961888 | .1823442 | .2746919 | .1843419 | .0619892 | 2.884428 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0755128 | .0176788 | .0208447 | 28.44666 | .0620073 | .0194986 |
| Stddev | .0004624 | .0000994 | .0002064 | .02230   | .0003106 | .0000351 |
| %RSD   | .6123007 | .5621549 | .9899604 | .0783760 | .5009153 | .1799923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0759581 | .0175678 | .0207008 | 28.42136 | .0621897 | .0195389 |
| #2 | .0750351 | .0177595 | .0207523 | 28.46344 | .0621835 | .0194818 |
| #3 | .0755453 | .0177091 | .0210812 | 28.45518 | .0616487 | .0194750 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1274422 | 34.30688 | .2266547 | 3.539732 | .0498109 | .0014056 |
| Stddev | .0002943 | .26545   | .0007458 | .007595  | .0001834 | .0002759 |
| %RSD   | .2309188 | .7737375 | .3290450 | .2145678 | .3681264 | 19.62803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1275642 | 34.61339 | .2274461 | 3.535111 | .0496466 | .0011004 |
| #2 | .1276559 | 34.15238 | .2265531 | 3.548497 | .0500087 | .0014790 |
| #3 | .1271066 | 34.15487 | .2259650 | 3.535587 | .0497775 | .0016373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.19458 | .0340163 | .4800085 | 3.716677 | .0542607 | .0433218 |
| Stddev | .19258   | .0004740 | .0021050 | .030069  | .0008658 | .0001737 |
| %RSD   | .9086281 | 1.393364 | .4385281 | .8090373 | 1.595664 | .4008556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 21.41642 | .0336113 | .4780878 | 3.744470 | .0550492 | .0434722 |
| #2 | 21.07037 | .0345376 | .4822589 | 3.684758 | .0533342 | .0431317 |
| #3 | 21.09694 | .0339000 | .4796789 | 3.720803 | .0543988 | .0433614 |

Sample Name: Q1576-01MSDDLX10      Acquired: 3/24/2025 16:47:59      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0574482 | .0592424 | 5.203775 | 1.240022 | F 12.93411 | .0291767 |
| Stddev | .0011210 | .0010502 | .059025  | .004354  | .06357     | .0010888 |
| %RSD   | 1.951374 | 1.772655 | 1.134273 | .3511431 | .4914548   | 3.731691 |
| #1     | .0563880 | .0588423 | 5.269778 | 1.242413 | 12.90531   | .0300586 |
| #2     | .0573352 | .0584511 | 5.185495 | 1.234996 | 12.89004   | .0295116 |
| #3     | .0586215 | .0604338 | 5.156053 | 1.242656 | 13.00698   | .0279598 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1149151 |
| Stddev | .0001800 |
| %RSD   | .1565973 |
| #1     | .1151098 |
| #2     | .1148808 |
| #3     | .1147548 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3269.805 | 73418.07 | 15586.34 | 2138.023 | 4935.177 |
| Stddev    | 17.354   | 313.19   | 56.61    | 4.566    | 17.255   |
| %RSD      | .5307297 | .4265830 | .3632034 | .2135641 | .3496337 |
| #1        | 3257.899 | 73058.45 | 15651.46 | 2133.392 | 4920.035 |
| #2        | 3261.799 | 73564.82 | 15548.82 | 2142.522 | 4931.532 |
| #3        | 3289.716 | 73630.93 | 15558.75 | 2138.154 | 4953.963 |

Sample Name: Q1576-01ADLX10      Acquired: 3/24/2025 16:52:09      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.925677 | .1775481 | .2706157 | .1817320 | .0636376 | 2.865391 |
| Stddev | .004572  | .0005550 | .0005867 | .0022208 | .0005216 | .010551  |
| %RSD   | .0928100 | .3126116 | .2168166 | 1.222017 | .8196561 | .3682204 |
| #1     | 4.928400 | .1779880 | .2712932 | .1807264 | .0640870 | 2.871488 |
| #2     | 4.928231 | .1777319 | .2702803 | .1801918 | .0637601 | 2.871478 |
| #3     | 4.920399 | .1769245 | .2702736 | .1842777 | .0630656 | 2.853208 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0760171 | .0170814 | .0204329 | 28.39107 | .0613893 | .0192477 |
| Stddev | .0005137 | .0001411 | .0000688 | .02147   | .0001696 | .0001181 |
| %RSD   | .6757235 | .8260649 | .3367756 | .0756345 | .2763115 | .6136852 |
| #1     | .0763324 | .0170712 | .0203689 | 28.37657 | .0614853 | .0191868 |
| #2     | .0762946 | .0172274 | .0205057 | 28.38090 | .0611934 | .0191725 |
| #3     | .0754244 | .0169457 | .0204242 | 28.41574 | .0614891 | .0193838 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1265013 | 34.78587 | .2259494 | 3.481937 | .0492706 | .0017459 |
| Stddev | .0001956 | .11960   | .0005814 | .007035  | .0000542 | .0000854 |
| %RSD   | .1546266 | .3438291 | .2572923 | .2020471 | .1099105 | 4.891665 |
| #1     | .1266851 | 34.92341 | .2266006 | 3.476430 | .0492984 | .0016805 |
| #2     | .1262957 | 34.70623 | .2254827 | 3.479519 | .0492082 | .0017148 |
| #3     | .1265231 | 34.72799 | .2257648 | 3.489863 | .0493052 | .0018425 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.69420 | .0332638 | .4777805 | 3.793941 | .0534574 | .0428948 |
| Stddev | .12289   | .0005275 | .0025402 | .024292  | .0007718 | .0002080 |
| %RSD   | .5664612 | 1.585936 | .5316557 | .6402776 | 1.443785 | .4849894 |
| #1     | 21.82892 | .0334762 | .4753195 | 3.813437 | .0541883 | .0428053 |
| #2     | 21.58825 | .0336521 | .4776290 | 3.801657 | .0526503 | .0427465 |
| #3     | 21.66544 | .0326632 | .4803930 | 3.766728 | .0535337 | .0431326 |

Sample Name: Q1576-01ADLX10      Acquired: 3/24/2025 16:52:09      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0566711 | .0583448 | 5.253927 | 1.198472 | F 12.77234 | .0294283 |
| Stddev | .0003680 | .0005473 | .023335  | .001749  | .02268     | .0002513 |
| %RSD   | .6494473 | .9380476 | .4441482 | .1459764 | .1775484   | .8540072 |
| #1     | .0564557 | .0584122 | 5.269134 | 1.197118 | 12.79851   | .0295755 |
| #2     | .0570961 | .0588553 | 5.265588 | 1.200447 | 12.75853   | .0291381 |
| #3     | .0564616 | .0577669 | 5.227060 | 1.197850 | 12.75997   | .0295713 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1148346 |
| Stddev | .0005401 |
| %RSD   | .4703493 |
| #1     | .1153654 |
| #2     | .1142856 |
| #3     | .1148527 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3257.224 | 73659.91 | 15986.05 | 2133.915 | 4928.082 |
| Stddev    | 8.459    | 103.37   | 32.46    | 7.084    | 9.511    |
| %RSD      | .2597102 | .1403366 | .2030708 | .3319594 | .1930020 |
| #1        | 3260.279 | 73733.88 | 16013.93 | 2140.460 | 4928.374 |
| #2        | 3263.732 | 73541.79 | 15950.41 | 2134.891 | 4937.444 |
| #3        | 3247.662 | 73704.05 | 15993.81 | 2126.394 | 4918.428 |



Sample Name: Q1611-01      Acquired: 3/24/2025 16:56:20      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0423649 | -.010391 | .1521936 | .0055723 | -.012083 | 152.7106 | .3875178 |
| Stddev | .0040434 | .003132  | .0015544 | .0005748 | .001402  | .2687    | .0012980 |
| %RSD   | 9.544355 | 30.14439 | 1.021315 | 10.31453 | 11.60256 | .1759698 | .3349511 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0451838 | -.012204 | .1503988 | .0062324 | -.012500 | 152.7243 | .3889718 |
| #2 | .0441787 | -.012195 | .1530964 | .0051827 | -.013228 | 152.4352 | .3871059 |
| #3 | .0377321 | -.006774 | .1530856 | .0053018 | -.010519 | 152.9721 | .3864757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066947 | -.005251 | 92.59871 | .2041146 | .1918525 | .7391917 | 278.0466 |
| Stddev | .0001059 | .000294  | .28620   | .0004877 | .0004361 | .0007358 | 1.3985   |
| %RSD   | 1.581894 | 5.594177 | .3090735 | .2389392 | .2273259 | .0995384 | .5029847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0068164 | -.005217 | 92.70744 | .2045282 | .1921878 | .7385230 | 278.5233 |
| #2 | .0066235 | -.005560 | 92.27408 | .2035768 | .1920102 | .7399799 | 279.1444 |
| #3 | .0066442 | -.004975 | 92.81461 | .2042386 | .1913594 | .7390722 | 276.4720 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.450232 | 75.98760 | .2855808 | -.002709 | 23.64957 | .5389254 | .5232103 |
| Stddev | .009302  | .39891   | .0008511 | .000052  | .24475   | .0004777 | .0020921 |
| %RSD   | .2696002 | .5249677 | .2980185 | 1.919589 | 1.034892 | .0886423 | .3998584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.456296 | 76.05303 | .2847190 | -.002735 | 23.66640 | .5393971 | .5248964 |
| #2 | 3.439523 | 75.56002 | .2864207 | -.002649 | 23.88547 | .5384419 | .5208690 |
| #3 | 3.454878 | 76.34975 | .2856027 | -.002743 | 23.39684 | .5389371 | .5238654 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.003741 | .4957031 | .0018913 | -.005799 | 7.124793 | 3.437349 | 4.698899 |
| Stddev | .029007  | .0056697 | .0003103 | .000858  | .012332  | .022937  | .012618  |
| %RSD   | .5797149 | 1.143763 | 16.40775 | 14.80130 | .1730906 | .6672860 | .2685342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.997544 | .4974101 | .0022481 | -.005441 | 7.135816 | 3.440294 | 4.702721 |
| #2 | 5.035346 | .5003232 | .0016840 | -.005178 | 7.111474 | 3.458672 | 4.709164 |
| #3 | 4.978333 | .4893761 | .0017418 | -.006779 | 7.127090 | 3.413083 | 4.684812 |

Sample Name: Q1611-01      Acquired: 3/24/2025 16:56:20      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.735523 | .2165844 | .2543334 |
| Stddev | .010736  | .0006718 | .0011965 |
| %RSD   | .3924773 | .3101808 | .4704450 |
| #1     | 2.746501 | .2159008 | .2549908 |
| #2     | 2.735023 | .2172438 | .2529523 |
| #3     | 2.725046 | .2166086 | .2550570 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3481.561 | 79598.12 | 17597.94 | 2306.206 | 4364.712 |
| Stddev    | 1.687    | 70.91    | 133.82   | 5.256    | 11.059   |
| %RSD      | .0484466 | .0890837 | .7604184 | .2279230 | .2533697 |
| #1        | 3479.741 | 79614.62 | 17587.47 | 2310.958 | 4355.310 |
| #2        | 3481.869 | 79520.41 | 17736.69 | 2300.560 | 4361.929 |
| #3        | 3483.072 | 79659.32 | 17469.67 | 2307.101 | 4376.896 |

Sample Name: Q1614-01      Acquired: 3/24/2025 17:00:24      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0743614 | -.002075 | .1517411 | -.000874 | -.009779 | 100.1615 | .2546192 |
| Stddev | .0034881 | .001300  | .0026975 | .001595  | .002920  | .0907    | .0014474 |
| %RSD   | 4.690703 | 62.65551 | 1.777673 | 182.4219 | 29.85863 | .0905061 | .5684696 |
| #1     | .0712988 | -.000574 | .1486367 | -.000291 | -.013084 | 100.2662 | .2552028 |
| #2     | .0736272 | -.002843 | .1530732 | -.002679 | -.008706 | 100.1093 | .2529711 |
| #3     | .0781581 | -.002809 | .1535133 | .000347  | -.007547 | 100.1091 | .2556837 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068919 | -.003513 | 253.3376 | .2140793 | .3286853 | .2119781 | 190.5650 |
| Stddev | .0000781 | .000346  | .1815    | .0006834 | .0008859 | .0001733 | .9009    |
| %RSD   | 1.132969 | 9.839243 | .0716412 | .3192358 | .2695356 | .0817459 | .4727381 |
| #1     | .0068752 | -.003740 | 253.4774 | .2134254 | .3277904 | .2121575 | 191.2129 |
| #2     | .0069769 | -.003115 | 253.4030 | .2140236 | .3295619 | .2119652 | 189.5363 |
| #3     | .0068235 | -.003684 | 253.1325 | .2147888 | .3287037 | .2118117 | 190.9459 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.040991 | 130.9459 | .2388438 | -.003786 | 3.359337 | .3367903 | .3735482 |
| Stddev | .015658  | .0569    | .0004393 | .000200  | .029999  | .0015065 | .0012517 |
| %RSD   | .5148849 | .0434889 | .1839303 | 5.278612 | .8930056 | .4473154 | .3350818 |
| #1     | 3.046511 | 130.8862 | .2383442 | -.003699 | 3.389810 | .3370955 | .3729758 |
| #2     | 3.023321 | 130.9996 | .2390176 | -.004014 | 3.329835 | .3351546 | .3749838 |
| #3     | 3.053140 | 130.9521 | .2391697 | -.003644 | 3.358365 | .3381209 | .3726851 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.98164 | -.015612 | .0094381 | -.002927 | 2.727717 | 3.208476 | 5.695345 |
| Stddev | .08109   | .004599  | .0003954 | .000553  | .009488  | .022645  | .015834  |
| %RSD   | .4775034 | 29.45555 | 4.189608 | 18.88781 | .3478227 | .7057754 | .2780246 |
| #1     | 17.05892 | -.011619 | .0089992 | -.003534 | 2.733941 | 3.202323 | 5.677344 |
| #2     | 16.89722 | -.020640 | .0097664 | -.002794 | 2.716797 | 3.189545 | 5.701570 |
| #3     | 16.98877 | -.014577 | .0095488 | -.002453 | 2.732414 | 3.233562 | 5.707121 |

Sample Name: Q1614-01      Acquired: 3/24/2025 17:00:24      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.782890 | .2610093 | .1748412 |
| Stddev | .017076  | .0016904 | .0004528 |
| %RSD   | .2194034 | .6476499 | .2589729 |
| #1     | 7.763183 | .2620613 | .1752097 |
| #2     | 7.792175 | .2590594 | .1743358 |
| #3     | 7.793312 | .2619071 | .1749783 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3328.054 | 78802.17 | 17020.07 | 2231.643 | 4215.812 |
| Stddev    | 2.833    | 155.98   | 65.38    | 14.049   | 3.724    |
| %RSD      | .0851201 | .1979353 | .3841460 | .6295531 | .0883312 |
| #1        | 3327.867 | 78982.05 | 17093.49 | 2243.178 | 4218.707 |
| #2        | 3330.976 | 78720.10 | 16968.14 | 2215.996 | 4217.119 |
| #3        | 3325.320 | 78704.36 | 16998.58 | 2235.755 | 4211.611 |

Sample Name: Q1614-01DUP      Acquired: 3/24/2025 17:04:38      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0775781 | -.001612 | .1516926 | .0015565 | -.011483 | 99.10446 | .2538026 |
| Stddev | .0024559 | .002145  | .0003884 | .0077640 | .002178  | .12161   | .0012007 |
| %RSD   | 3.165674 | 133.0809 | .2560606 | 498.8251 | 18.96973 | .1227063 | .4730872 |
| #1     | .0778362 | -.004078 | .1521122 | .0104383 | -.011161 | 99.18525 | .2532400 |
| #2     | .0798948 | -.000186 | .1513456 | -.003940 | -.013804 | 98.96460 | .2551813 |
| #3     | .0750034 | -.000571 | .1516199 | -.001829 | -.009484 | 99.16354 | .2529865 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067622 | -.005019 | 247.4323 | .2175445 | .3277298 | .2096041 | 198.0621 |
| Stddev | .0001234 | .000386  | 1.8003   | .0006687 | .0013325 | .0011687 | .4048    |
| %RSD   | 1.825099 | 7.698071 | .7275998 | .3073759 | .4065811 | .5575744 | .2043733 |
| #1     | .0068966 | -.005304 | 249.4536 | .2182145 | .3275969 | .2097414 | 198.2429 |
| #2     | .0066541 | -.005173 | 246.0010 | .2168771 | .3264687 | .2083728 | 198.3449 |
| #3     | .0067358 | -.004579 | 246.8423 | .2175419 | .3291237 | .2106980 | 197.5984 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.976532 | 128.9463 | .2389404 | -.003196 | 3.525576 | .3329394 | .3799542 |
| Stddev | .003638  | .2528    | .0009443 | .000305  | .013680  | .0023629 | .0006107 |
| %RSD   | .1222243 | .1960589 | .3951953 | 9.550264 | .3880203 | .7097252 | .1607216 |
| #1     | 2.972389 | 129.1544 | .2390749 | -.003544 | 3.512638 | .3346990 | .3805529 |
| #2     | 2.979206 | 128.6649 | .2379360 | -.002973 | 3.539893 | .3302537 | .3799777 |
| #3     | 2.978001 | 129.0194 | .2398102 | -.003071 | 3.524198 | .3338655 | .3793322 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.93582 | .0281475 | .0094242 | -.001999 | 2.705830 | 3.487392 | 5.703082 |
| Stddev | .03802   | .0024571 | .0005783 | .001147  | .002623  | .005444  | .024140  |
| %RSD   | .2119684 | 8.729419 | 6.136784 | 57.38901 | .0969235 | .1561017 | .4232842 |
| #1     | 17.92052 | .0274266 | .0099993 | -.001938 | 2.703201 | 3.482079 | 5.724934 |
| #2     | 17.97911 | .0308844 | .0088427 | -.003175 | 2.708446 | 3.487140 | 5.677169 |
| #3     | 17.90784 | .0261314 | .0094307 | -.000883 | 2.705843 | 3.492958 | 5.707143 |

Sample Name: Q1614-01DUP      Acquired: 3/24/2025 17:04:38      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.789676 | .2597991 | .1669278 |
| Stddev | .033687  | .0018049 | .0009688 |
| %RSD   | .4324553 | .6947142 | .5803662 |
| #1     | 7.810197 | .2580874 | .1658253 |
| #2     | 7.750798 | .2616846 | .1673148 |
| #3     | 7.808033 | .2596254 | .1676432 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3312.816 | 76386.56 | 17579.95 | 2189.134 | 4208.190 |
| Stddev    | 10.272   | 190.55   | 40.84    | 8.638    | 12.672   |
| %RSD      | .3100644 | .2494575 | .2323165 | .3945646 | .3011223 |
| #1        | 3318.386 | 76182.73 | 17552.23 | 2179.984 | 4208.706 |
| #2        | 3319.100 | 76560.25 | 17626.85 | 2190.270 | 4220.596 |
| #3        | 3300.962 | 76416.69 | 17560.77 | 2197.147 | 4195.268 |

Sample Name: Q1614-01LX5      Acquired: 3/24/2025 17:08:50      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143361 | -.001627 | .0321249 | -.001721 | -.005481 | 21.92008 | .0499186 |
| Stddev | .0015983 | .001055  | .0003685 | .001193  | .002389  | .02439   | .0004738 |
| %RSD   | 11.14906 | 64.83200 | 1.147145 | 69.33837 | 43.58482 | .1112781 | .9491432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0134889 | -.000411 | .0325475 | -.000559 | -.003044 | 21.89443 | .0503559 |
| #2 | .0161797 | -.002172 | .0319572 | -.002943 | -.005579 | 21.94299 | .0494152 |
| #3 | .0133398 | -.002298 | .0318701 | -.001660 | -.007819 | 21.92283 | .0499847 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015837 | -.002154 | 56.61598 | .0495504 | .0668606 | .0493992 | 42.98317 |
| Stddev | .0000544 | .000073  | .10468   | .0002069 | .0001559 | .0002512 | .10487   |
| %RSD   | 3.436526 | 3.410140 | .1848962 | .4174653 | .2332089 | .5085494 | .2439815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016132 | -.002069 | 56.60053 | .0496579 | .0668768 | .0496490 | 42.86246 |
| #2 | .0016170 | -.002195 | 56.51989 | .0493119 | .0666972 | .0494021 | 43.05186 |
| #3 | .0015209 | -.002197 | 56.72753 | .0496813 | .0670078 | .0491466 | 43.03519 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6920161 | 28.96129 | .0495652 | -.000848 | .6703339 | .0761353 | .0834721 |
| Stddev | .0016985 | .06240   | .0004427 | .000134  | .0068537 | .0005565 | .0008781 |
| %RSD   | .2454418 | .2154498 | .8931486 | 15.85876 | 1.022426 | .7309286 | 1.052013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6904951 | 28.90749 | .0497998 | -.000737 | .6738285 | .0759581 | .0824772 |
| #2 | .6938489 | 28.94669 | .0498413 | -.000998 | .6747359 | .0767589 | .0841389 |
| #3 | .6917044 | 29.02969 | .0490546 | -.000809 | .6624374 | .0756891 | .0838003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.574451 | -.000513 | .0019754 | -.002647 | .6375535 | 1.081213 | 1.144167 |
| Stddev | .022668  | .001211  | .0005735 | .000587  | .0019788 | .010538  | .010739  |
| %RSD   | .6341582 | 235.8353 | 29.03205 | 22.18192 | .3103704 | .9746663 | .9385923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.590132 | .000416  | .0014480 | -.003192 | .6367375 | 1.092554 | 1.156148 |
| #2 | 3.584761 | -.000074 | .0018923 | -.002723 | .6361133 | 1.071723 | 1.140943 |
| #3 | 3.548461 | -.001882 | .0025860 | -.002025 | .6398098 | 1.079361 | 1.135409 |

Sample Name: Q1614-01LX5      Acquired: 3/24/2025 17:08:50      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.495772 | .0494617 | .0374247 |
| Stddev | .005317  | .0008297 | .0001149 |
| %RSD   | .3554414 | 1.677486 | .3070031 |
| #1     | 1.498739 | .0500107 | .0375554 |
| #2     | 1.498944 | .0498673 | .0373395 |
| #3     | 1.489635 | .0485073 | .0373793 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3257.508 | 75498.91 | 16327.14 | 2152.981 | 4753.519 |
| Stddev    | 6.763    | 134.06   | 56.08    | 5.825    | 2.454    |
| %RSD      | .2076224 | .1775702 | .3434965 | .2705651 | .0516176 |
| #1        | 3264.100 | 75653.36 | 16357.54 | 2158.057 | 4756.143 |
| #2        | 3257.840 | 75412.66 | 16361.46 | 2146.621 | 4753.134 |
| #3        | 3250.585 | 75430.70 | 16262.42 | 2154.264 | 4751.281 |



Sample Name: Q1614-01MS      Acquired: 3/24/2025 17:13:04      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7502214 | 1.687173 | 1.020273 | 1.585799 | .3208989 | 120.8153 |
| Stddev | .0012824 | .006977  | .001111  | .001746  | .0034385 | .1222    |
| %RSD   | .1709327 | .4135427 | .1088761 | .1101040 | 1.071522 | .1011081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7501285 | 1.694716 | 1.020005 | 1.586838 | .3220707 | 120.9403 |
| #2 | .7515477 | 1.680950 | 1.021493 | 1.583783 | .3235983 | 120.8093 |
| #3 | .7489880 | 1.685854 | 1.019321 | 1.586776 | .3170276 | 120.6962 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4551850 | .1556856 | .1683332 | 177.2583 | .5514297 | .3395310 |
| Stddev | .0009476 | .0003271 | .0003746 | .2035    | .0031377 | .0008414 |
| %RSD   | .2081697 | .2101058 | .2225363 | .1147943 | .5690063 | .2478136 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4555877 | .1557403 | .1680150 | 177.4911 | .5539722 | .3387106 |
| #2 | .4558647 | .1553346 | .1687461 | 177.1142 | .5479231 | .3394904 |
| #3 | .4541026 | .1559820 | .1682386 | 177.1698 | .5523938 | .3403920 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5157184 | 207.5662 | 3.163419 | 99.56821 | .6773738 | .0609912 |
| Stddev | .0003768 | .6763    | .010207  | .27357   | .0014955 | .0004541 |
| %RSD   | .0730626 | .3258410 | .3226661 | .2747530 | .2207755 | .7444740 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5156733 | 208.3333 | 3.174930 | 99.80776 | .6757201 | .0604670 |
| #2 | .5153662 | 207.0559 | 3.155470 | 99.27011 | .6777699 | .0612586 |
| #3 | .5161157 | 207.3094 | 3.159857 | 99.62677 | .6786313 | .0612482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.679151 | .6122695 | .6417930 | 28.81086 | .1319671 | .3514385 |
| Stddev | .047866  | .0023225 | .0036593 | .07941   | .0042019 | .0003044 |
| %RSD   | .7166449 | .3793244 | .5701632 | .2756213 | 3.184073 | .0866000 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.726960 | .6149262 | .6449940 | 28.87114 | .1351661 | .3517324 |
| #2 | 6.679263 | .6112578 | .6378039 | 28.84055 | .1335270 | .3511246 |
| #3 | 6.631229 | .6106244 | .6425811 | 28.72088 | .1272083 | .3514584 |

Sample Name: Q1614-01MS      Acquired: 3/24/2025 17:13:04      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6408368 | 3.159972 | 4.928195 | F 11.03538 | 7.037221 | .4827623 |
| Stddev | .0027717 | .005497  | .023134  | .04088     | .005966  | .0011046 |
| %RSD   | .4325211 | .1739462 | .4694220 | .3704612   | .0847722 | .2288078 |
| #1     | .6384214 | 3.166257 | 4.924177 | 11.03268   | 7.030476 | .4830903 |
| #2     | .6402259 | 3.156068 | 4.953075 | 10.99592   | 7.041804 | .4815309 |
| #3     | .6438630 | 3.157589 | 4.907333 | 11.07755   | 7.039384 | .4836658 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3487783 |
| Stddev | .0008411 |
| %RSD   | .2411471 |
| #1     | .3492338 |
| #2     | .3492933 |
| #3     | .3478077 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3309.696 | 76685.06 | 17135.97 | 2162.755 | 4272.064 |
| Stddev    | 2.570    | 263.02   | 71.76    | 12.510   | 3.268    |
| %RSD      | .0776618 | .3429862 | .4187727 | .5784500 | .0764919 |
| #1        | 3306.776 | 76441.40 | 17096.22 | 2148.809 | 4272.605 |
| #2        | 3311.617 | 76963.89 | 17218.81 | 2172.989 | 4275.028 |
| #3        | 3310.696 | 76649.88 | 17092.87 | 2166.467 | 4268.560 |

Sample Name: Q1614-01MSD      Acquired: 3/24/2025 17:17:02      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7371194 | 1.683335 | 1.018837 | 1.574070 | .3140002 | 121.4020 |
| Stddev | .0024500 | .006542  | .001370  | .003646  | .0017299 | .6612    |
| %RSD   | .3323781 | .3886543 | .1344853 | .2316556 | .5509221 | .5446652 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7346684 | 1.675790 | 1.017258 | 1.574874 | .3157542 | 122.1655 |
| #2 | .7371216 | 1.687443 | 1.019722 | 1.570089 | .3139512 | 121.0185 |
| #3 | .7395684 | 1.686772 | 1.019530 | 1.577248 | .3122954 | 121.0219 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4629969 | .1588963 | .1678724 | 178.6910 | .5437772 | .3397200 |
| Stddev | .0004943 | .0015323 | .0001868 | .7047    | .0026108 | .0005418 |
| %RSD   | .1067567 | .9643266 | .1112458 | .3943851 | .4801185 | .1594943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4633303 | .1603051 | .1680831 | 179.4660 | .5427659 | .3399069 |
| #2 | .4632314 | .1572649 | .1678072 | 178.0887 | .5418233 | .3401437 |
| #3 | .4624290 | .1591188 | .1677271 | 178.5182 | .5467423 | .3391095 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5154896 | 205.3397 | 3.233972 | 100.4853 | .6785377 | .0602841 |
| Stddev | .0006967 | 1.0664   | .010033  | .5932    | .0010405 | .0003355 |
| %RSD   | .1351506 | .5193171 | .3102234 | .5903514 | .1533503 | .5564680 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5146964 | 204.1245 | 3.241044 | 101.1589 | .6774988 | .0599762 |
| #2 | .5160025 | 205.7748 | 3.222489 | 100.0409 | .6785344 | .0602343 |
| #3 | .5157698 | 206.1196 | 3.238382 | 100.2560 | .6795799 | .0606416 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.627960 | .6175419 | .6347821 | 28.26932 | .1212125 | .3473431 |
| Stddev | .069055  | .0017012 | .0026886 | .18712   | .0077335 | .0005943 |
| %RSD   | 1.041873 | .2754842 | .4235552 | .6619027 | 6.380126 | .1710956 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.548520 | .6189539 | .6335973 | 28.05459 | .1124390 | .3468936 |
| #2 | 6.673639 | .6156531 | .6328893 | 28.35596 | .1270401 | .3480169 |
| #3 | 6.661721 | .6180187 | .6378596 | 28.39741 | .1241585 | .3471189 |

Sample Name: Q1614-01MSD      Acquired: 3/24/2025 17:17:02      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6381960 | 3.231390 | 5.280027 | F 11.21575 | 7.123689 | .4898826 |
| Stddev | .0010533 | .009826  | .016279  | .02236     | .021150  | .0011234 |
| %RSD   | .1650363 | .3040644 | .3083044 | .1993962   | .2968950 | .2293099 |
| #1     | .6372094 | 3.241935 | 5.261293 | 11.19108   | 7.099273 | .4885983 |
| #2     | .6380735 | 3.222493 | 5.288060 | 11.22150   | 7.135440 | .4903673 |
| #3     | .6393052 | 3.229743 | 5.290727 | 11.23468   | 7.136354 | .4906823 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3592657 |
| Stddev | .0017830 |
| %RSD   | .4962968 |
| #1     | .3613242 |
| #2     | .3582034 |
| #3     | .3582694 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3347.618 | 77978.32 | 16838.05 | 2233.352 | 4296.691 |
| Stddev    | 5.864    | 280.10   | 103.76   | 9.705    | 2.284    |
| %RSD      | .1751775 | .3592035 | .6162044 | .4345540 | .0531655 |
| #1        | 3349.888 | 78270.92 | 16730.04 | 2244.352 | 4298.545 |
| #2        | 3340.959 | 77951.37 | 16936.95 | 2229.709 | 4294.139 |
| #3        | 3352.009 | 77712.67 | 16847.16 | 2225.996 | 4297.389 |

Sample Name: Q1614-01A      Acquired: 3/24/2025 17:21:01      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7374515 | 1.698797 | 1.020697 | 1.569565 | .3087494 | 122.4377 |
| Stddev | .0021937 | .009835  | .008119  | .007765  | .0023631 | .3199    |
| %RSD   | .2974727 | .5789462 | .7954791 | .4947530 | .7653726 | .2612379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7372969 | 1.703133 | 1.022397 | 1.571263 | .3077711 | 122.3867 |
| #2 | .7353391 | 1.705718 | 1.027832 | 1.561091 | .3070326 | 122.1464 |
| #3 | .7397184 | 1.687539 | 1.011863 | 1.576341 | .3114446 | 122.7800 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4647054 | .1618344 | .1682895 | 178.6490 | .5457590 | .3407190 |
| Stddev | .0005685 | .0003537 | .0005693 | .3108    | .0001399 | .0011796 |
| %RSD   | .1223388 | .2185694 | .3382823 | .1739622 | .0256359 | .3461979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4649039 | .1621912 | .1682921 | 178.6418 | .5458871 | .3401690 |
| #2 | .4640642 | .1614839 | .1688576 | 178.3419 | .5457803 | .3420731 |
| #3 | .4651480 | .1618281 | .1677190 | 178.9634 | .5456097 | .3399149 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5158759 | 203.8667 | 3.246301 | 100.9553 | .6808992 | .0592717 |
| Stddev | .0012605 | .8432    | .000957  | .3576    | .0021759 | .0004677 |
| %RSD   | .2443406 | .4136120 | .0294742 | .3541906 | .3195667 | .7890828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5146197 | 203.2085 | 3.247355 | 100.8603 | .6800803 | .0588791 |
| #2 | .5171407 | 204.8172 | 3.246059 | 100.6549 | .6833657 | .0597891 |
| #3 | .5158673 | 203.5744 | 3.245488 | 101.3508 | .6792514 | .0591469 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.584048 | .6181042 | .6360591 | 28.11167 | .1185589 | .3476431 |
| Stddev | .035991  | .0018029 | .0025363 | .10262   | .0032354 | .0005854 |
| %RSD   | .5466406 | .2916859 | .3987461 | .3650564 | 2.728941 | .1684041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.560585 | .6180265 | .6353845 | 28.02693 | .1151209 | .3472492 |
| #2 | 6.625486 | .6163414 | .6388645 | 28.22578 | .1215440 | .3483158 |
| #3 | 6.566073 | .6199447 | .6339284 | 28.08231 | .1190116 | .3473642 |

Sample Name: Q1614-01A      Acquired: 3/24/2025 17:21:01      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6379198 | 3.277428 | 6.008278 | F 11.29724 | 7.159956 | .4937343 |
| Stddev | .0022772 | .008310  | .031552  | .04198     | .019289  | .0014264 |
| %RSD   | .3569696 | .2535607 | .5251455 | .3715902   | .2693970 | .2888964 |
| #1     | .6363355 | 3.281186 | 5.971975 | 11.30912   | 7.180836 | .4951340 |
| #2     | .6405294 | 3.267902 | 6.029093 | 11.33201   | 7.156228 | .4937863 |
| #3     | .6368945 | 3.283195 | 6.023767 | 11.25060   | 7.142803 | .4922826 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3622541 |
| Stddev | .0011819 |
| %RSD   | .3262689 |
| #1     | .3632876 |
| #2     | .3609654 |
| #3     | .3625091 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3353.867 | 78180.31 | 16629.55 | 2251.169 | 4295.329 |
| Stddev    | 5.759    | 61.24    | 59.04    | 7.585    | 11.433   |
| %RSD      | .1717029 | .0783355 | .3550181 | .3369404 | .2661684 |
| #1        | 3359.057 | 78193.13 | 16587.28 | 2243.479 | 4295.667 |
| #2        | 3347.672 | 78113.67 | 16697.00 | 2251.381 | 4283.731 |
| #3        | 3354.871 | 78234.13 | 16604.36 | 2258.645 | 4306.589 |

Sample Name: Q1619-10      Acquired: 3/24/2025 17:25:00      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001526 | -.007306 | .0007534 | .0020986 | -.007282 | -.043713 | .1628418 |
| Stddev | .003385  | .003887  | .0018690 | .0016731 | .001992  | .010572  | .0015967 |
| %RSD   | 221.7758 | 53.19848 | 248.0687 | 79.72390 | 27.34735 | 24.18467 | .9805106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002189 | -.008296 | -.001153 | .0025234 | -.009145 | -.031527 | .1612116 |
| #2 | -.004532 | -.010602 | .000831  | .0002541 | -.005183 | -.050427 | .1629112 |
| #3 | .002141  | -.003020 | .002582  | .0035183 | -.007518 | -.049186 | .1644027 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000140 | -.000060 | 162.4644 | 1.004397 | .0016774 | .0024135 | .0512904 |
| Stddev | .000033  | .000021  | 1.2231   | .003214  | .0001723 | .0001075 | .0033433 |
| %RSD   | 23.51233 | 34.81236 | .7528612 | .3200340 | 10.27261 | 4.455208 | 6.518339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000161 | -.000042 | 161.0996 | 1.006582 | .0017016 | .0023483 | .0544624 |
| #2 | -.000102 | -.000055 | 162.8318 | 1.000706 | .0014942 | .0025376 | .0516100 |
| #3 | -.000157 | -.000082 | 163.4616 | 1.005903 | .0018363 | .0023545 | .0477988 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3544166 | 14.39398 | .0271700 | -.000014 | 366.7288 | .0044759 | .0270468 |
| Stddev | .0029192 | .15173   | .0001397 | .000228  | 3.2086   | .0010902 | .0005661 |
| %RSD   | .8236602 | 1.054144 | .5141321 | 1616.320 | .8749175 | 24.35604 | 2.093182 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3511348 | 14.22015 | .0271578 | .000172  | 367.9046 | .0057266 | .0275419 |
| #2 | .3553913 | 14.49990 | .0270369 | -.000269 | 363.0982 | .0039740 | .0264296 |
| #3 | .3567238 | 14.46188 | .0273155 | .000054  | 369.1836 | .0037272 | .0271689 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8959977 | .0205701 | .0008278 | -.007296 | -.002594 | 2.037526 | .0092720 |
| Stddev | .0232123 | .0005984 | .0002125 | .000835  | .000159  | .000918  | .0003239 |
| %RSD   | 2.590670 | 2.909227 | 25.66710 | 11.44400 | 6.142392 | .0450447 | 3.493578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9148976 | .0200384 | .0009158 | -.008050 | -.002582 | 2.036974 | .0090865 |
| #2 | .9030070 | .0212182 | .0009820 | -.007438 | -.002441 | 2.037018 | .0096460 |
| #3 | .8700885 | .0204539 | .0005854 | -.006399 | -.002759 | 2.038585 | .0090834 |

Sample Name: Q1619-10      Acquired: 3/24/2025 17:25:00      Type: Unk  
Method: NON EPA-6010-200.7(v2835)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.447146 | -.035138 | .1789813 |
| Stddev | .005955  | .001015  | .0013852 |
| %RSD   | .2433384 | 2.889365 | .7739248 |
| #1     | 2.452053 | -.035219 | .1774050 |
| #2     | 2.440521 | -.034085 | .1795342 |
| #3     | 2.448865 | -.036111 | .1800046 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2933.342 | 68111.79 | 15455.61 | 1944.544 | 4228.525 |
| Stddev    | 4.531    | 76.49    | 123.93   | 10.918   | 9.166    |
| %RSD      | .1544799 | .1122972 | .8018378 | .5614510 | .2167664 |
| #1        | 2931.619 | 68059.77 | 15590.57 | 1954.014 | 4218.890 |
| #2        | 2938.481 | 68199.61 | 15429.33 | 1932.602 | 4237.137 |
| #3        | 2929.924 | 68075.98 | 15346.93 | 1947.017 | 4229.547 |



Sample Name: CCV07      Acquired: 3/24/2025 17:29:16      Type: Unk  
Method: NON EPA-6010-200.7(v2839)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.739513 | 4.711792 | 4.554616 | 4.831899 | 4.885430 | 9.244536 |
| Stddev | .020028  | .052801  | .006394  | .020260  | .015953  | .008208  |
| %RSD   | .4225819 | 1.120621 | .1403773 | .4192971 | .3265356 | .0887899 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.744183 | 4.705661 | 4.547489 | 4.831778 | 4.886737 | 9.251335 |
| #2 | 4.717561 | 4.662324 | 4.559846 | 4.811700 | 4.868864 | 9.246854 |
| #3 | 4.756793 | 4.767391 | 4.556514 | 4.852219 | 4.900689 | 9.235418 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.007268 | .2528180 | 2.262792 | 26.62292 | .9376047 | 2.278955 |
| Stddev | .005455  | .0004494 | .002883  | .01553   | .0020228 | .003315  |
| %RSD   | .0605624 | .1777409 | .1274233 | .0583408 | .2157448 | .1454833 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.006698 | .2523248 | 2.261055 | 26.64061 | .9361468 | 2.276026 |
| #2 | 9.002120 | .2532042 | 2.261200 | 26.61663 | .9399141 | 2.278286 |
| #3 | 9.012985 | .2529251 | 2.266120 | 26.61152 | .9367532 | 2.282554 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.194749 | 4.633963 | 2.521299 | 25.80843 | 2.280574 | 1.178711 |
| Stddev | .003758  | .007767  | .003657  | .03371   | .002238  | .000804  |
| %RSD   | .3145446 | .1676152 | .1450275 | .1306312 | .0981362 | .0682041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.196434 | 4.631669 | 2.525477 | 25.83198 | 2.278190 | 1.178998 |
| #2 | 1.190443 | 4.627601 | 2.518684 | 25.82350 | 2.280904 | 1.179332 |
| #3 | 1.197368 | 4.642619 | 2.519735 | 25.76981 | 2.282630 | 1.177803 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 23.40723 | 2.264388 | 2.399962 | 23.96817 | F 4.308711 | 4.865048 |
| Stddev | .11685   | .004966  | .005542  | .09505   | .008434    | .017653  |
| %RSD   | .4992147 | .2192985 | .2309161 | .3965831 | .1957432   | .3628569 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.52661 | 2.269444 | 2.395201 | 24.07251 | 4.302932 | 4.871571 |
| #2 | 23.29308 | 2.264202 | 2.398641 | 23.88650 | 4.304813 | 4.845062 |
| #3 | 23.40199 | 2.259518 | 2.406045 | 23.94551 | 4.318389 | 4.878512 |

Sample Name: CCV07      Acquired: 3/24/2025 17:29:16      Type: Unk  
Method: NON EPA-6010-200.7(v2839)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.575211 | F 4.487521 | 4.895818 | 4.617200 | 4.554877 | F 4.493637 |
| Stddev | .009278  | .006178    | .014183  | .019995  | .013565  | .011847    |
| %RSD   | .2027899 | .1376786   | .2896867 | .4330560 | .2978133 | .2636429   |
| #1     | 4.575349 | 4.492719   | 4.894420 | 4.604969 | 4.542593 | 4.505991   |
| #2     | 4.565864 | 4.480691   | 4.882387 | 4.606356 | 4.552603 | 4.482371   |
| #3     | 4.584419 | 4.489154   | 4.910648 | 4.640275 | 4.569435 | 4.492548   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.509526 |
| Stddev | .032054  |
| %RSD   | .7108095 |
| #1     | 4.495105 |
| #2     | 4.487216 |
| #3     | 4.546258 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3193.121 | 72092.16 | 15578.28 | 2069.080 | 4716.442 |
| Stddev    | 7.426    | 144.95   | 28.53    | 3.338    | 4.233    |
| %RSD      | .2325490 | .2010597 | .1831664 | .1613473 | .0897403 |
| #1        | 3187.970 | 72070.97 | 15595.95 | 2071.133 | 4719.525 |
| #2        | 3201.633 | 71958.97 | 15545.36 | 2070.879 | 4718.185 |
| #3        | 3189.762 | 72246.53 | 15593.54 | 2065.228 | 4711.616 |

Sample Name: CCB07      Acquired: 3/24/2025 17:33:27      Type: Unk  
Method: NON EPA-6010-200.7(v2839)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.000619 | .0002859 | .0009540 | -.000161 | -.001396 | .0023261 | -.007327 |
| Stddev | .000903  | .0019827 | .0007915 | .003362  | .000910  | .0067456 | .000292  |
| %RSD   | 145.9582 | 693.3837 | 82.97091 | 2088.935 | 65.19496 | 290.0013 | 3.979806 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000828 | -.000125 | .0001590 | .000650  | -.000350 | .0085482 | -.007258 |
| #2 | -.001398 | .002442  | .0009610 | .002722  | -.001835 | -.004843 | -.007075 |
| #3 | .000370  | -.001459 | .0017420 | -.003854 | -.002005 | .003273  | -.007646 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001174 | -.000017 | -.003932 | -.000080 | .0000400 | -.000169 | .0013054 |
| Stddev | .0000227 | .000044  | .006244  | .000289  | .0002936 | .000275  | .0009976 |
| %RSD   | 19.31105 | 262.4477 | 158.7921 | 358.7602 | 734.7292 | 162.0238 | 76.42223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001011 | -.000041 | -.009053 | -.000381 | -.000286 | -.000086 | .0010450 |
| #2 | .0001433 | .000034  | .003024  | .000195  | .000283  | -.000476 | .0004638 |
| #3 | .0001077 | -.000043 | -.005768 | -.000055 | .000123  | .000053  | .0024073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000807 | .0076922 | .0001038 | .0003313 | -.023841 | .0013219 | -.000815 |
| Stddev | .000192  | .0102038 | .0000517 | .0002436 | .016006  | .0007403 | .000190  |
| %RSD   | 23.79892 | 132.6516 | 49.82313 | 73.52772 | 67.13731 | 55.99881 | 23.37440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000963 | -.003843 | .0000879 | .0000822 | -.010600 | .0021701 | -.000771 |
| #2 | -.000866 | .011380  | .0000618 | .0005690 | -.041629 | .0009894 | -.001023 |
| #3 | -.000593 | .015540  | .0001615 | .0003427 | -.019295 | .0008062 | -.000650 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.016621 | .0023739 | .0002263 | -.000573 | .0013757 | .0065417 | -.001257 |
| Stddev | .017608  | .0003352 | .0002639 | .000422  | .0005350 | .0015826 | .000274  |
| %RSD   | 105.9416 | 14.11829 | 116.6141 | 73.61567 | 38.89052 | 24.19285 | 21.83592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.036488 | .0027609 | .0003622 | -.000279 | .0014555 | .0056506 | -.001151 |
| #2 | -.010434 | .0021759 | -.000078 | -.000384 | .0018663 | .0083689 | -.001568 |
| #3 | -.002941 | .0021850 | .000395  | -.001057 | .0008052 | .0056054 | -.001051 |

Sample Name: CCB07      Acquired: 3/24/2025 17:33:27      Type: Unk  
Method: NON EPA-6010-200.7(v2839)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002620 | -.006326 | .0000501 |
| Stddev | .000240  | .001527  | .0000434 |
| %RSD   | 9.147544 | 24.14434 | 86.59454 |
| #1     | -.002364 | -.004563 | .0000440 |
| #2     | -.002657 | -.007224 | .0000101 |
| #3     | -.002840 | -.007192 | .0000963 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3319.547 | 76396.05 | 15642.38 | 2207.763 | 5259.043 |
| Stddev    | 8.222    | 273.54   | 36.99    | 10.348   | 15.544   |
| %RSD      | .2476787 | .3580551 | .2364699 | .4686975 | .2955621 |
| #1        | 3328.272 | 76082.25 | 15669.09 | 2198.054 | 5276.789 |
| #2        | 3318.426 | 76521.76 | 15600.16 | 2206.587 | 5247.840 |
| #3        | 3311.944 | 76584.13 | 15657.89 | 2218.649 | 5252.501 |

Sample Name: LR1      Acquired: 3/24/2025 17:38:38      Type: Unk  
Method: NON EPA-6010-200.7(v2840)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0467236 | .0742382 | .0315682 | -.001392 | -.021319 | 1981.664 | .0094493 |
| Stddev | .0130506 | .0060584 | .0055529 | .004102  | .007818  | 5.974    | .0004023 |
| %RSD   | 27.93144 | 8.160752 | 17.59012 | 294.6295 | 36.67265 | .3014560 | 4.257236 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0403238 | .0805616 | .0379292 | .001051  | -.027774 | 1988.455 | .0090504 |
| #2 | .0381083 | .0736678 | .0276898 | .000901  | -.012626 | 1977.220 | .0094426 |
| #3 | .0617387 | .0684851 | .0290854 | -.006129 | -.023557 | 1979.317 | .0098549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054032 | .0038671 | 1753.149 | .0247188 | .0314262 | .0970277 | 938.8454 |
| Stddev | .0000459 | .0015386 | 5.300    | .0000545 | .0003729 | .0005710 | 3.9057   |
| %RSD   | .8488037 | 39.78864 | .3022940 | .2203069 | 1.186738 | .5884832 | .4160154 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054545 | .0024902 | 1747.090 | .0246694 | .0311005 | .0973058 | 942.6845 |
| #2 | .0053662 | .0035831 | 1755.434 | .0247772 | .0318330 | .0974064 | 934.8762 |
| #3 | .0053887 | .0055279 | 1756.923 | .0247098 | .0313449 | .0963709 | 938.9755 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.111050 | 1897.561 | .0110793 | -.038787 | 1866.150 | .0170650 | .1575487 |
| Stddev | .000819  | 8.387    | .0012821 | .000450  | 13.259   | .0006747 | .0030641 |
| %RSD   | .7374856 | .4419684 | 11.57167 | 1.161117 | .7104967 | 3.953748 | 1.944876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.111717 | 1906.517 | .0117410 | -.038312 | 1881.322 | .0166865 | .1592310 |
| #2 | -.110136 | 1889.892 | .0096016 | -.039208 | 1860.342 | .0178439 | .1540120 |
| #3 | -.111298 | 1896.275 | .0118953 | -.038839 | 1856.787 | .0166645 | .1594032 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1384.633 | ^ ***** | -.009766 | -.004655 | -.035428 | .1371183 | .0873552 |
| Stddev | 12.574   | -----   | .000806  | .004257  | .000923  | .0132505 | .0085242 |
| %RSD   | .9081061 | -----   | 8.251661 | 91.45874 | 2.605725 | 9.663576 | 9.758119 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 1398.640 | ^ ----- | -.009349 | -.005943 | -.036371 | .1450704 | .0776108 |
| #2 | 1374.318 | ^ ----- | -.009253 | .000098  | -.035387 | .1218219 | .0910238 |
| #3 | 1380.942 | ^ ----- | -.010695 | -.008118 | -.034526 | .1444625 | .0934308 |

Sample Name: LR1      Acquired: 3/24/2025 17:38:38      Type: Unk  
Method: NON EPA-6010-200.7(v2840)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.187514 | .0933820 | -.815172 |
| Stddev | .007638  | .0033692 | .003402  |
| %RSD   | 4.073255 | 3.607985 | .4173464 |
| #1     | -.195488 | .0969475 | -.818467 |
| #2     | -.186789 | .0929471 | -.811672 |
| #3     | -.180264 | .0902514 | -.815376 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2190.808 | 50799.48 | 12963.13 | 1448.610 | 2724.044 |
| Stddev    | 8.769    | 54.86    | 30.12    | 3.624    | 12.894   |
| %RSD      | .4002417 | .1080014 | .2323142 | .2501581 | .4733517 |
| #1        | 2195.214 | 50758.76 | 12997.60 | 1448.780 | 2729.300 |
| #2        | 2196.499 | 50861.87 | 12941.90 | 1452.146 | 2733.480 |
| #3        | 2180.710 | 50777.80 | 12949.90 | 1444.904 | 2709.352 |

Sample Name: LR2      Acquired: 3/24/2025 17:52:07      Type: Unk  
Method: NON EPA-6010-200.7(v2841)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097266 | -.021018 | 253.5243 | -.005540 | -.004079 | .1438519 | ^F ***** |
| Stddev | .0034420 | .002488  | .5514    | .002272  | .001834  | .0055534 | -----    |
| %RSD   | 35.38765 | 11.83647 | .2174816 | 41.01022 | 44.97683 | 3.860489 | -----    |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0080929 | -.018378 | 253.4085 | -.005797 | -.005254 | .1468093 | ^ -----  |
| #2 | .0074056 | -.021356 | 253.0400 | -.003150 | -.005017 | .1374457 | 75.80682 |
| #3 | .0136812 | -.023319 | 254.1243 | -.007672 | -.001965 | .1473007 | 76.41991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001135 | -.001339 | .1753568 | .0075092 | .0053391 | 271.8521 | .0197344 |
| Stddev | .000030  | .000090  | .0048622 | .0002491 | .0000285 | .0876    | .0014314 |
| %RSD   | 2.600217 | 6.730760 | 2.772742 | 3.317265 | .5342477 | .0322413 | 7.253466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001131 | -.001435 | .1701808 | .0074731 | .0053619 | 271.9530 | .0211857 |
| #2 | -.001108 | -.001328 | .1760612 | .0072801 | .0053071 | 271.7940 | .0183237 |
| #3 | -.001166 | -.001255 | .1798283 | .0077743 | .0053483 | 271.8095 | .0196938 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 46.91955 | -.073640 | 54.19129 | -.000101 | .0176053 | -.009516 | 36.10018 |
| Stddev | .55270   | .006810  | .12213   | .000469  | .0091393 | .000094  | .06596   |
| %RSD   | 1.177971 | 9.247166 | .2253679 | 463.0290 | 51.91249 | .9842077 | .1827123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 46.80856 | -.080102 | 54.15921 | .000390  | .0127669 | -.009418 | 36.17146 |
| #2 | 46.43077 | -.066529 | 54.08840 | -.000150 | .0281467 | -.009524 | 36.04130 |
| #3 | 47.51932 | -.074290 | 54.32626 | -.000544 | .0119023 | -.009605 | 36.08777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.014945 | -.001182 | -.005761 | -.005745 | -.030727 | -.008323 | .2415328 |
| Stddev | .010681  | .000428  | .000151  | .000468  | .000941  | .002075  | .0091348 |
| %RSD   | 71.46750 | 36.17715 | 2.619660 | 8.145887 | 3.063049 | 24.93463 | 3.782013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009481 | -.000733 | -.005750 | -.005895 | -.031739 | -.008307 | .2407602 |
| #2 | -.008102 | -.001230 | -.005917 | -.006119 | -.029878 | -.010406 | .2328088 |
| #3 | -.027252 | -.001584 | -.005616 | -.005220 | -.030565 | -.006256 | .2510293 |

Sample Name: LR2      Acquired: 3/24/2025 17:52:07      Type: Unk  
Method: NON EPA-6010-200.7(v2841)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.021285 | -.008344 | .0014894 |
| Stddev | .002889  | .002039  | .0000421 |
| %RSD   | 13.57248 | 24.43836 | 2.825336 |
| #1     | -.021235 | -.008578 | .0014636 |
| #2     | -.018421 | -.006197 | .0014667 |
| #3     | -.024199 | -.010255 | .0015380 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3080.807 | 74574.35 | 15853.32 | 2050.436 | 4898.029 |
| Stddev    | 6.259    | 128.42   | 135.85   | 5.789    | 16.661   |
| %RSD      | .2031736 | .1722059 | .8569435 | .2823472 | .3401538 |
| #1        | 3083.119 | 74484.46 | 15807.43 | 2046.128 | 4904.498 |
| #2        | 3085.582 | 74721.43 | 16006.17 | 2048.162 | 4910.486 |
| #3        | 3073.721 | 74517.14 | 15746.35 | 2057.017 | 4879.104 |



Sample Name: CCV08      Acquired: 3/24/2025 18:01:45      Type: Unk  
Method: NON EPA-6010-200.7(v2842)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.758674 | 4.698232 | 4.550267 | 4.845075 | 4.929432 | 9.331158 |
| Stddev | .009166  | .016765  | .010491  | .006722  | .005645  | .116590  |
| %RSD   | .1926213 | .3568394 | .2305518 | .1387288 | .1145095 | 1.249470 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.751306 | 4.706557 | 4.560276 | 4.852245 | 4.925139 | 9.465207 |
| #2 | 4.768939 | 4.678934 | 4.551171 | 4.838916 | 4.927330 | 9.274931 |
| #3 | 4.755777 | 4.709205 | 4.539353 | 4.844064 | 4.935826 | 9.253338 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.086217 | .2580153 | 2.253711 | 26.64834 | .9314513 | 2.274441 |
| Stddev | .070119  | .0020403 | .006438  | .34924   | .0009390 | .006147  |
| %RSD   | .7717053 | .7907600 | .2856765 | 1.310553 | .1008144 | .2702834 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.165186 | .2603557 | 2.259669 | 27.05160 | .9319584 | 2.281108 |
| #2 | 9.062214 | .2566111 | 2.254583 | 26.44599 | .9303678 | 2.273217 |
| #3 | 9.031253 | .2570792 | 2.246881 | 26.44741 | .9320278 | 2.268998 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.199148 | 4.533181 | 2.522227 | 25.73982 | 2.270381 | 1.171185 |
| Stddev | .001426  | .009852  | .026329  | .35505   | .008847  | .001539  |
| %RSD   | .1188925 | .2173355 | 1.043863 | 1.379364 | .3896623 | .1314095 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.200689 | 4.541206 | 2.552504 | 26.14701 | 2.280028 | 1.169975 |
| #2 | 1.198877 | 4.522185 | 2.504710 | 25.49489 | 2.268466 | 1.170663 |
| #3 | 1.197877 | 4.536153 | 2.509466 | 25.57758 | 2.262648 | 1.172917 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 22.87048 | 2.270465 | 2.343178 | 23.38270 | F 4.415005 | 4.872827 |
| Stddev | .06660   | .028464  | .002098  | .08623   | .034468    | .004445  |
| %RSD   | .2911948 | 1.253674 | .0895472 | .3687654 | .7807094   | .0912305 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.93529 | 2.303288 | 2.341365 | 23.47954 | 4.453272 | 4.877249 |
| #2 | 22.87391 | 2.252577 | 2.342694 | 23.35433 | 4.386395 | 4.868359 |
| #3 | 22.80223 | 2.255529 | 2.345476 | 23.31423 | 4.405348 | 4.872874 |

Sample Name: CCV08      Acquired: 3/24/2025 18:01:45      Type: Unk  
Method: NON EPA-6010-200.7(v2842)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.565946 | 4.517612 | 4.751694 | 4.607044 | 4.573793 | 4.520179 |
| Stddev | .009475  | .051741  | .015874  | .017306  | .009367  | .051885  |
| %RSD   | .2075246 | 1.145315 | .3340698 | .3756314 | .2048079 | 1.147863 |
| #1     | 4.575586 | 4.577243 | 4.757784 | 4.621116 | 4.584344 | 4.579246 |
| #2     | 4.565608 | 4.490994 | 4.733677 | 4.612295 | 4.566453 | 4.499330 |
| #3     | 4.556644 | 4.484599 | 4.763621 | 4.587721 | 4.570582 | 4.481961 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.580751 |
| Stddev | .030006  |
| %RSD   | .6550477 |
| #1     | 4.615147 |
| #2     | 4.567164 |
| #3     | 4.559941 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3210.198 | 73737.96 | 15436.63 | 2116.888 | 4751.579 |
| Stddev    | 3.472    | 108.32   | 141.22   | 2.110    | 12.722   |
| %RSD      | .1081450 | .1468936 | .9148410 | .0996538 | .2677476 |
| #1        | 3206.274 | 73700.83 | 15280.30 | 2116.493 | 4738.973 |
| #2        | 3212.871 | 73859.96 | 15554.97 | 2119.167 | 4751.351 |
| #3        | 3211.448 | 73653.10 | 15474.63 | 2115.004 | 4764.414 |

Sample Name: CCB08      Acquired: 3/24/2025 18:08:52      Type: Unk  
Method: NON EPA-6010-200.7(v2842)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002348 | -.000164 | .0011591 | -.000092 | -.003507 | .0064502 | -.009856 |
| Stddev | .001785  | .000696  | .0007833 | .001914  | .000404  | .0036076 | .000389  |
| %RSD   | 76.04665 | 424.9412 | 67.58125 | 2070.307 | 11.51455 | 55.93041 | 3.941877 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003141 | -.000221 | .0011858 | .001993  | -.003471 | .0039779 | -.010016 |
| #2 | -.000303 | .000559  | .0003627 | -.000499 | -.003928 | .0047827 | -.009413 |
| #3 | -.003598 | -.000830 | .0019287 | -.001771 | -.003122 | .0105899 | -.010139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001296 | -.000014 | -.003350 | .0000231 | -.000138 | .0003897 | .0011090 |
| Stddev | .0000364 | .000056  | .002588  | .0002393 | .000142  | .0004934 | .0011857 |
| %RSD   | 28.11730 | 395.6316 | 77.23603 | 1034.538 | 102.6627 | 126.6032 | 106.9158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001622 | .000047  | -.005949 | -.000195 | -.000044 | .0009233 | .0009592 |
| #2 | .0001363 | -.000026 | -.003329 | .000279  | -.000069 | .0002956 | .0023624 |
| #3 | .0000903 | -.000063 | -.000774 | -.000015 | -.000302 | -.000050 | .0000053 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000837 | .0102363 | .0001081 | .0001299 | -.015405 | .0004610 | -.000586 |
| Stddev | .000104  | .0055331 | .0002024 | .0000805 | .005328  | .0001985 | .000059  |
| %RSD   | 12.38248 | 54.05308 | 187.2493 | 62.00666 | 34.58678 | 43.06209 | 10.12417 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000858 | .0165014 | -.000012 | .0001383 | -.015197 | .0002475 | -.000532 |
| #2 | -.000928 | .0081884 | -.000005 | .0000455 | -.020835 | .0004955 | -.000649 |
| #3 | -.000724 | .0060191 | .000342  | .0002059 | -.010184 | .0006399 | -.000577 |

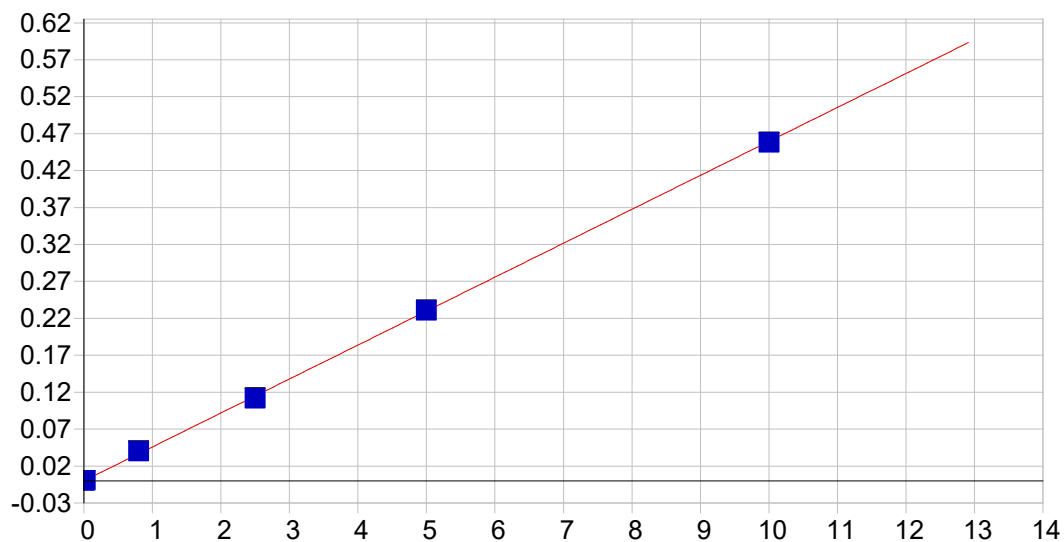
|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.038188 | .0009470 | -.000119 | -.000275 | .0009675 | .0075817 | .0004610 |
| Stddev | .035065  | .0004883 | .000021  | .000445  | .0002472 | .0069749 | .0005798 |
| %RSD   | 91.82090 | 51.56735 | 17.40492 | 161.5503 | 25.55272 | 91.99643 | 125.7631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.071624 | .0004578 | -.000109 | -.000721 | .0009168 | .0142388 | -.000109 |
| #2 | -.041245 | .0009486 | -.000105 | -.000273 | .0012361 | .0081789 | .000441  |
| #3 | -.001695 | .0014345 | -.000143 | .000168  | .0007495 | .0003274 | .001050  |

Sample Name: CCB08      Acquired: 3/24/2025 18:08:52      Type: Unk  
Method: NON EPA-6010-200.7(v2842)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003143 | -.007330 | .0000781 |
| Stddev | .001476  | .001218  | .0000215 |
| %RSD   | 46.95233 | 16.61945 | 27.53541 |
| #1     | -.003722 | -.008551 | .0000764 |
| #2     | -.001466 | -.007324 | .0001005 |
| #3     | -.004242 | -.006114 | .0000576 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3345.488 | 78780.82 | 16160.79 | 2226.751 | 5398.104 |
| Stddev    | 9.833    | 90.93    | 77.77    | 8.183    | 20.157   |
| %RSD      | .2939088 | .1154222 | .4812455 | .3674751 | .3734032 |
| #1        | 3355.027 | 78692.89 | 16203.98 | 2218.806 | 5411.520 |
| #2        | 3346.052 | 78874.48 | 16071.01 | 2226.295 | 5407.868 |
| #3        | 3335.386 | 78775.09 | 16207.38 | 2235.153 | 5374.925 |

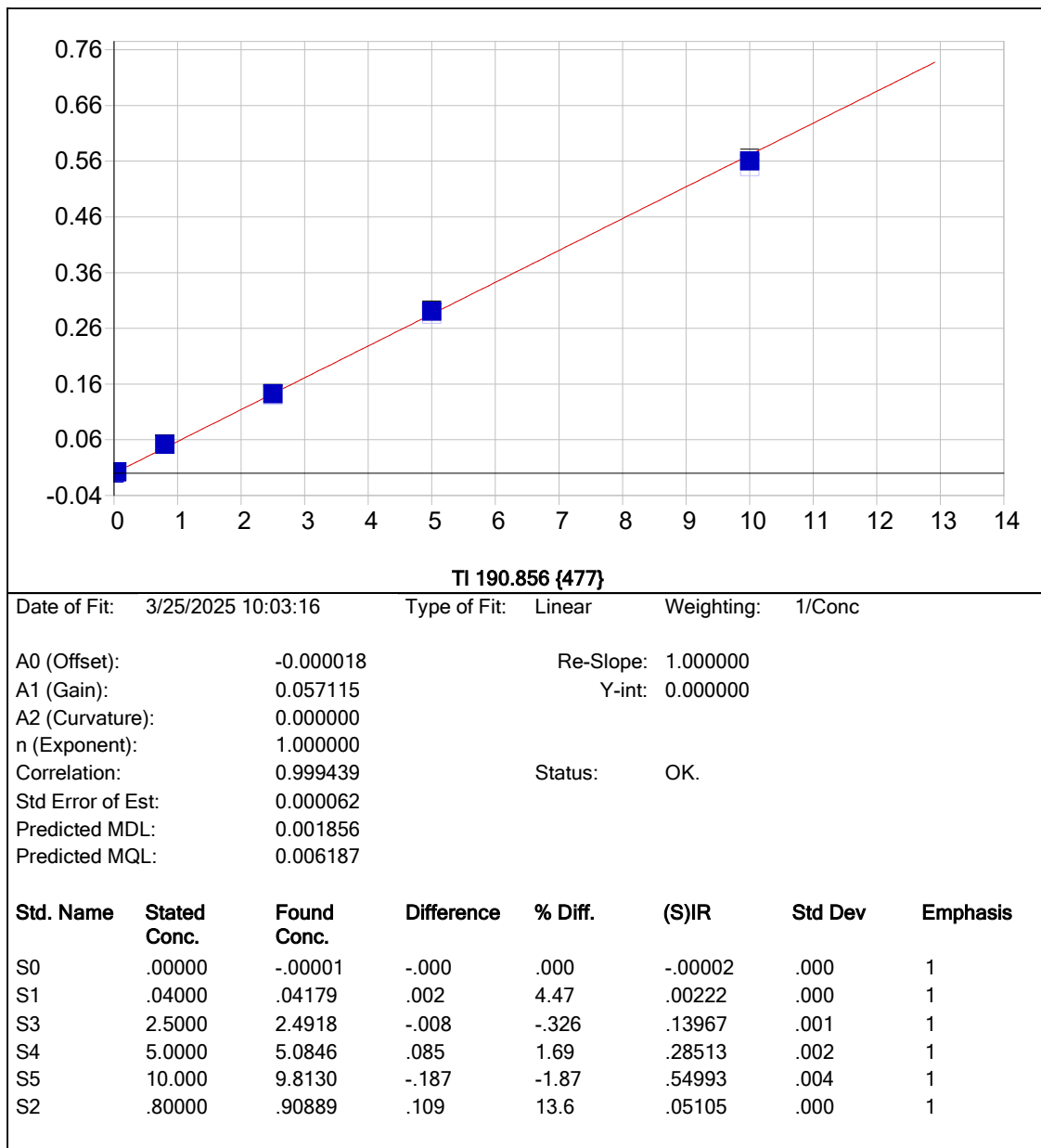


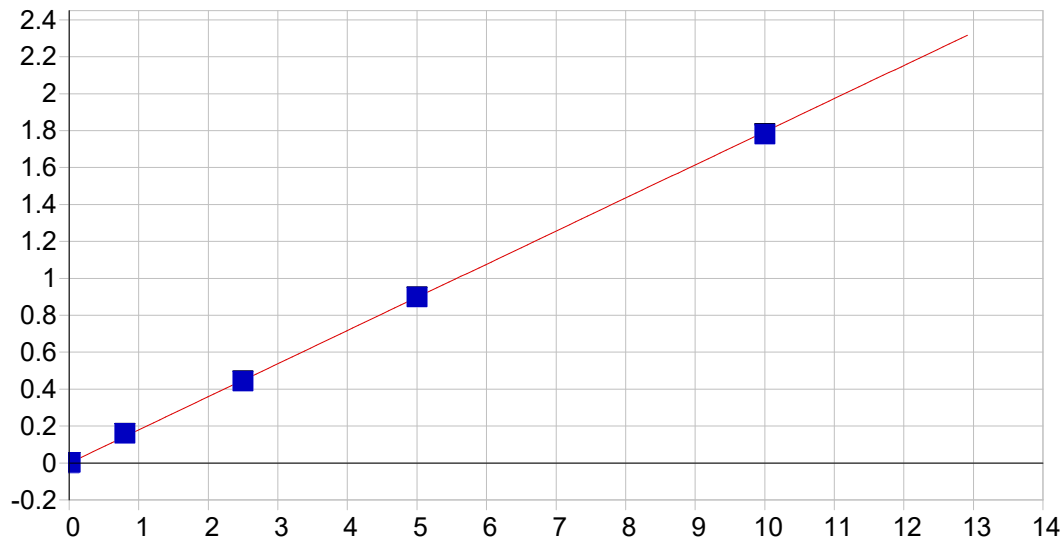
**As 189.042 {479}**

Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000  
A1 (Gain): 0.045954 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999745 Status: OK.  
Std Error of Est: 0.000024  
Predicted MDL: 0.002665  
Predicted MQL: 0.008884

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .02000       | .02056      | .001       | 2.79    | .00090  | .000    | 1        |
| S3        | 2.5000       | 2.4337      | -.066      | -2.65   | .11167  | .001    | 1        |
| S4        | 5.0000       | 5.0203      | .020       | .407    | .23041  | .001    | 1        |
| S5        | 10.000       | 9.9686      | -.031      | -.314   | .45756  | .001    | 1        |
| S2        | .80000       | .87676      | .077       | 9.59    | .04021  | .000    | 1        |



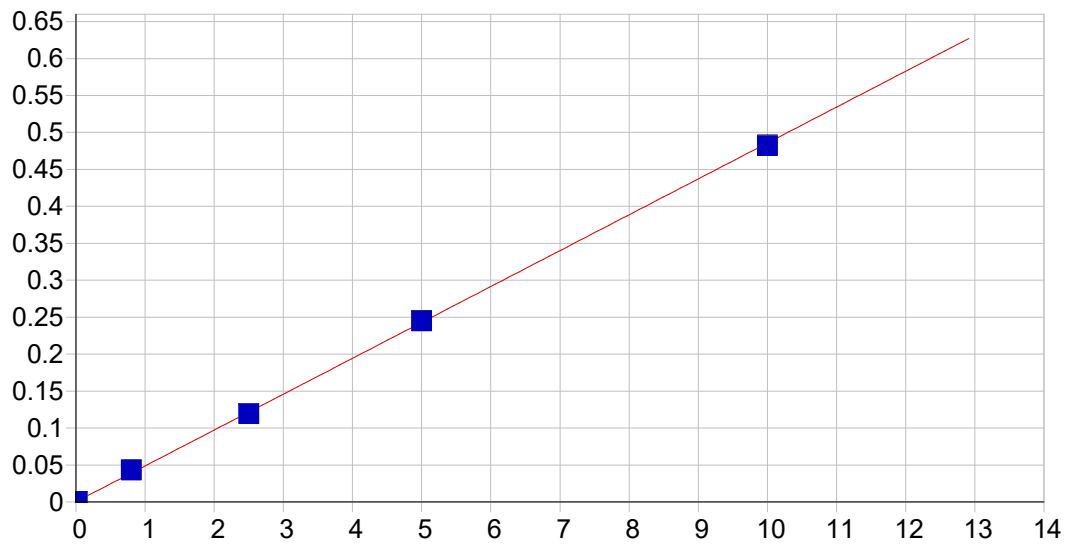


**Pb 220.353 {453}**

Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000  
A1 (Gain): 0.179419 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999694 Status: OK.  
Std Error of Est: 0.000080  
Predicted MDL: 0.001462  
Predicted MQL: 0.004875

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .01200       | .01244      | .000       | 3.68    | .00210  | .000    | 1        |
| S3        | 2.5000       | 2.4688      | -.031      | -1.25   | .44236  | .002    | 1        |
| S4        | 5.0000       | 5.0084      | .008       | .168    | .89752  | .001    | 1        |
| S5        | 10.000       | 9.9316      | -.068      | -.684   | 1.7799  | .003    | 1        |
| S2        | .80000       | .89078      | .091       | 11.3    | .15957  | .001    | 1        |



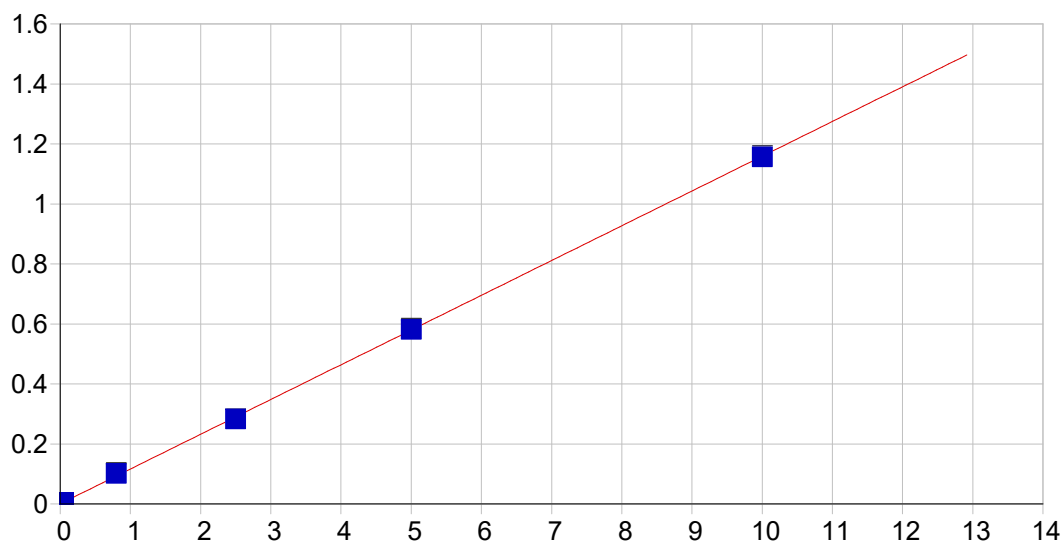
Se 196.090 {472}

Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000  
A1 (Gain): 0.048554 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999723 Status: OK.  
Std Error of Est: 0.000027  
Predicted MDL: 0.003082  
Predicted MQL: 0.010273

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .02000       | .02191      | .002       | 9.57    | .00122 | .000    | 1        |
| S3        | 2.5000       | 2.4526      | -.047      | -1.90   | .11920 | .000    | 1        |
| S4        | 5.0000       | 5.0390      | .039       | .781    | .24474 | .001    | 1        |
| S5        | 10.000       | 9.9255      | -.074      | -.745   | .48191 | .001    | 1        |
| S2        | .80000       | .88094      | .081       | 10.1    | .04292 | .001    | 1        |



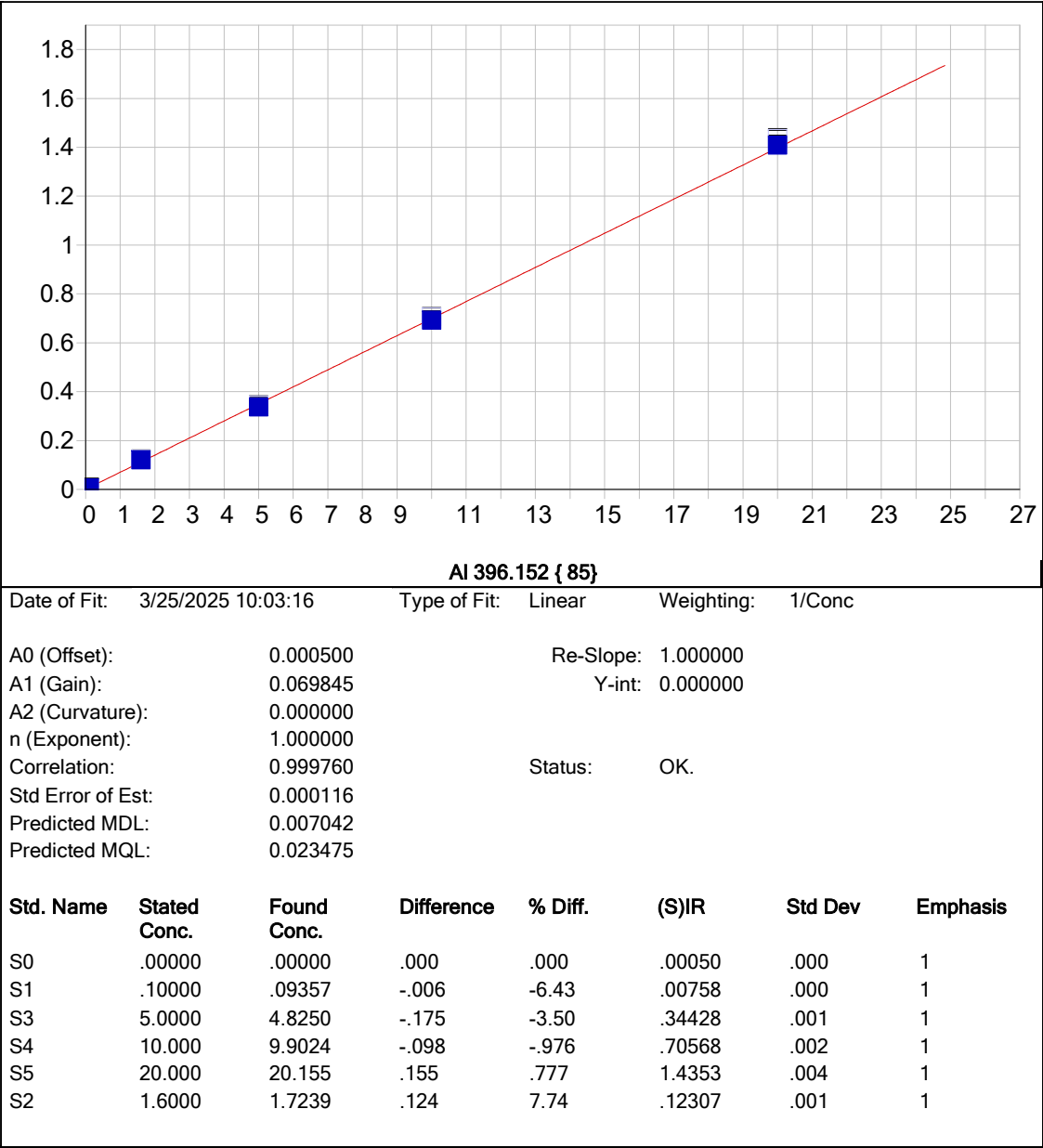


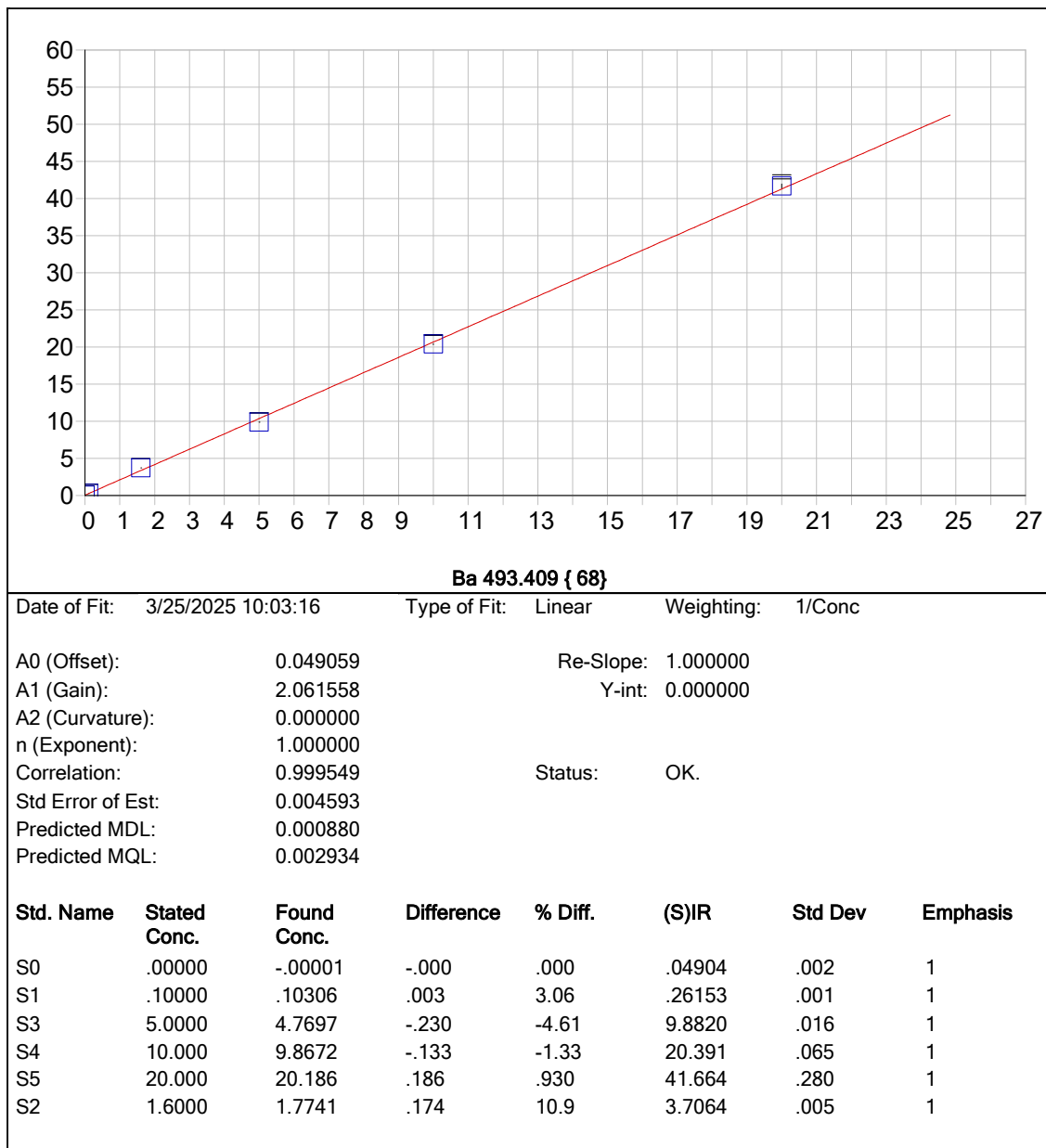
**Sb 206.833 {463}**

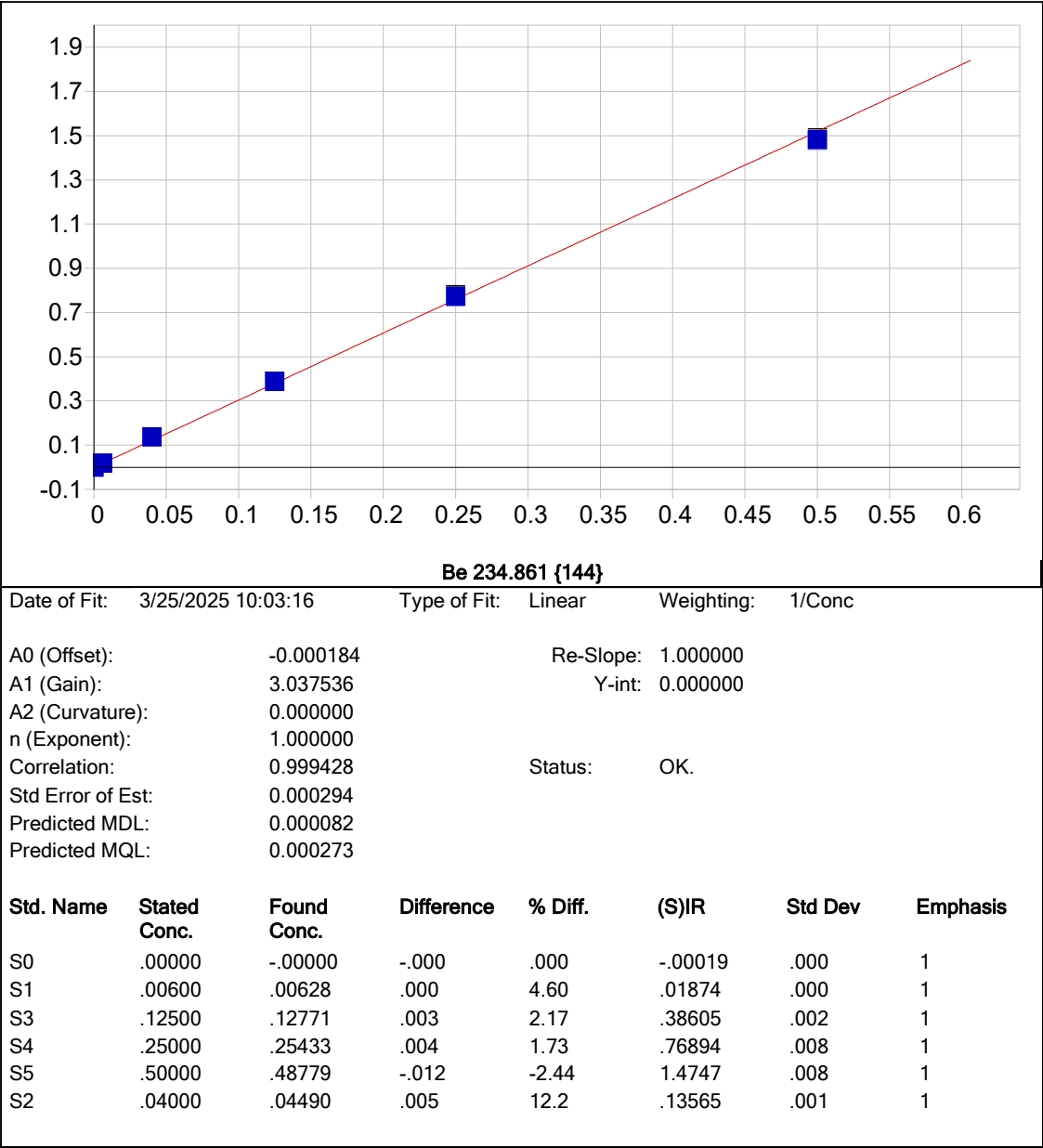
Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

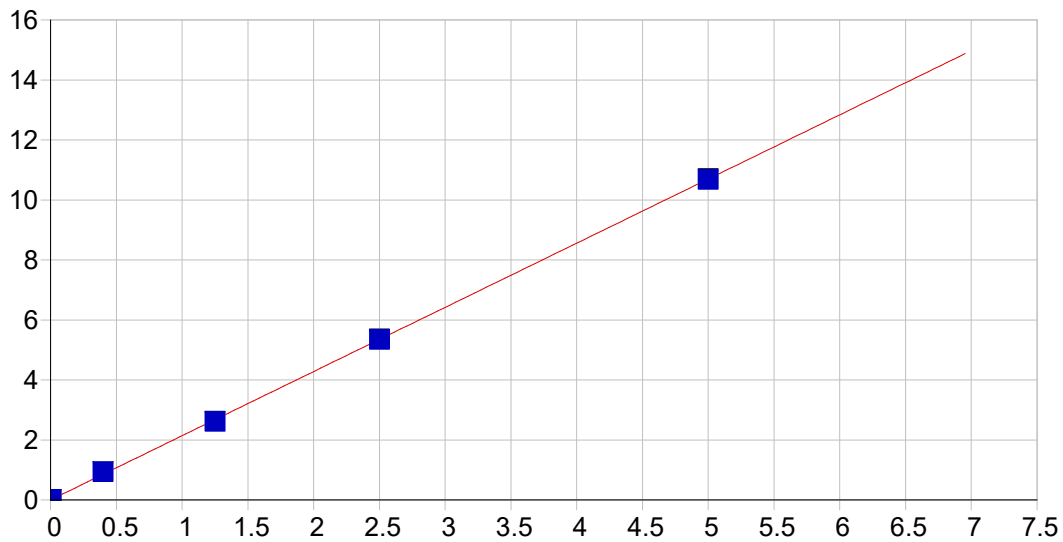
A0 (Offset): 0.000391 Re-Slope: 1.000000  
A1 (Gain): 0.115842 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999769 Status: OK.  
Std Error of Est: 0.000092  
Predicted MDL: 0.001944  
Predicted MQL: 0.006480

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00039 | .000    | 1        |
| S1        | .05000       | .05049      | .000       | .979    | .00625 | .000    | 1        |
| S3        | 2.5000       | 2.4364      | -.064      | -2.55   | .28341 | .001    | 1        |
| S4        | 5.0000       | 5.0135      | .014       | .270    | .58274 | .002    | 1        |
| S5        | 10.000       | 9.9759      | -.024      | -.241   | 1.1592 | .002    | 1        |
| S2        | .80000       | .87369      | .074       | 9.21    | .10185 | .001    | 1        |







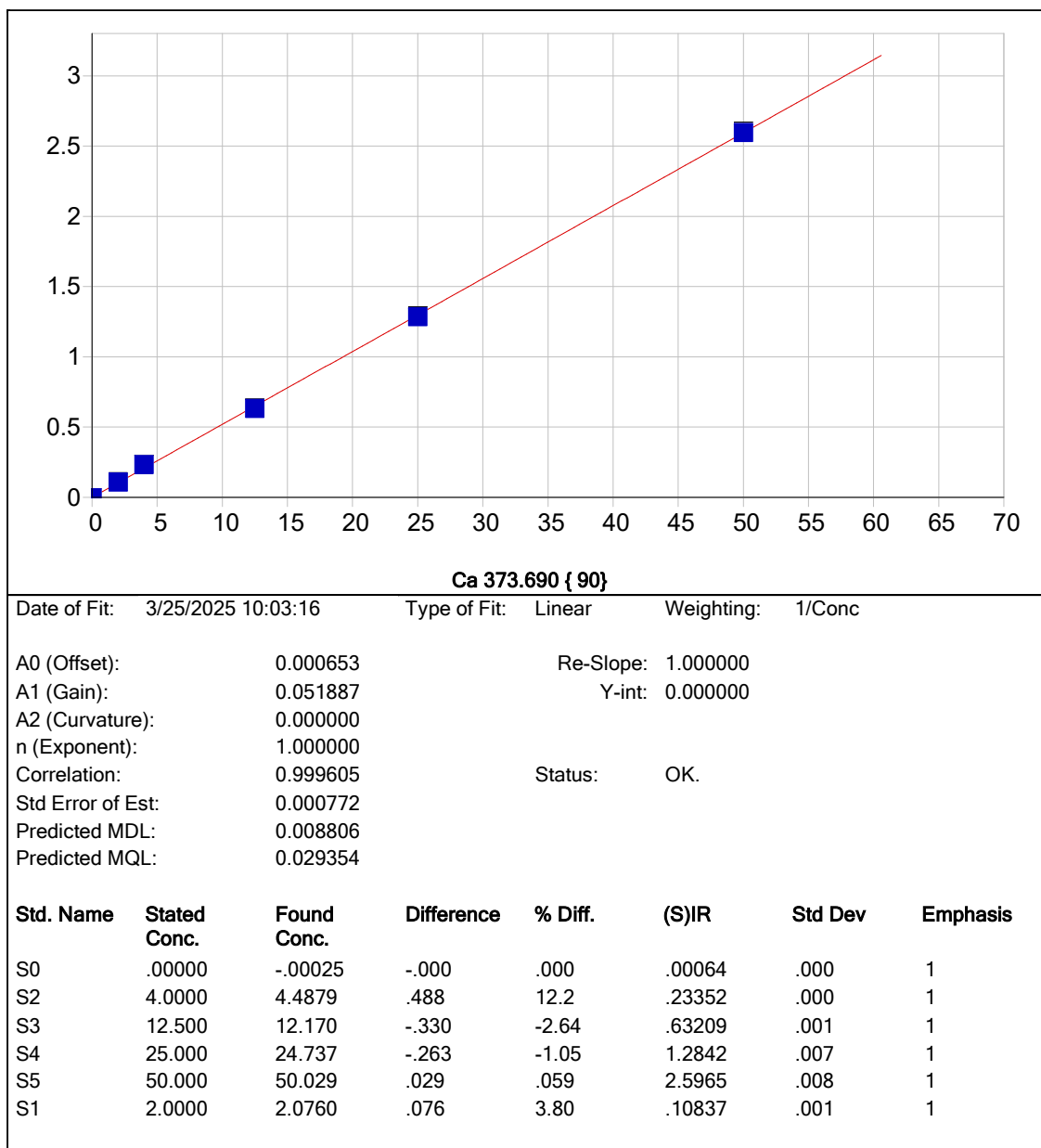


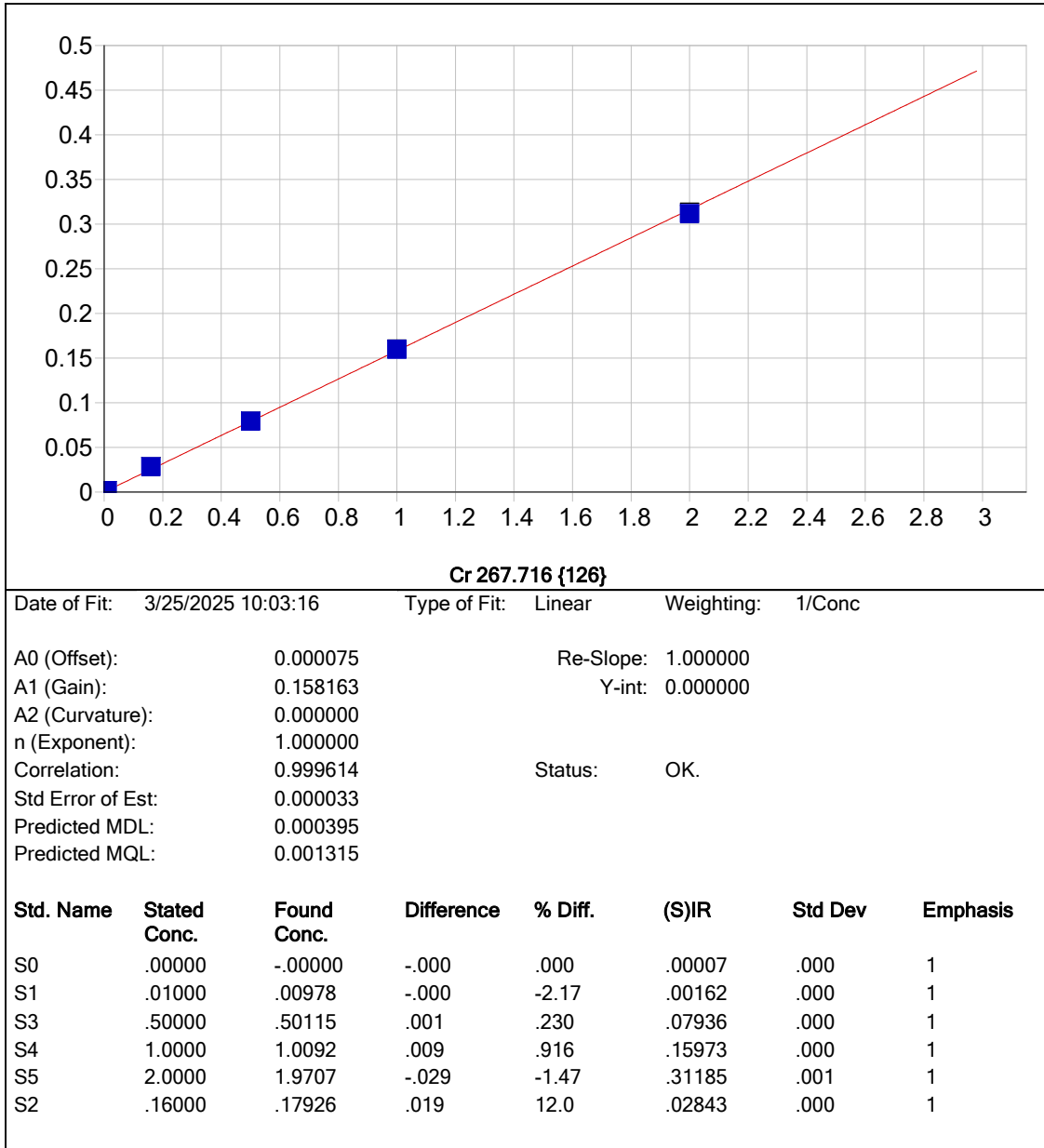
**Cd 226.502 {449}**

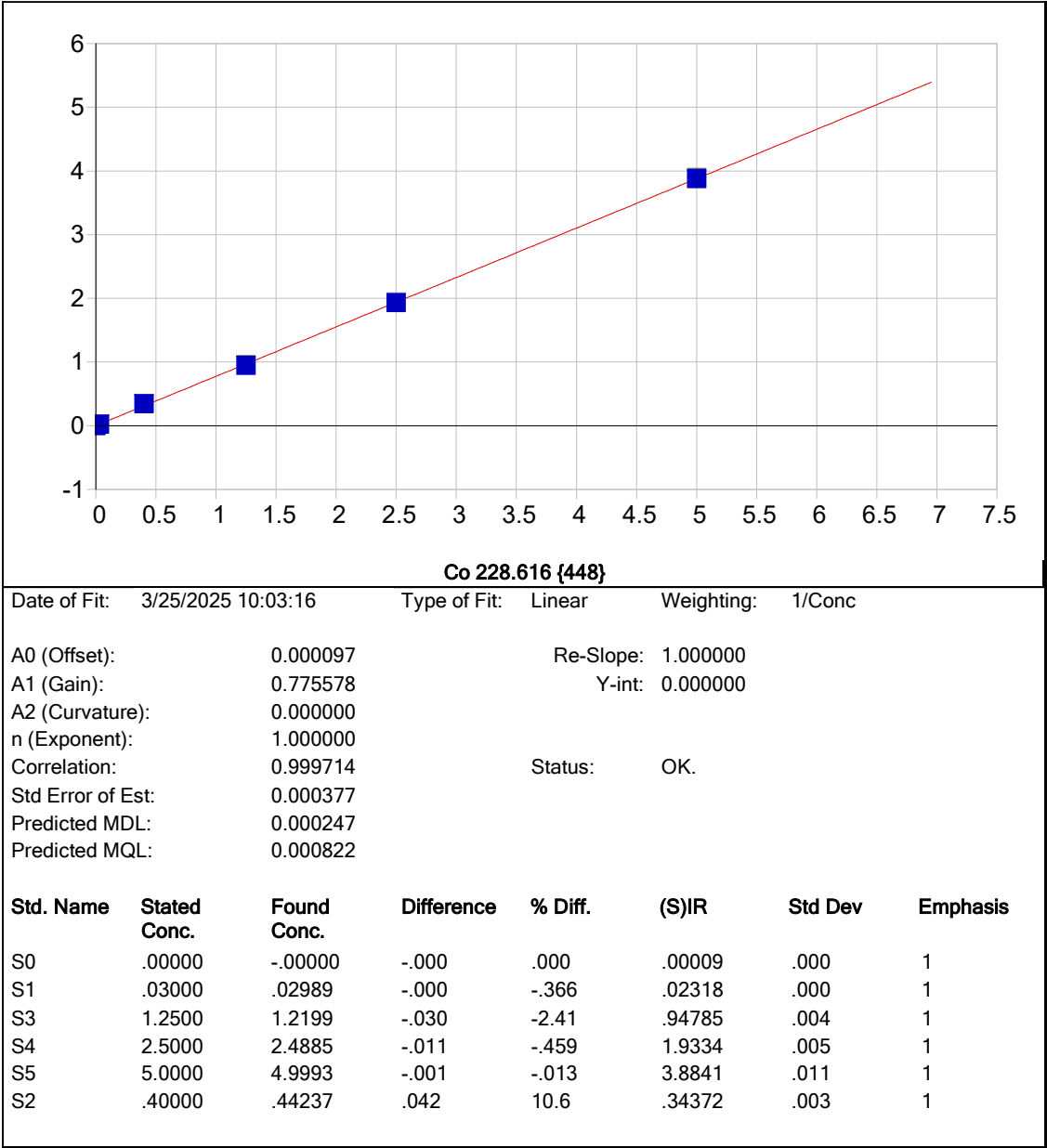
Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000148 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.139374 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999735 | Status:   | OK.      |
| Std Error of Est: | 0.000448 |           |          |
| Predicted MDL:    | 0.000084 |           |          |
| Predicted MQL:    | 0.000282 |           |          |

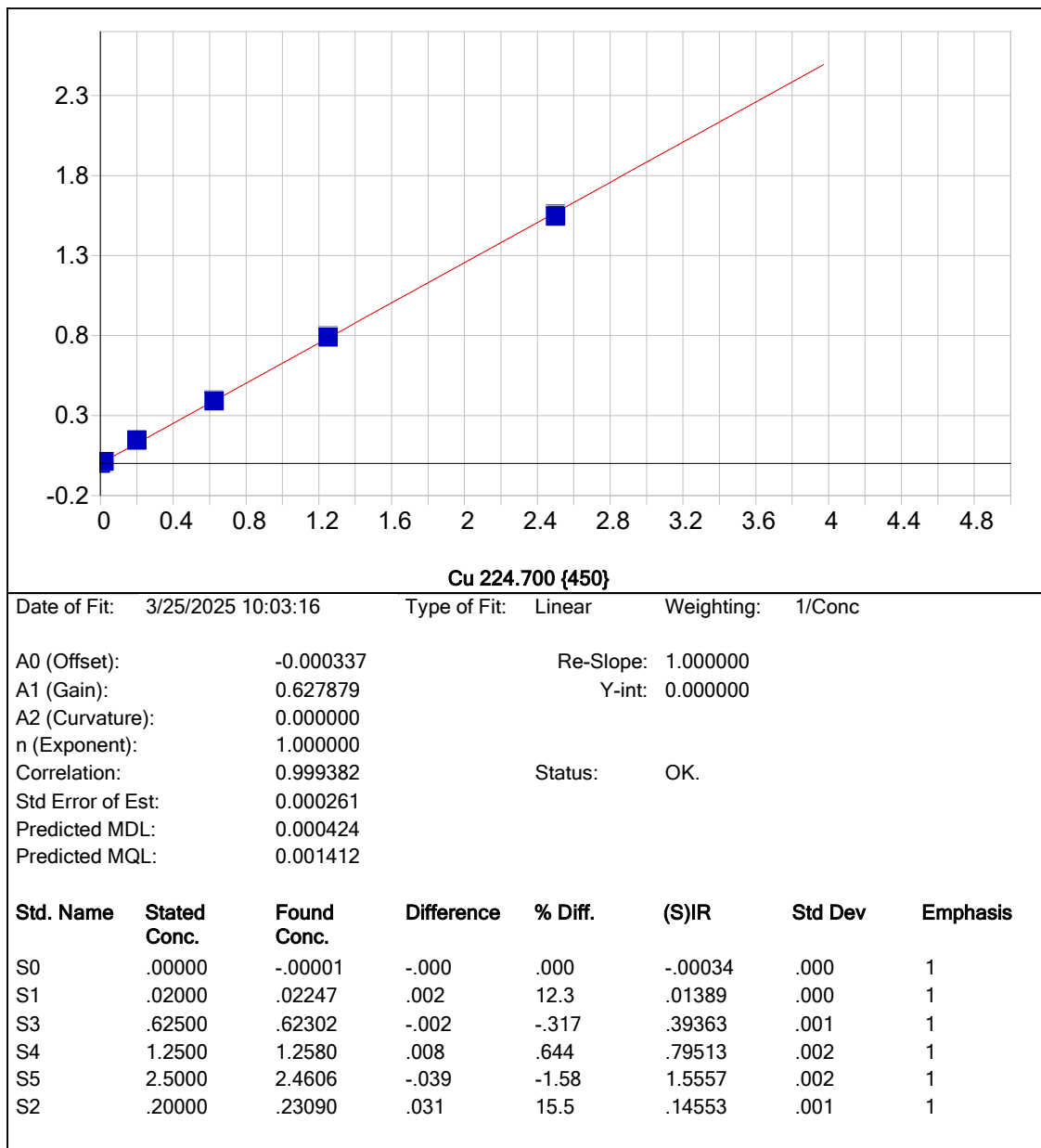
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .00600       | .00584      | -.000      | -2.69   | .01271 | .000    | 1        |
| S3        | 1.2500       | 1.2199      | -.030      | -2.40   | 2.6124 | .008    | 1        |
| S4        | 2.5000       | 2.4986      | -.001      | -.055   | 5.3504 | .012    | 1        |
| S5        | 5.0000       | 4.9910      | -.009      | -.181   | 10.687 | .020    | 1        |
| S2        | .40000       | .44062      | .041       | 10.2    | .94355 | .008    | 1        |

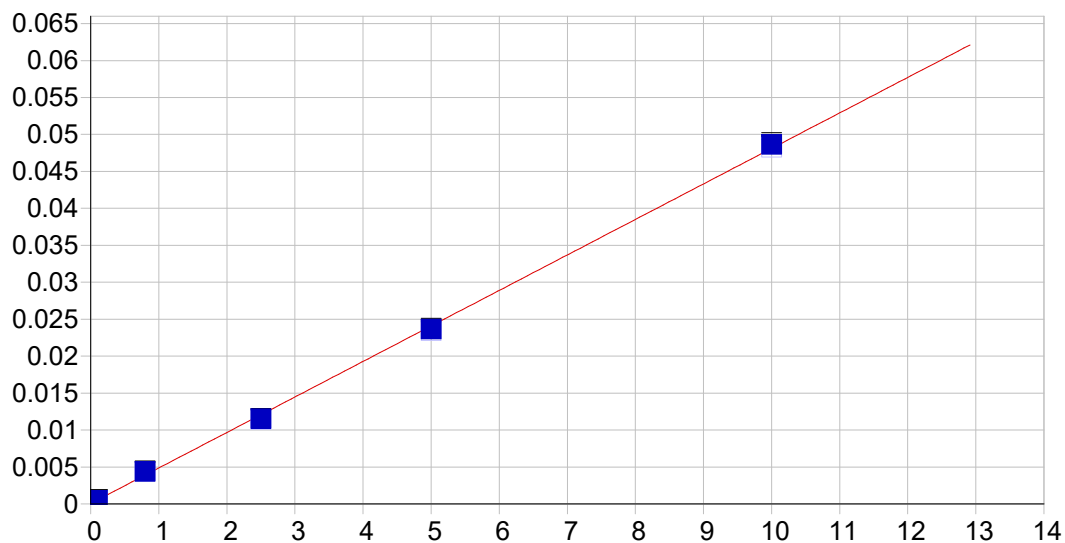










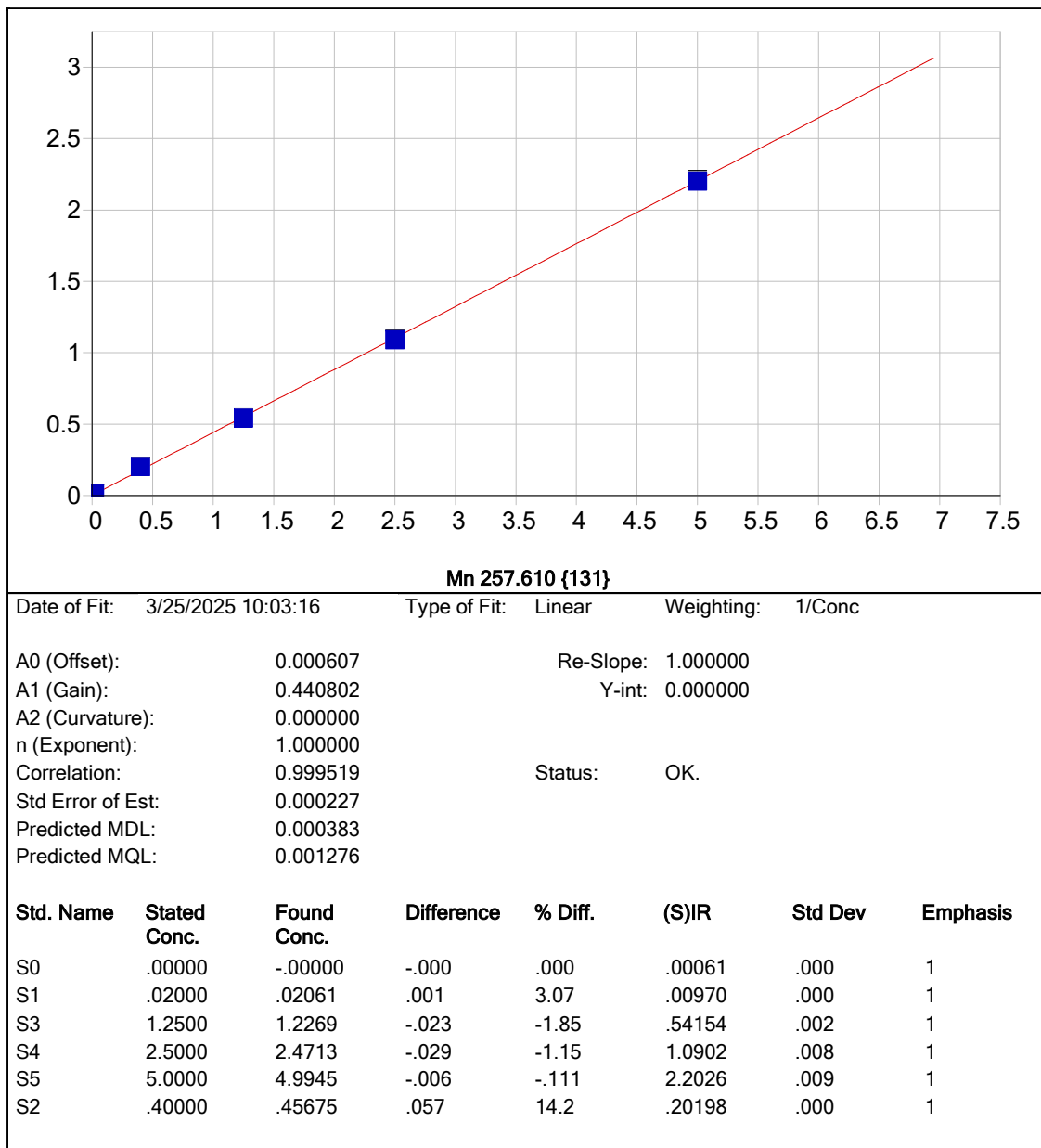


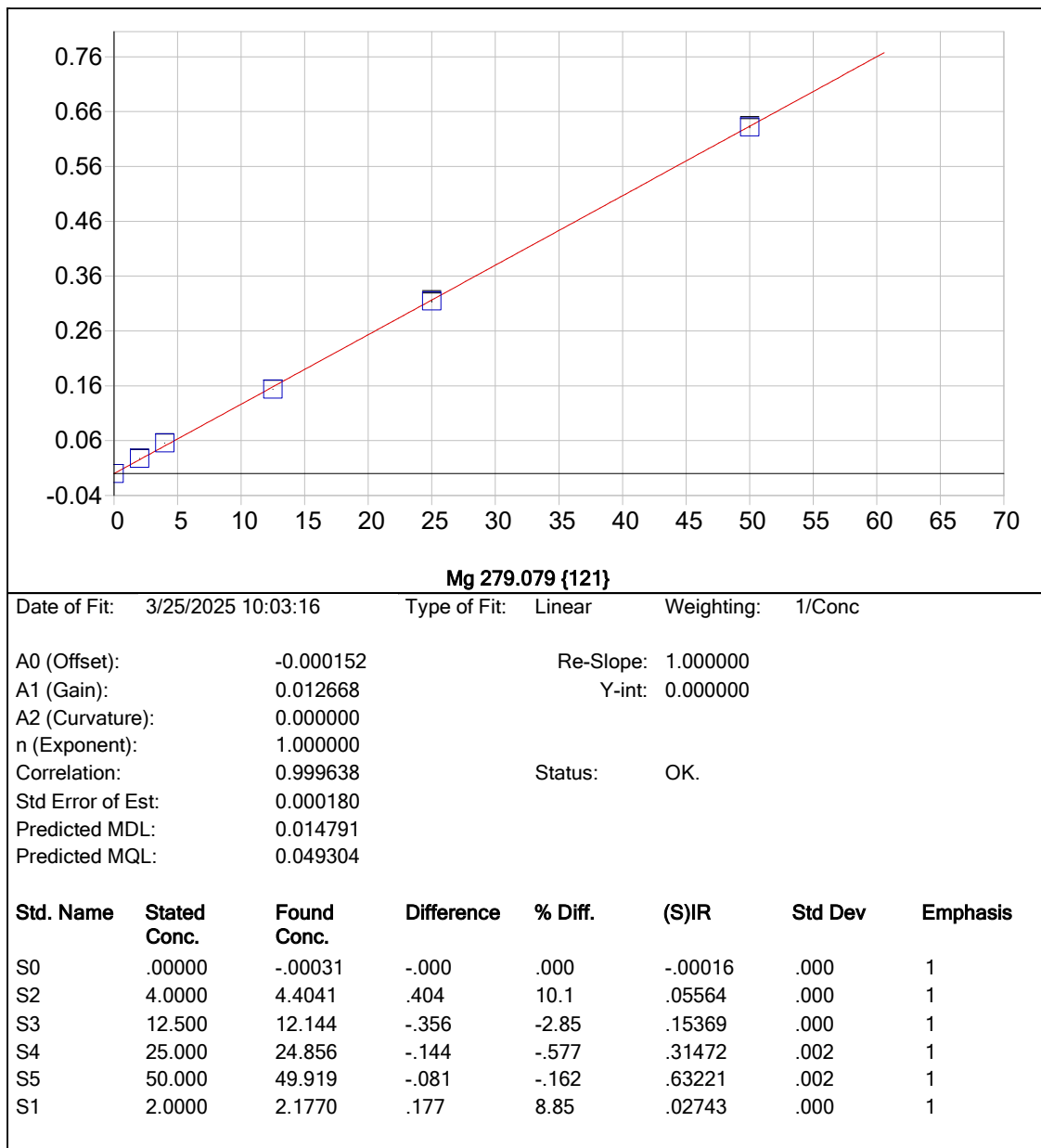
**Fe 240.488 {140}**

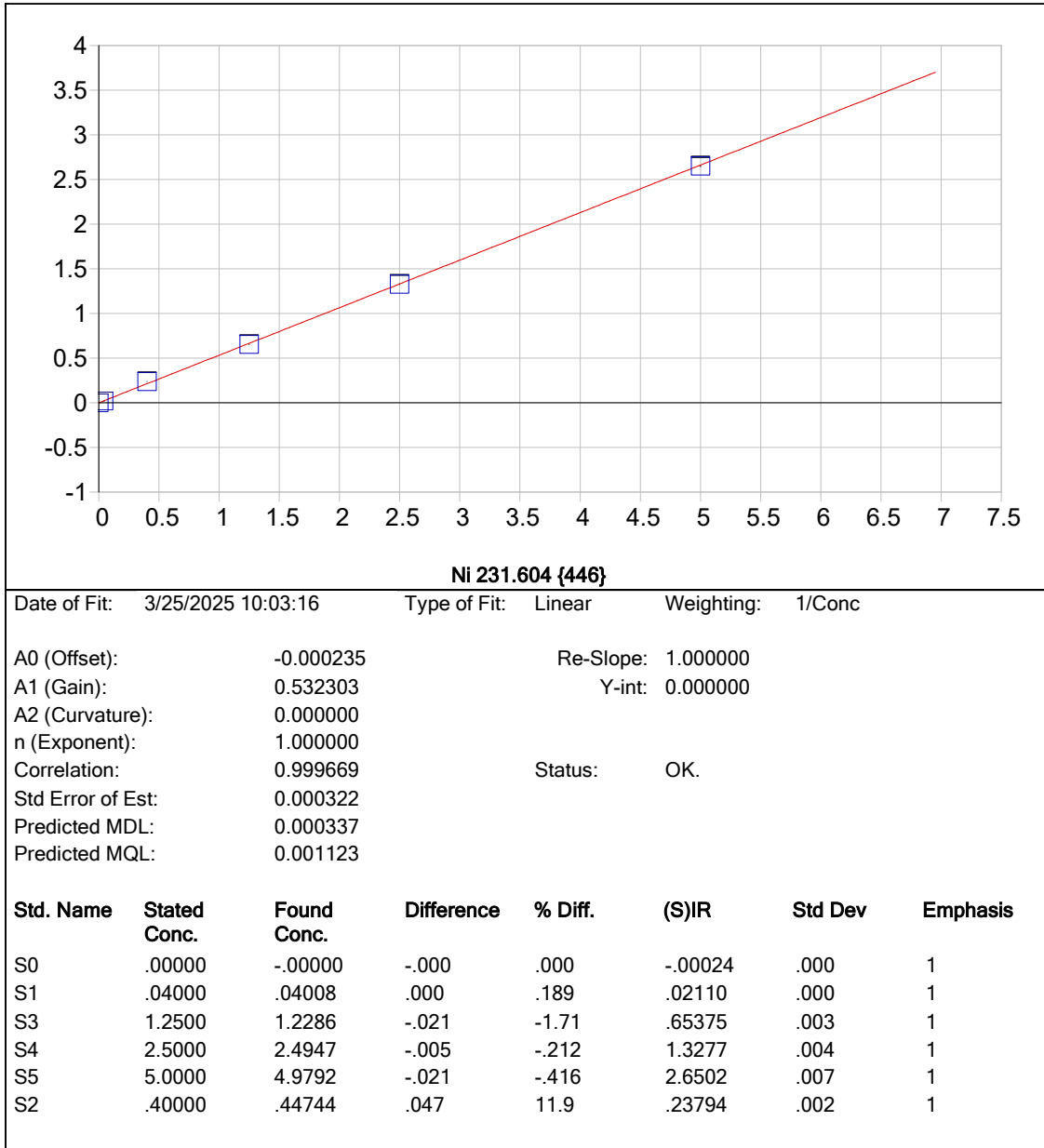
Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

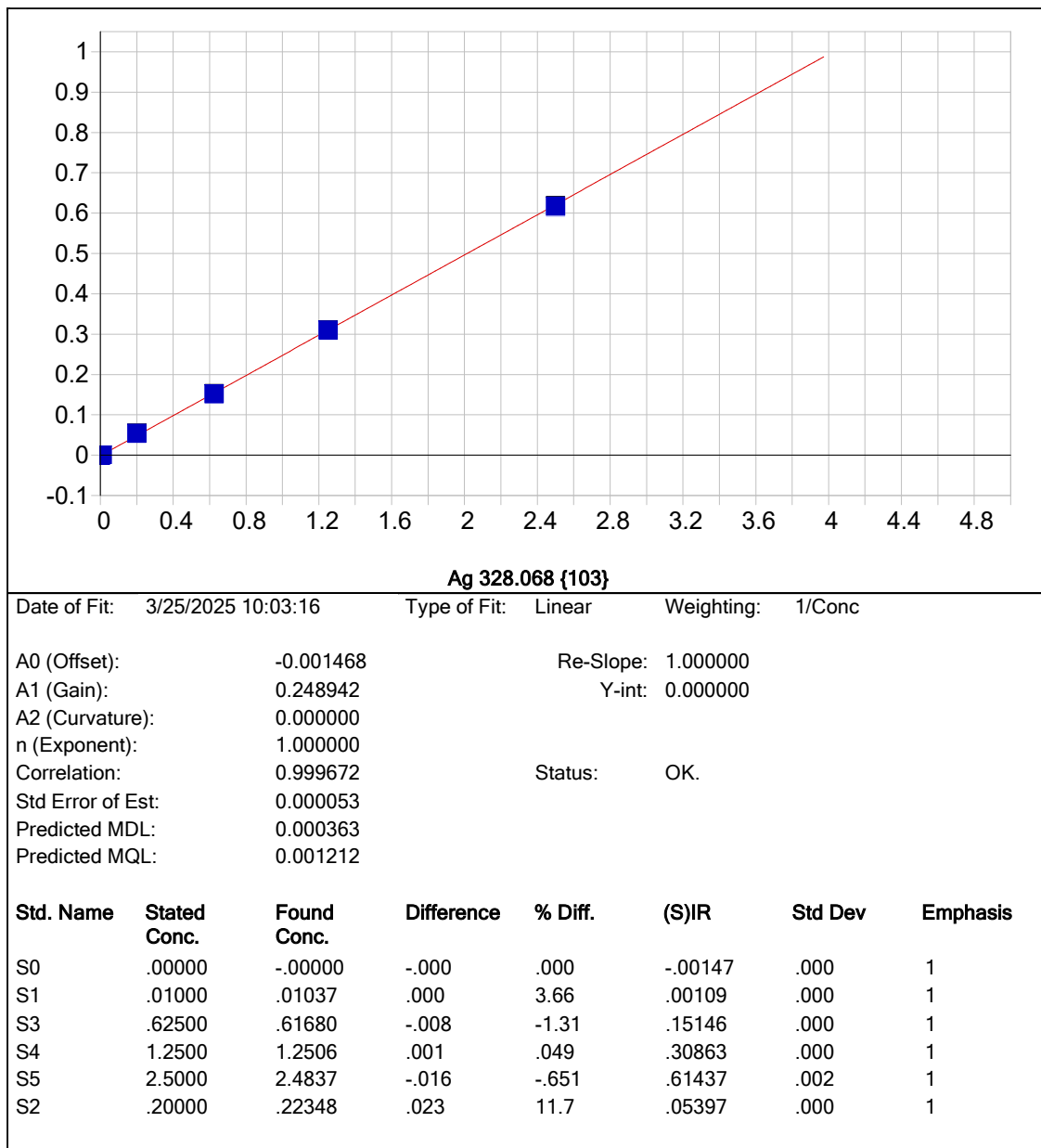
A0 (Offset): 0.000056 Re-Slope: 1.000000  
A1 (Gain): 0.004805 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999403 Status: OK.  
Std Error of Est: 0.000009  
Predicted MDL: 0.004537  
Predicted MQL: 0.015125

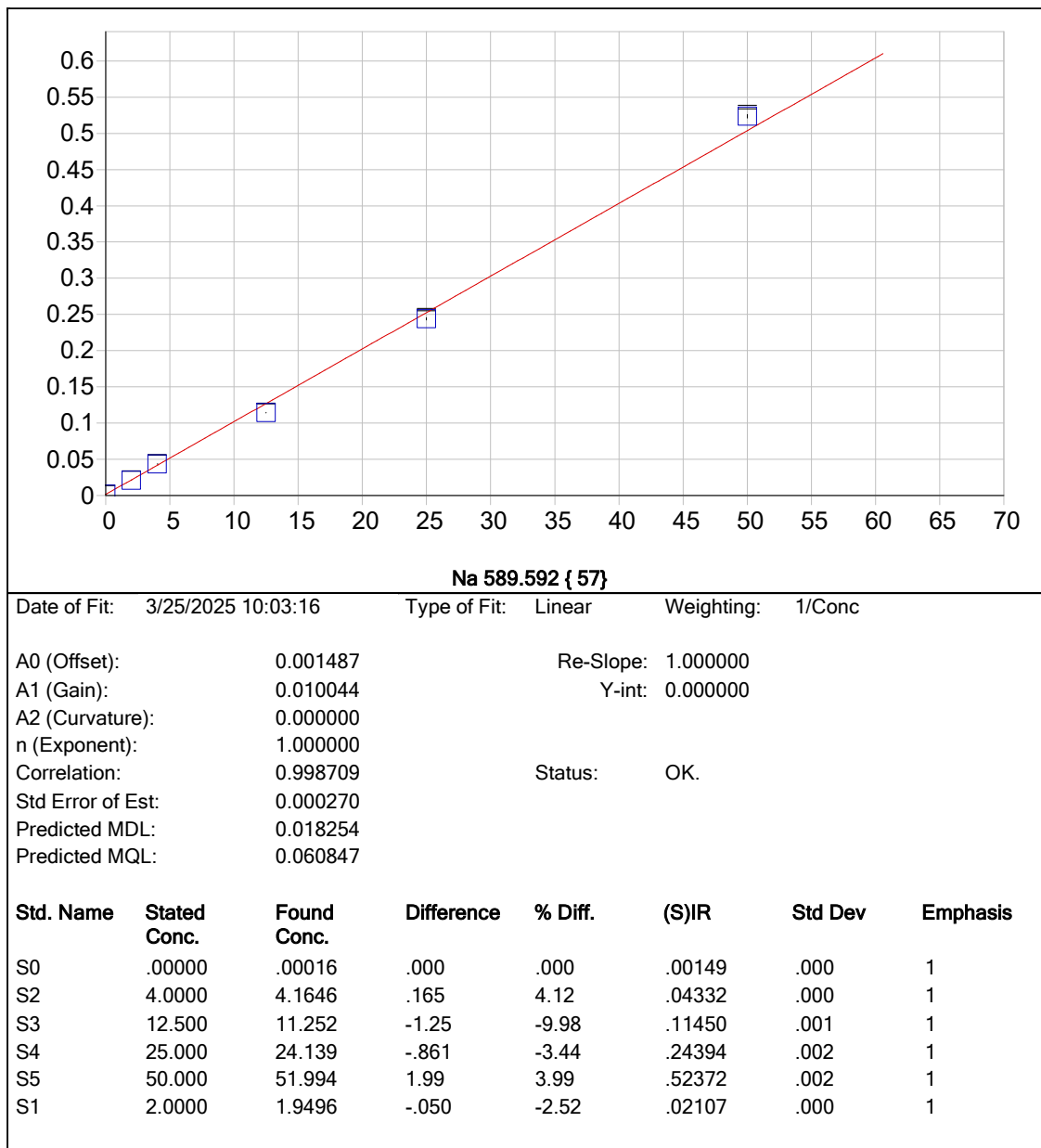
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .10000       | .09870      | -.001      | -1.30   | .00052 | .000    | 1        |
| S3        | 2.5000       | 2.3817      | -.118      | -4.73   | .01140 | .000    | 1        |
| S4        | 5.0000       | 4.9074      | -.093      | -1.85   | .02343 | .000    | 1        |
| S5        | 10.000       | 10.110      | .110       | 1.10    | .04823 | .000    | 1        |
| S2        | .80000       | .90224      | .102       | 12.8    | .00436 | .000    | 1        |

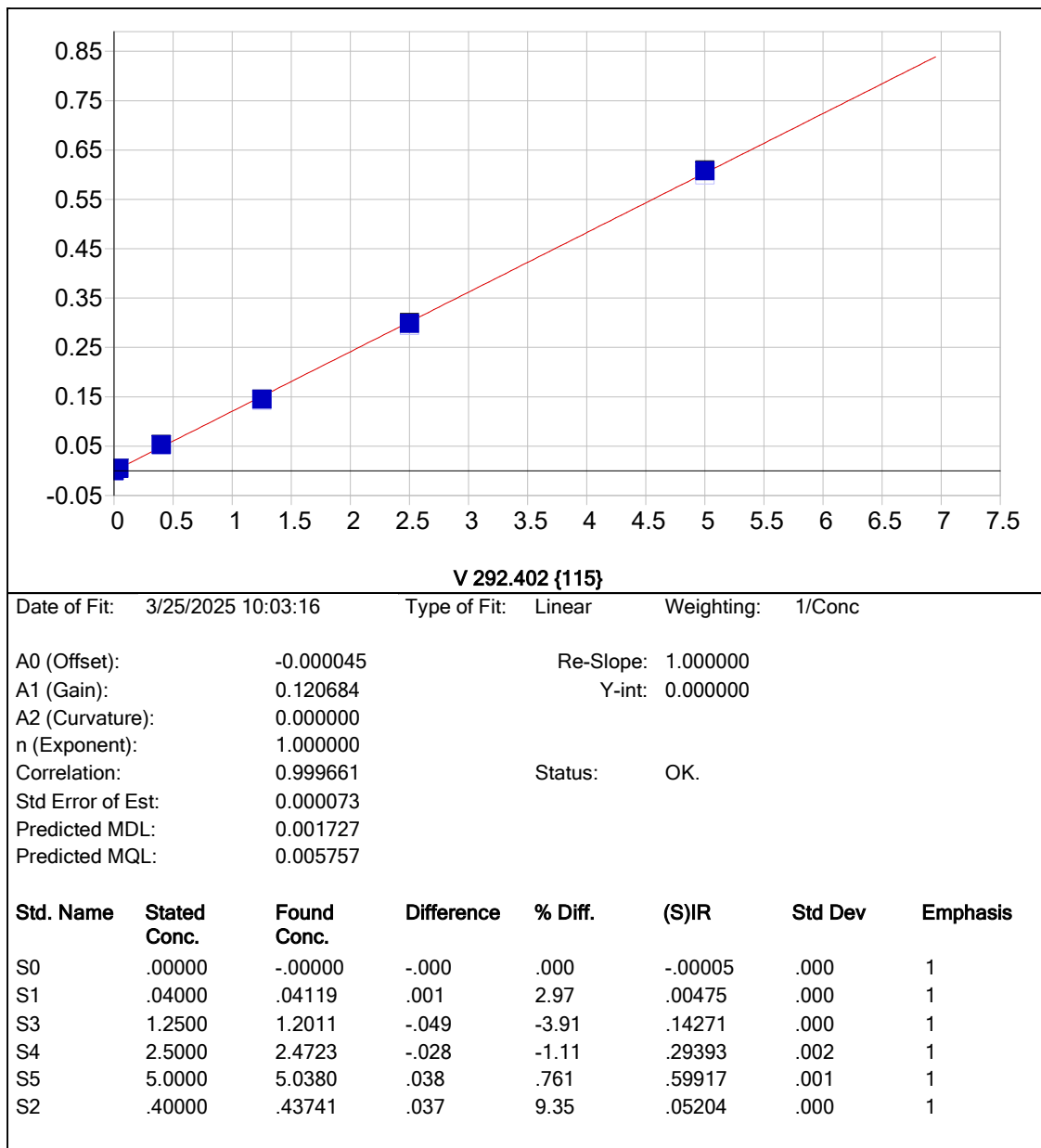




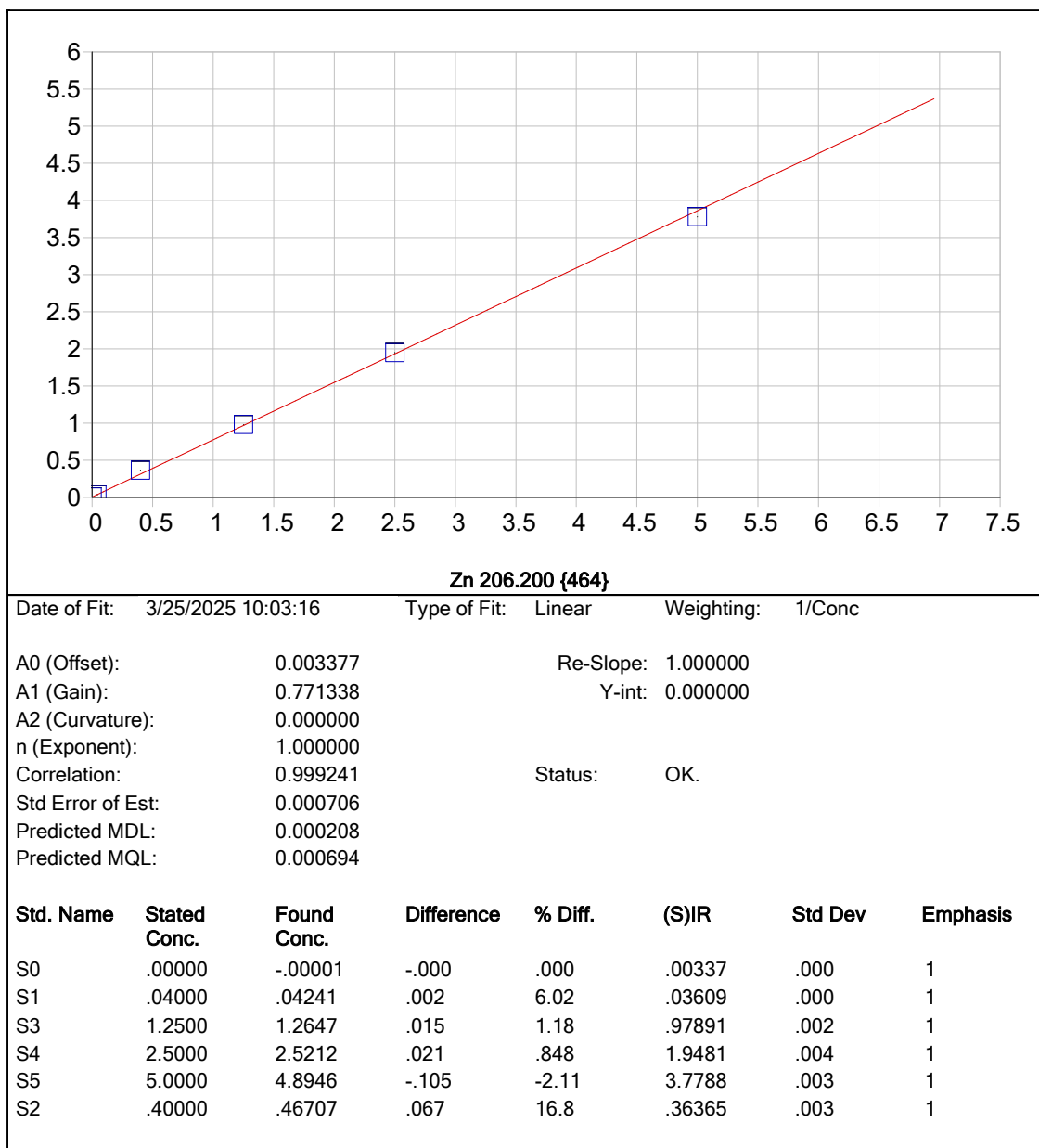


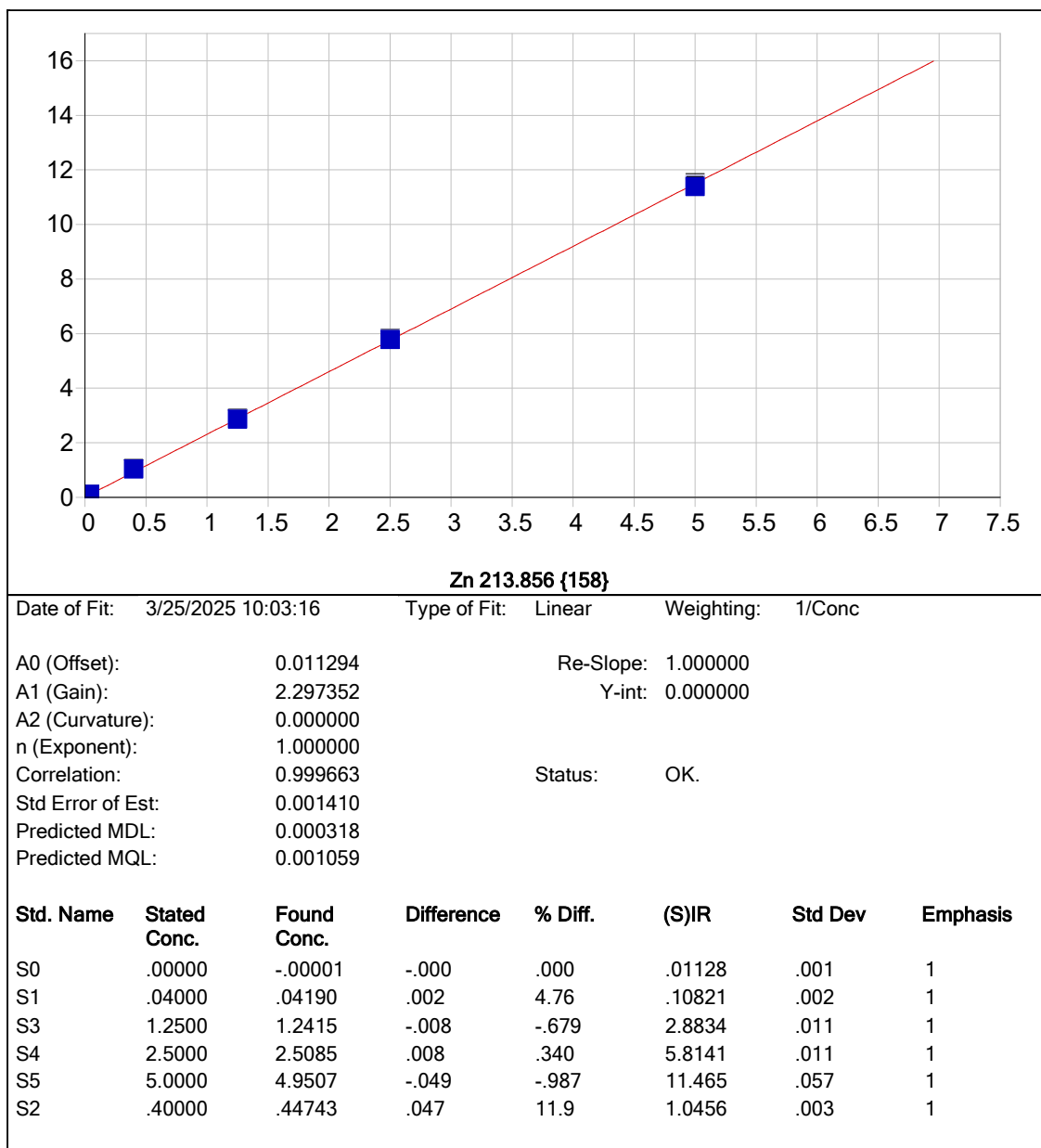


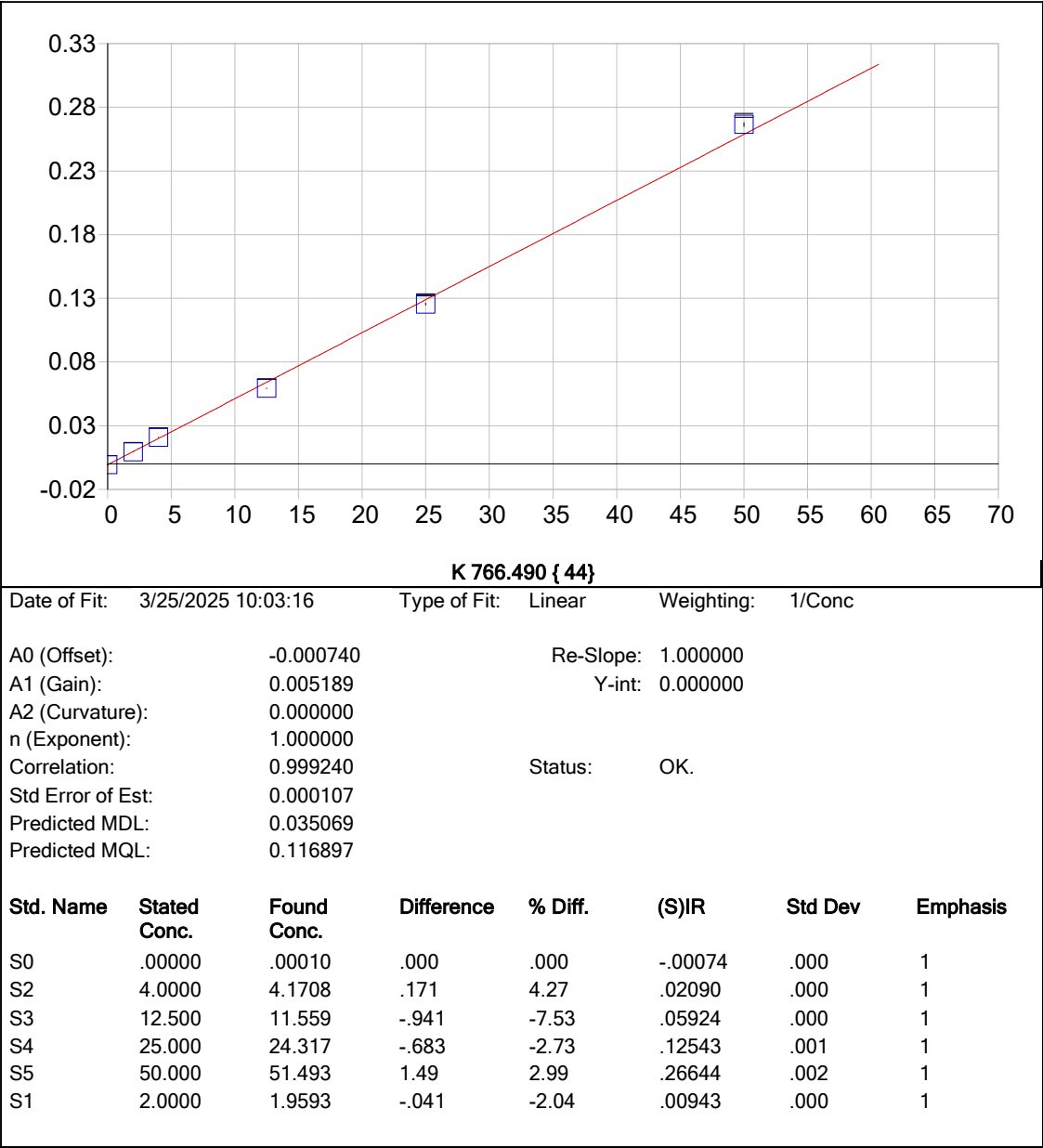


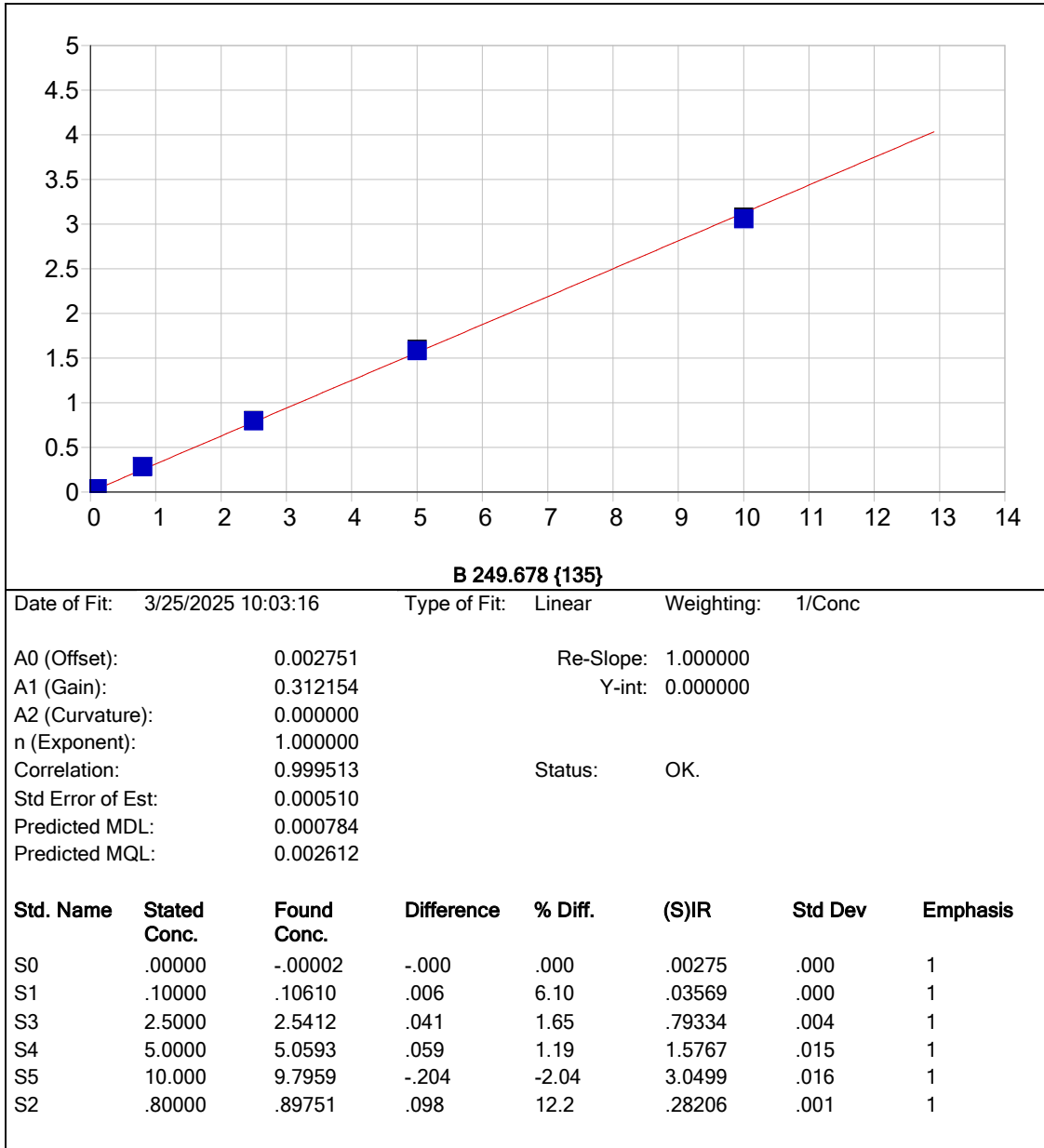


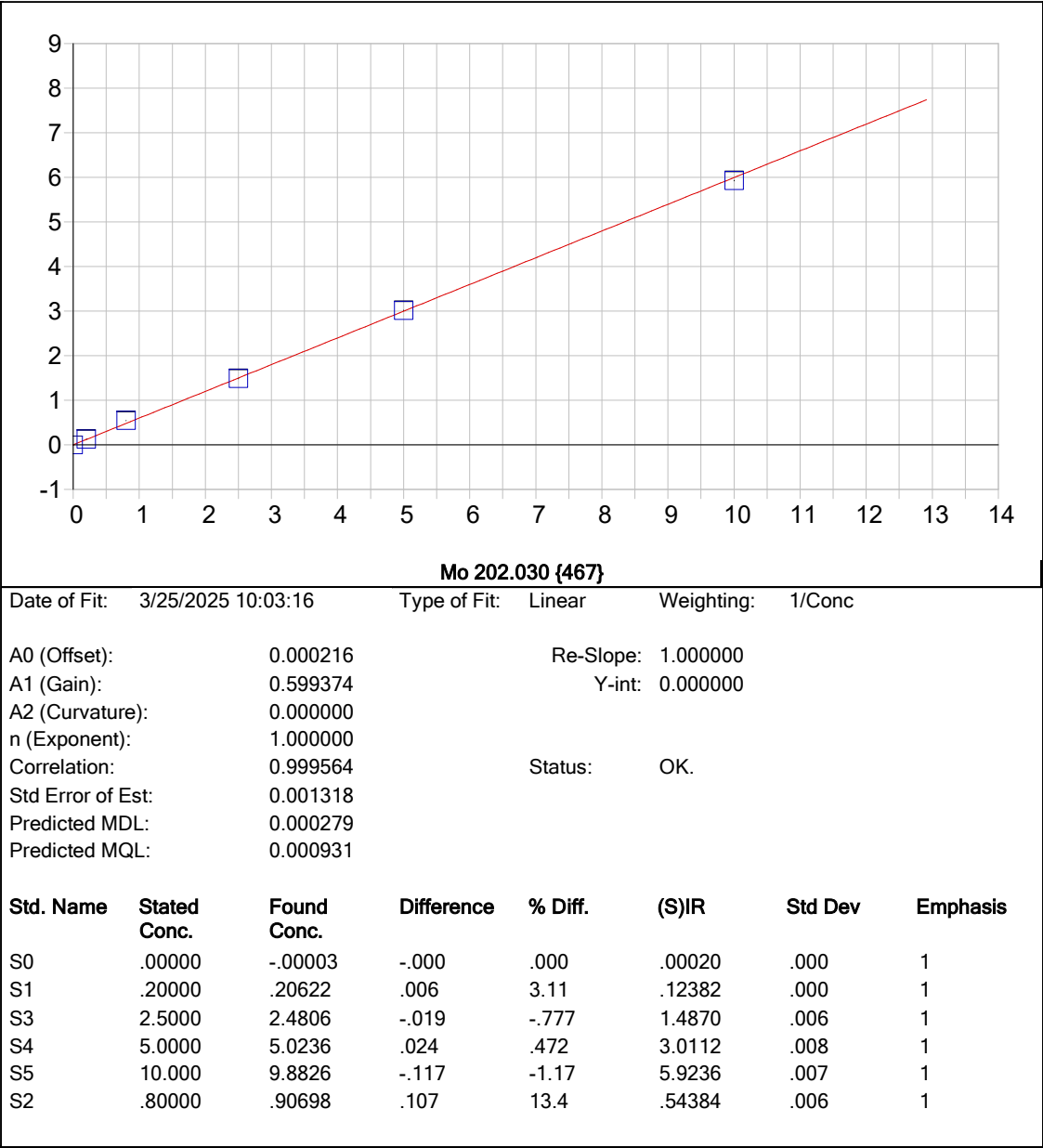


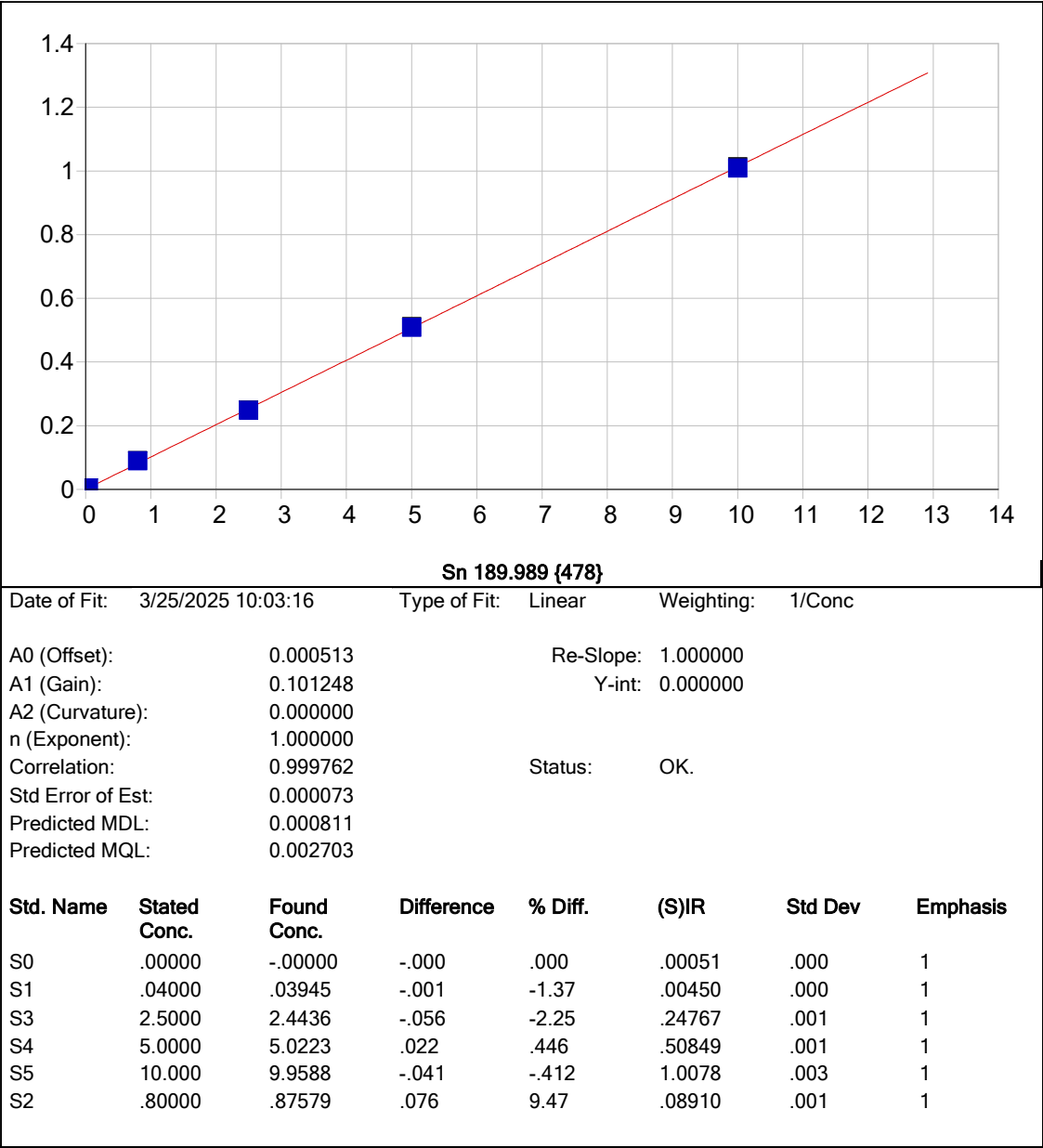


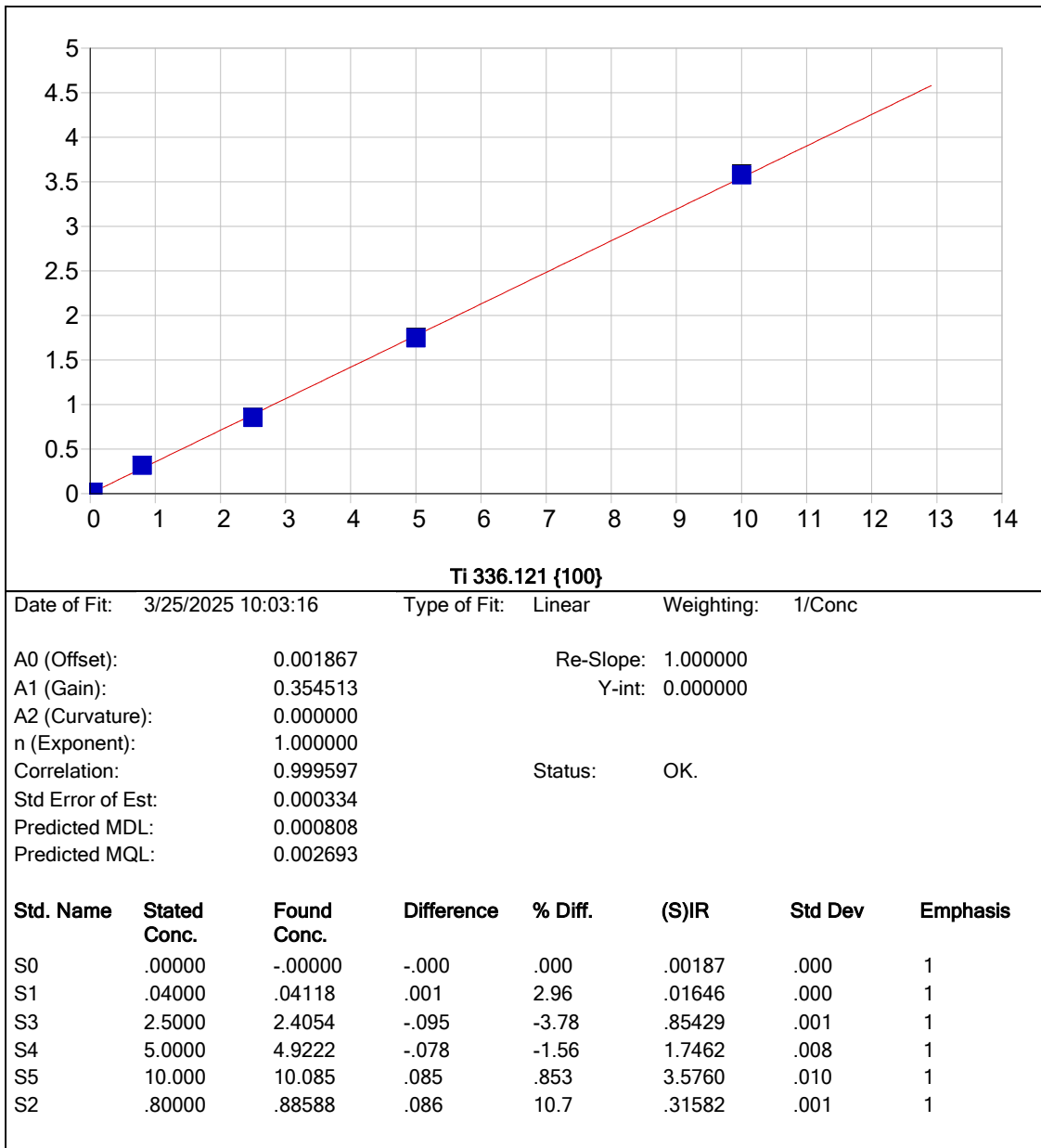


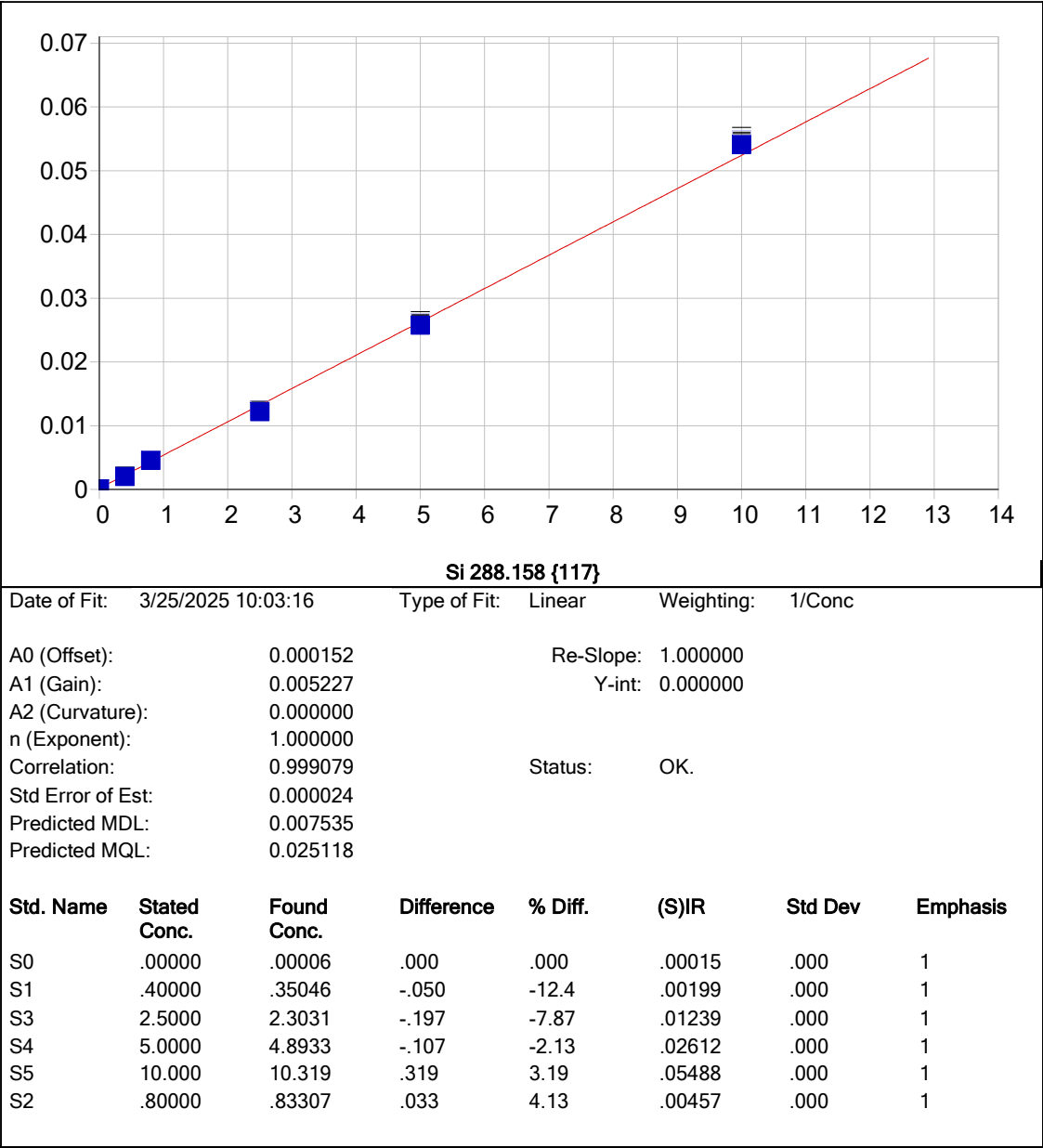




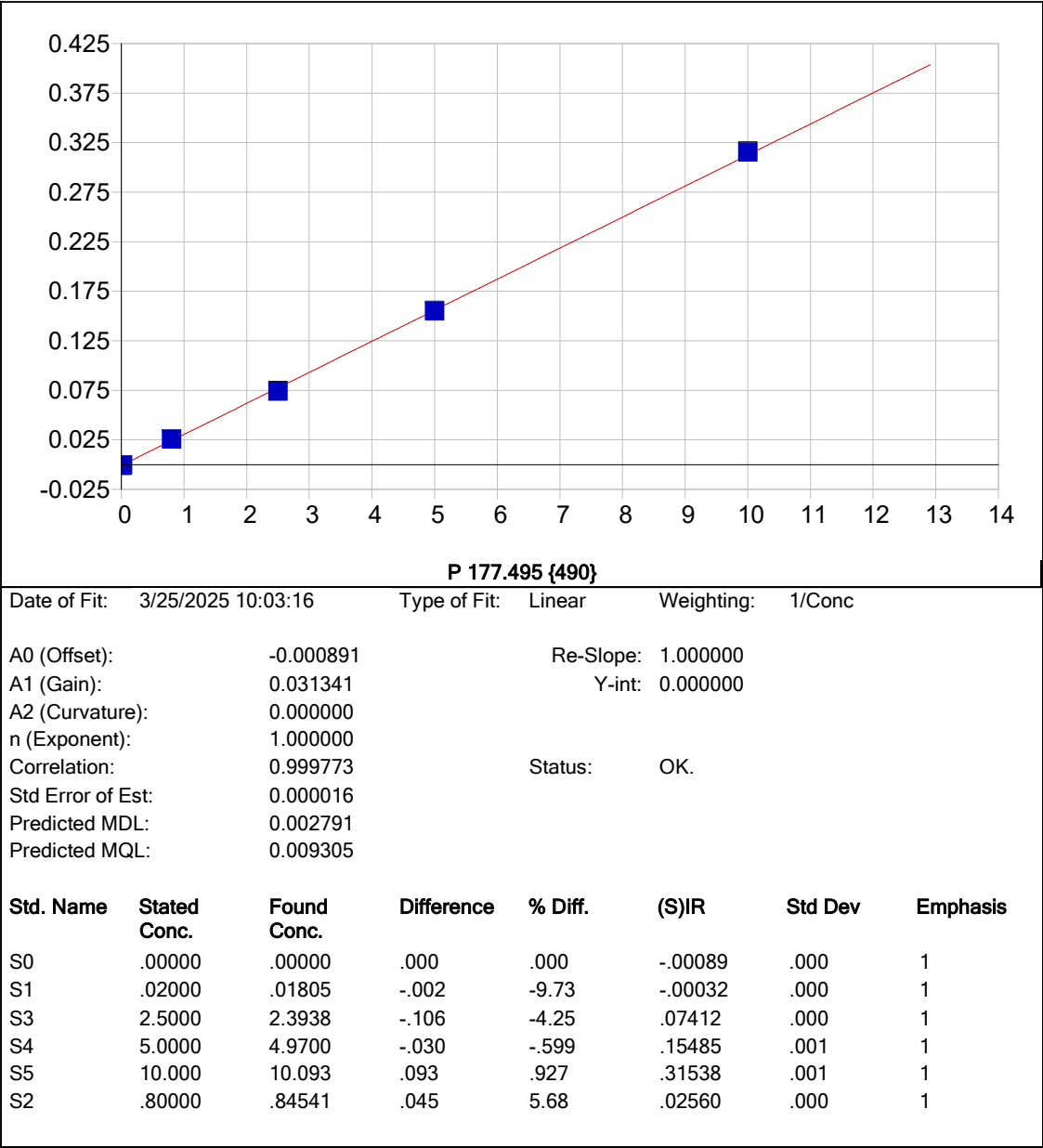


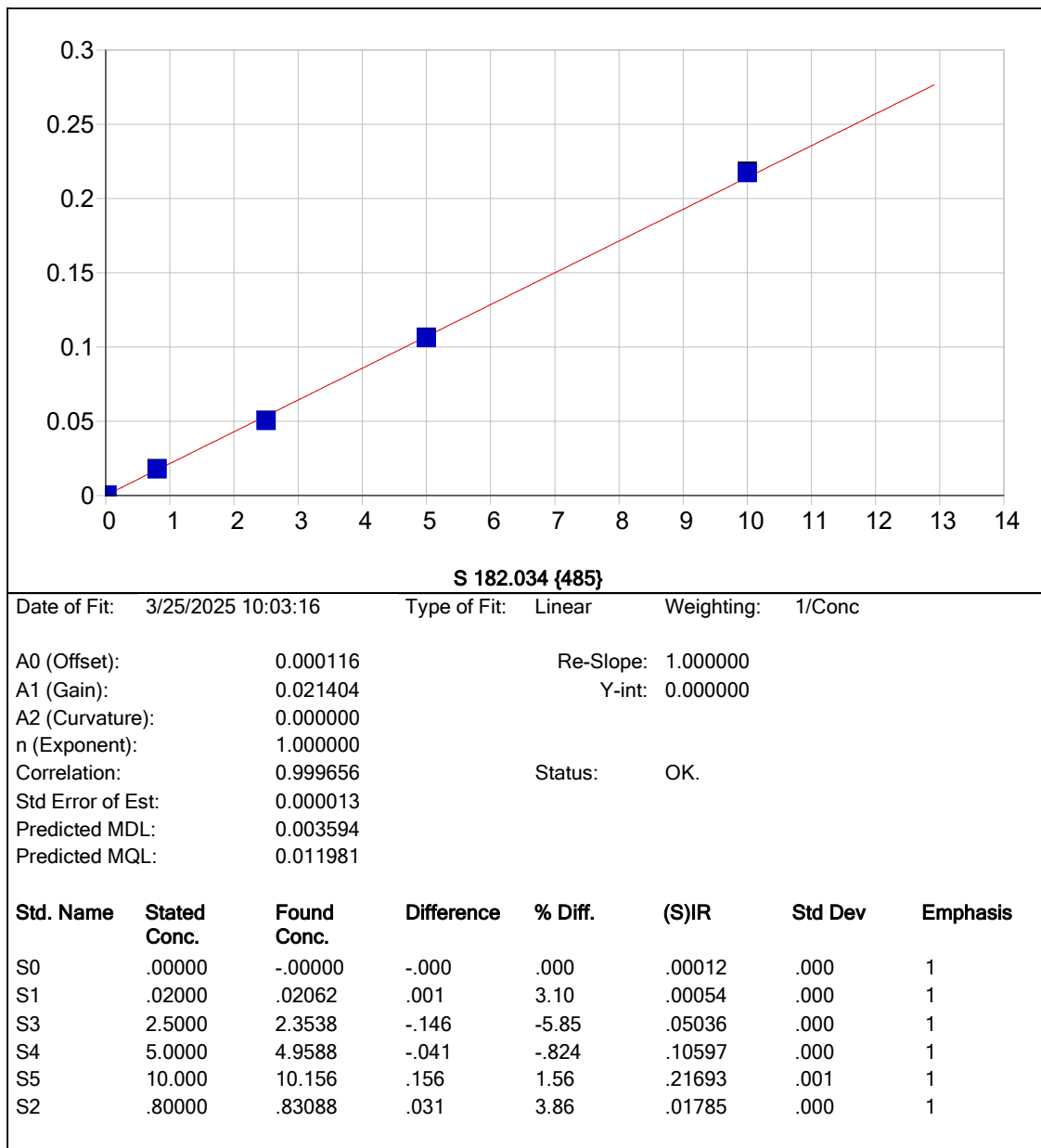


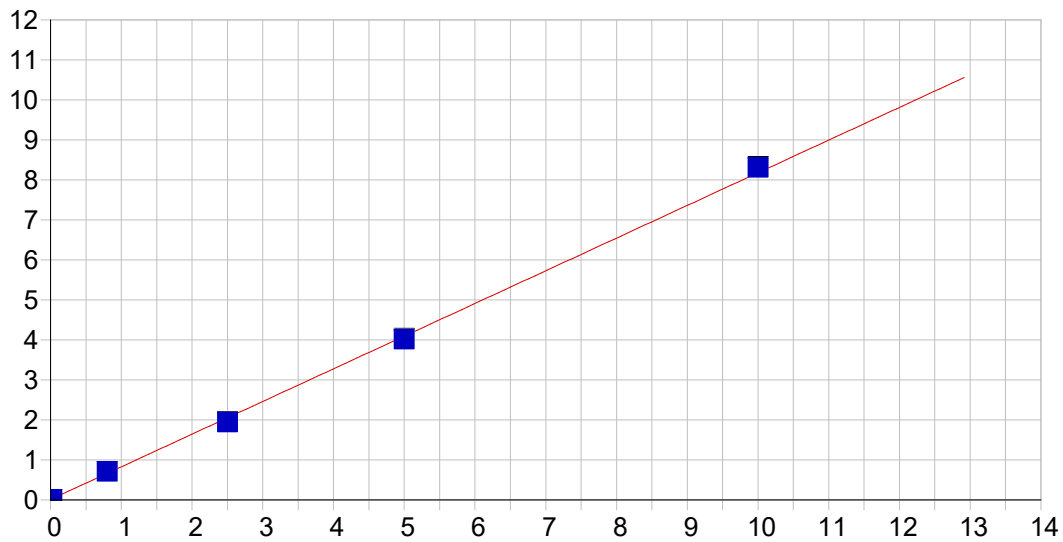










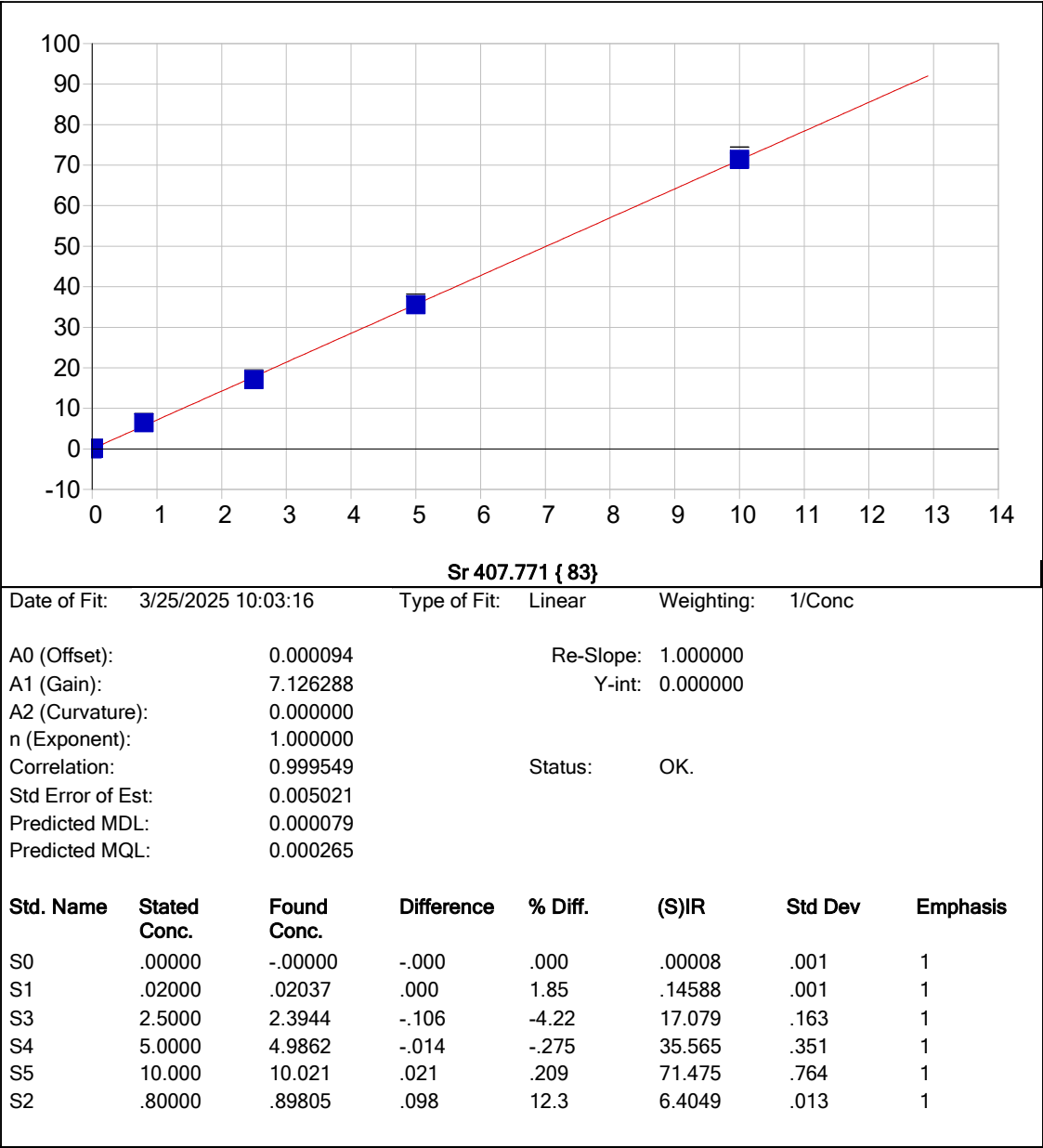


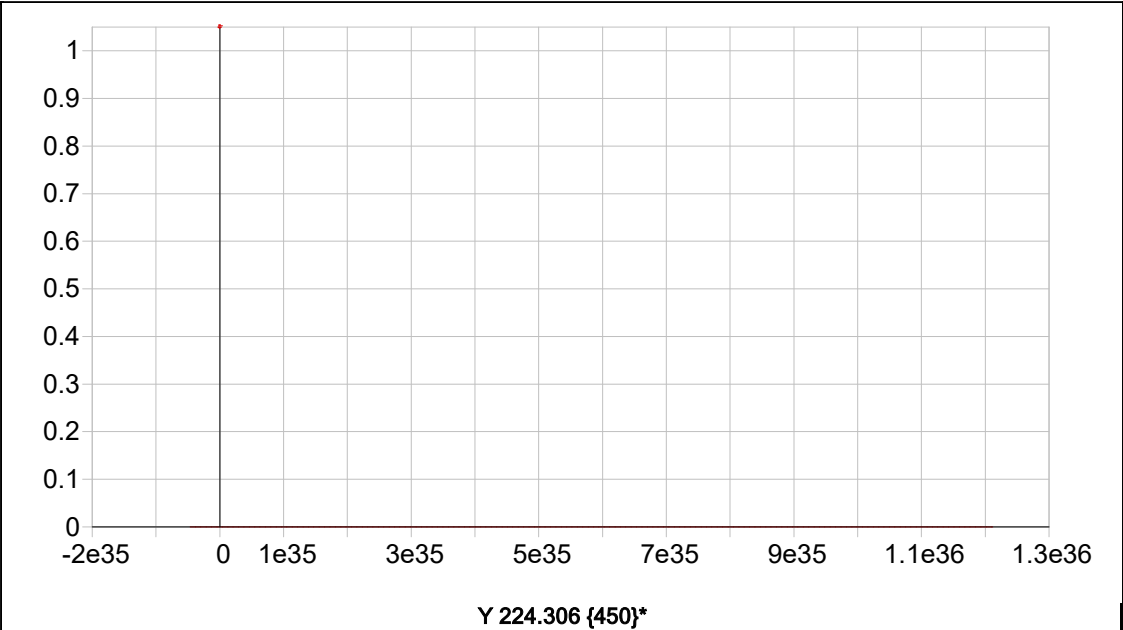
Li 670.784 { 50}

Date of Fit: 3/25/2025 10:03:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010431 Re-Slope: 1.000000  
A1 (Gain): 0.816796 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999568 Status: OK.  
Std Error of Est: 0.000563  
Predicted MDL: 0.001730  
Predicted MQL: 0.005767

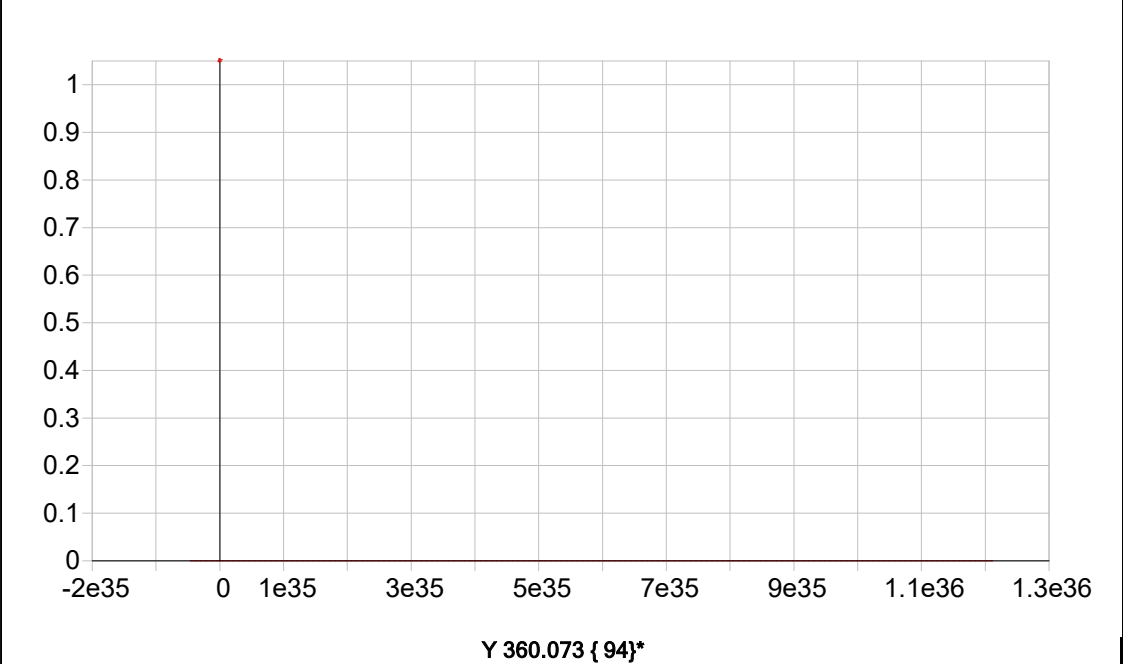
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01043 | .001    | 1        |
| S5        | 10.000       | 10.163      | .163       | 1.63    | 8.3158 | .019    | 1        |
| S4        | 5.0000       | 4.9085      | -.092      | -1.83   | 4.0217 | .016    | 1        |
| S3        | 2.5000       | 2.3699      | -.130      | -5.20   | 1.9472 | .003    | 1        |
| S1        | .02000       | .01807      | -.002      | -9.66   | .02545 | .001    | 1        |
| S2        | .80000       | .86035      | .060       | 7.54    | .71349 | .000    | 1        |



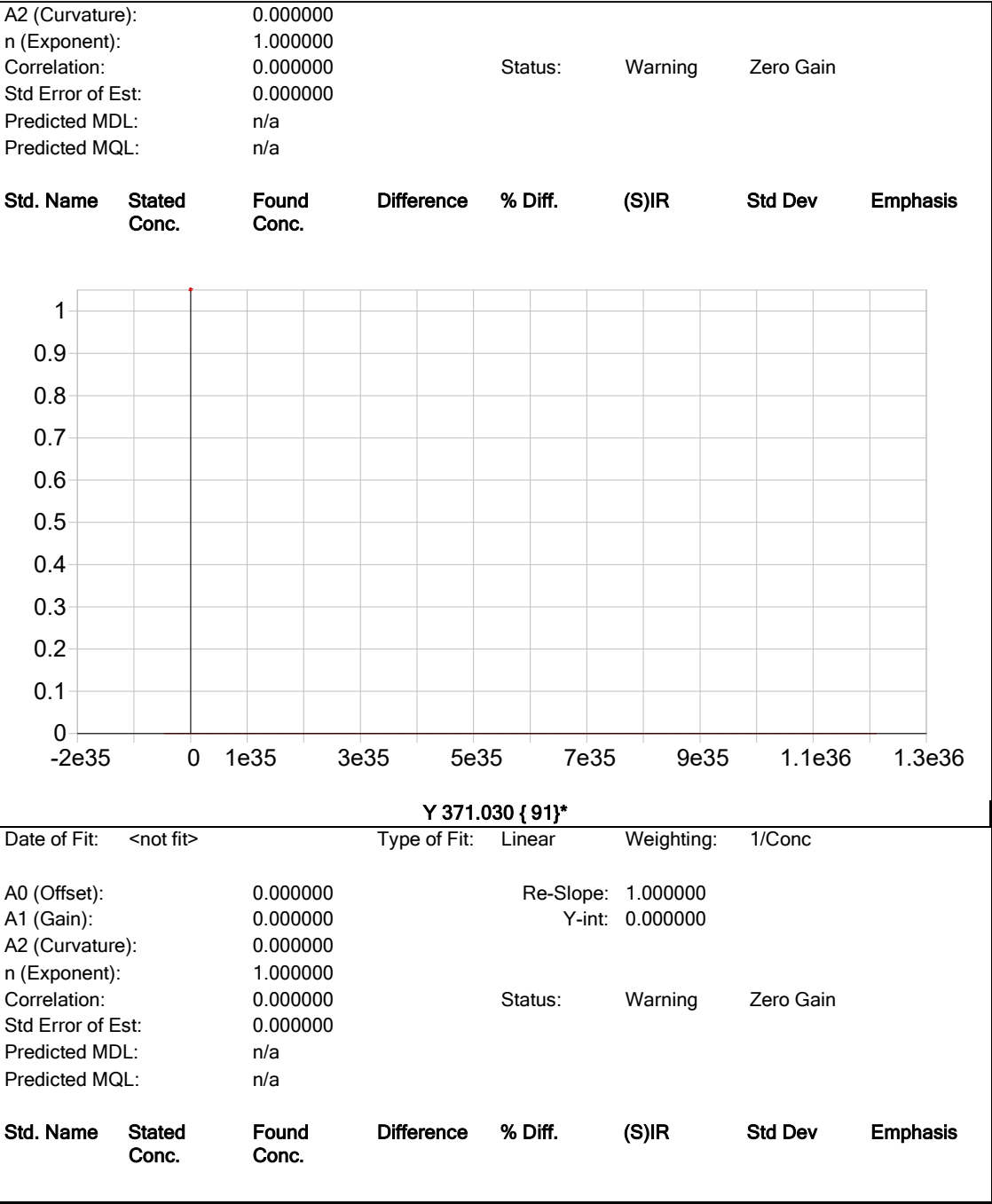


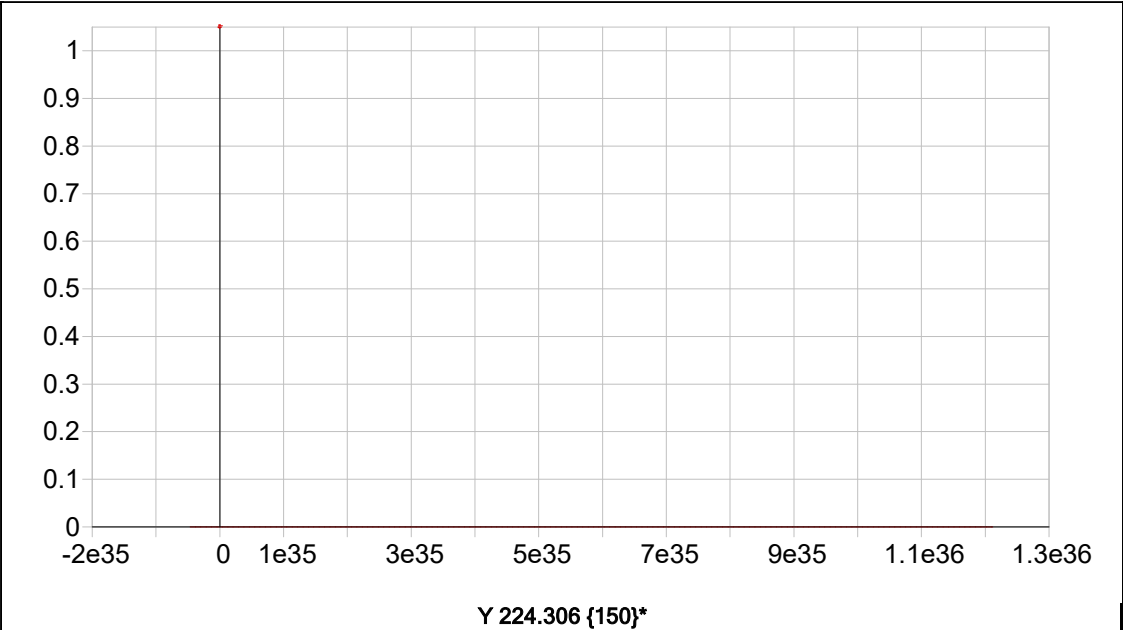
|                   |                   |              |          |            |        |
|-------------------|-------------------|--------------|----------|------------|--------|
| Date of Fit:      | 3/25/2025 9:30:49 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000          | 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 |            |        |

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| Std Error of Est: |              | 0.000000    |            |         |         |           |          |
| Predicted MDL:    |              | n/a         |            |         |         |           |          |
| Predicted MQL:    |              | n/a         |            |         |         |           |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev   | Emphasis |



Sample Name: S0      Acquired: 3/25/2025 9:38:01      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | -.00004 | -.00002 | -.00009 | .00016 | .00039 | .00050 | .04904 | -.00019 |
| Stddev | .00006  | .00007  | .00025  | .00009 | .00014 | .00005 | .00192 | .00018  |
| %RSD   | 134.67  | 375.41  | 269.19  | 57.614 | 35.076 | 10.277 | 3.9159 | 96.078  |

|    |         |         |         |        |        |        |        |         |
|----|---------|---------|---------|--------|--------|--------|--------|---------|
| #1 | .00002  | -.00010 | -.00030 | .00027 | .00042 | .00056 | .04745 | -.00039 |
| #2 | -.00007 | .00003  | -.00017 | .00011 | .00051 | .00048 | .05117 | -.00005 |
| #3 | -.00009 | .00002  | .00019  | .00010 | .00024 | .00046 | .04850 | -.00012 |

|        |        |        |        |        |         |        |        |         |
|--------|--------|--------|--------|--------|---------|--------|--------|---------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .00015 | .00064 | .00007 | .00009 | -.00034 | .00006 | .00061 | -.00016 |
| Stddev | .00005 | .00030 | .00004 | .00013 | .00033  | .00001 | .00010 | .00021  |
| %RSD   | 35.007 | 47.102 | 56.893 | 133.87 | 96.152  | 22.202 | 17.049 | 133.90  |

|    |        |        |        |         |         |        |        |         |
|----|--------|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00009 | .00056 | .00008 | -.00005 | -.00066 | .00004 | .00062 | -.00026 |
| #2 | .00018 | .00039 | .00012 | .00020  | -.00035 | .00006 | .00050 | .00008  |
| #3 | .00018 | .00097 | .00003 | .00013  | -.00001 | .00007 | .00070 | -.00029 |

|        |         |         |        |         |        |         |        |        |
|--------|---------|---------|--------|---------|--------|---------|--------|--------|
| Elem   | Ni2316  | Ag3280  | Na5895 | V_2924  | Zn2138 | K_7664  | B_2496 | Mo2020 |
| Units  | Cts/S   | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | -.00024 | -.00147 | .00149 | -.00005 | .01128 | -.00074 | .00275 | .00020 |
| Stddev | .00014  | .00007  | .00009 | .00020  | .00064 | .00008  | .00006 | .00023 |
| %RSD   | 58.906  | 4.9173  | 5.8233 | 452.17  | 5.7026 | 10.817  | 2.0889 | 116.46 |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00039 | -.00144 | .00158 | .00011  | .01124 | -.00080 | .00276 | .00037  |
| #2 | -.00012 | -.00142 | .00142 | .00003  | .01066 | -.00078 | .00268 | .00028  |
| #3 | -.00020 | -.00155 | .00146 | -.00028 | .01194 | -.00065 | .00279 | -.00006 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .00051 | .00187 | .00015 | -.00089 | .00012 | .01043 | .00008 |  |
| Stddev | .00002 | .00021 | .00000 | .00002  | .00006 | .00123 | .00061 |  |
| %RSD   | 4.1033 | 11.105 | 1.0093 | 2.3981  | 50.211 | 11.756 | 764.35 |  |

|    |        |        |        |         |        |        |         |  |
|----|--------|--------|--------|---------|--------|--------|---------|--|
| #1 | .00053 | .00168 | .00015 | -.00087 | .00012 | .01021 | .00021  |  |
| #2 | .00049 | .00209 | .00015 | -.00091 | .00017 | .01176 | -.00058 |  |
| #3 | .00052 | .00182 | .00015 | -.00090 | .00006 | .00933 | .00062  |  |

Sample Name: S0      Acquired: 3/25/2025 9:38:01      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3514.5 | 79007. | 14174. | 2505.4 | 5394.9 |
| Stddev    | 2.4    | 95.    | 60.    | 2.0    | 12.4   |
| %RSD      | .06861 | .12028 | .42641 | .08090 | .23024 |
| #1        | 3516.8 | 78919. | 14230. | 2503.4 | 5393.0 |
| #2        | 3512.0 | 78995. | 14110. | 2507.4 | 5383.5 |
| #3        | 3514.6 | 79108. | 14181. | 2505.3 | 5408.1 |

Sample Name: S1      Acquired: 3/25/2025 9:42:24      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .00090 | .00222 | .00210 | .00122 | .00625 | .00758 | .26153 | .01874 |
| Stddev | .00012 | .00010 | .00018 | .00003 | .00023 | .00037 | .00095 | .00012 |
| %RSD   | 13.175 | 4.7046 | 8.4869 | 2.7819 | 3.7393 | 4.9126 | .36380 | .62780 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00089 | .00218 | .00193 | .00125 | .00642 | .00715 | .26081 | .01862 |
| #2 | .00102 | .00215 | .00207 | .00124 | .00599 | .00772 | .26261 | .01875 |
| #3 | .00078 | .00234 | .00229 | .00119 | .00635 | .00785 | .26117 | .01886 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01271 | .10837 | .00162 | .02318 | .01389 | .00052 | .00970 | .02743 |
| Stddev | .00016 | .00050 | .00005 | .00018 | .00011 | .00002 | .00011 | .00017 |
| %RSD   | 1.2266 | .46337 | 3.2717 | .79507 | .77598 | 3.5556 | 1.0963 | .63710 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01275 | .10884 | .00163 | .02318 | .01377 | .00051 | .00974 | .02725 |
| #2 | .01253 | .10843 | .00167 | .02300 | .01393 | .00052 | .00958 | .02743 |
| #3 | .01283 | .10784 | .00157 | .02337 | .01397 | .00054 | .00977 | .02760 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02110 | .00109 | .02107 | .00475 | .10821 | .00943 | .03569 | .12382 |
| Stddev | .00020 | .00006 | .00019 | .00015 | .00181 | .00013 | .00036 | .00021 |
| %RSD   | .93700 | 5.0367 | .89497 | 3.1380 | 1.6758 | 1.4054 | 1.0193 | .17152 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02093 | .00107 | .02122 | .00482 | .10816 | .00958 | .03528 | .12365 |
| #2 | .02105 | .00106 | .02086 | .00457 | .10642 | .00938 | .03582 | .12375 |
| #3 | .02131 | .00116 | .02113 | .00484 | .11004 | .00932 | .03597 | .12405 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .00450 | .01646 | .00199 | -.00032 | .00054 | .02545 | .14588 |  |
| Stddev | .00005 | .00016 | .00004 | .00007  | .00002 | .00106 | .00093 |  |
| %RSD   | 1.1198 | .99059 | 2.1170 | 22.373  | 2.8235 | 4.1482 | .63713 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00453 | .01627 | .00195 | -.00034 | .00056 | .02610 | .14621 |  |
| #2 | .00445 | .01656 | .00204 | -.00024 | .00053 | .02602 | .14483 |  |
| #3 | .00454 | .01654 | .00197 | -.00039 | .00053 | .02423 | .14660 |  |

Sample Name: S1      Acquired: 3/25/2025 9:42:24      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3473.5 | 77243. | 14654. | 2447.6 | 5277.0 |
| Stddev    | 9.6    | 391.   | 68.    | 20.1   | 13.3   |
| %RSD      | .27743 | .50591 | .46677 | .82047 | .25199 |
| #1        | 3478.6 | 76836. | 14732. | 2435.7 | 5283.6 |
| #2        | 3479.6 | 77615. | 14623. | 2470.8 | 5285.7 |
| #3        | 3462.4 | 77280. | 14606. | 2436.4 | 5261.7 |

Sample Name: S2      Acquired: 3/25/2025 9:46:42      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .04021 | .05105 | .15957 | .04292 | .10185 | .12307 | 3.7064 | .13565 |
| Stddev | .00019 | .00043 | .00147 | .00051 | .00110 | .00065 | .0048  | .00064 |
| %RSD   | .48041 | .83482 | .91964 | 1.1911 | 1.0802 | .52576 | .12860 | .46923 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04017 | .05083 | .15908 | .04257 | .10119 | .12280 | 3.7028 | .13506 |
| #2 | .04003 | .05078 | .15841 | .04269 | .10125 | .12381 | 3.7118 | .13555 |
| #3 | .04041 | .05154 | .16122 | .04350 | .10312 | .12261 | 3.7046 | .13633 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .94355 | .23352 | .02843 | .34372 | .14553 | .00436 | .20198 | .05564 |
| Stddev | .00779 | .00047 | .00005 | .00311 | .00131 | .00006 | .00034 | .00014 |
| %RSD   | .82570 | .20239 | .19042 | .90506 | .90181 | 1.3119 | .16822 | .25299 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93886 | .23403 | .02839 | .34174 | .14501 | .00437 | .20163 | .05571 |
| #2 | .93924 | .23311 | .02849 | .34211 | .14456 | .00441 | .20231 | .05548 |
| #3 | .95254 | .23341 | .02843 | .34730 | .14702 | .00430 | .20199 | .05573 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .23794 | .05397 | .04332 | .05204 | 1.0456 | .02090 | .28206 | .54384 |
| Stddev | .00214 | .00015 | .00005 | .00013 | .0030  | .00009 | .00059 | .00584 |
| %RSD   | .89980 | .28093 | .10539 | .24670 | .28473 | .44776 | .20843 | 1.0741 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23674 | .05414 | .04334 | .05210 | 1.0475 | .02081 | .28215 | .54091 |
| #2 | .23666 | .05388 | .04326 | .05213 | 1.0422 | .02100 | .28143 | .54004 |
| #3 | .24041 | .05388 | .04335 | .05189 | 1.0471 | .02089 | .28259 | .55056 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .08910 | .31582 | .00457 | .02560 | .01785 | .71349 | 6.4049 |  |
| Stddev | .00075 | .00078 | .00001 | .00023 | .00009 | .00027 | .0130  |  |
| %RSD   | .83977 | .24842 | .30134 | .88521 | .51722 | .03844 | .20317 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .08845 | .31497 | .00457 | .02556 | .01781 | .71376 | 6.3991 |  |
| #2 | .08893 | .31599 | .00458 | .02540 | .01780 | .71351 | 6.4198 |  |
| #3 | .08992 | .31651 | .00455 | .02585 | .01796 | .71321 | 6.3957 |  |

Sample Name: S2      Acquired: 3/25/2025 9:46:42      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3400.7 | 77758. | 14667. | 2387.3 | 5116.4 |
| Stddev    | 29.8   | 256.   | 19.    | 6.2    | 41.6   |
| %RSD      | .87528 | .32918 | .13012 | .25972 | .81391 |
| #1        | 3415.6 | 77481. | 14683. | 2383.7 | 5136.7 |
| #2        | 3420.2 | 77808. | 14674. | 2394.5 | 5143.9 |
| #3        | 3366.5 | 77986. | 14646. | 2383.7 | 5068.5 |

Sample Name: S3      Acquired: 3/25/2025 9:50:45      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .11167 | .13967 | .44236 | .11920 | .28341 | .34428 | 9.8820 | .38605 |
| Stddev | .00055 | .00067 | .00195 | .00030 | .00129 | .00071 | .0161  | .00223 |
| %RSD   | .49599 | .47613 | .44183 | .25490 | .45438 | .20613 | .16256 | .57667 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11139 | .13943 | .44065 | .11907 | .28263 | .34347 | 9.8695 | .38753 |
| #2 | .11131 | .14043 | .44193 | .11898 | .28270 | .34480 | 9.8764 | .38349 |
| #3 | .11231 | .13916 | .44449 | .11954 | .28490 | .34456 | 9.9001 | .38713 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.6124 | .63209 | .07936 | .94785 | .39363 | .01140 | .54154 | .15369 |
| Stddev | .0083  | .00104 | .00005 | .00411 | .00143 | .00006 | .00158 | .00028 |
| %RSD   | .31840 | .16499 | .06518 | .43371 | .36280 | .50411 | .29093 | .18125 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6073 | .63224 | .07942 | .94561 | .39313 | .01133 | .54160 | .15368 |
| #2 | 2.6080 | .63098 | .07932 | .94535 | .39251 | .01142 | .53994 | .15341 |
| #3 | 2.6220 | .63305 | .07934 | .95260 | .39523 | .01144 | .54309 | .15397 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .65375 | .15146 | .11450 | .14271 | 2.8834 | .05924 | .79334 | 1.4870 |
| Stddev | .00267 | .00009 | .00051 | .00030 | .0111  | .00022 | .00355 | .0057  |
| %RSD   | .40907 | .06088 | .44337 | .20913 | .38391 | .36980 | .44760 | .38038 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .65216 | .15136 | .11398 | .14281 | 2.8749 | .05900 | .79402 | 1.4842 |
| #2 | .65225 | .15149 | .11499 | .14237 | 2.8795 | .05943 | .78949 | 1.4833 |
| #3 | .65684 | .15154 | .11454 | .14294 | 2.8959 | .05928 | .79649 | 1.4935 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .24767 | .85429 | .01239 | .07412 | .05036 | 1.9472 | 17.079 |  |
| Stddev | .00079 | .00082 | .00008 | .00047 | .00008 | .0027  | .163   |  |
| %RSD   | .31894 | .09594 | .61284 | .62764 | .16823 | .14095 | .95670 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .24681 | .85379 | .01232 | .07383 | .05034 | 1.9445 | 17.210 |  |
| #2 | .24783 | .85384 | .01247 | .07466 | .05045 | 1.9500 | 16.896 |  |
| #3 | .24836 | .85523 | .01237 | .07387 | .05028 | 1.9472 | 17.131 |  |

Sample Name: S3      Acquired: 3/25/2025 9:50:45      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3348.2 | 74855. | 14081. | 2283.6 | 4943.0 |
| Stddev    | 8.1    | 56.    | 59.    | 8.5    | 9.8    |
| %RSD      | .24190 | .07488 | .42055 | .37111 | .19741 |
| #1        | 3351.1 | 74900. | 14060. | 2292.8 | 4949.3 |
| #2        | 3354.4 | 74872. | 14148. | 2276.1 | 4948.0 |
| #3        | 3339.0 | 74792. | 14035. | 2282.0 | 4931.8 |



Sample Name: S4      Acquired: 3/25/2025 9:54:53      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .23041 | .28513 | .89752 | .24474 | .58274 | .70568 | 20.391 | .76894 |
| Stddev | .00060 | .00208 | .00077 | .00083 | .00237 | .00163 | .065   | .00840 |
| %RSD   | .25951 | .72906 | .08630 | .33752 | .40691 | .23039 | .32084 | 1.0918 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23013 | .28327 | .89755 | .24406 | .58073 | .70722 | 20.431 | .77860 |
| #2 | .23001 | .28738 | .89673 | .24450 | .58213 | .70583 | 20.315 | .76478 |
| #3 | .23110 | .28473 | .89828 | .24566 | .58536 | .70398 | 20.427 | .76344 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.3504 | 1.2842 | .15973 | 1.9334 | .79513 | .02343 | 1.0902 | .31472 |
| Stddev | .0117  | .0074  | .00022 | .0047  | .00209 | .00015 | .0083  | .00211 |
| %RSD   | .21789 | .57814 | .13936 | .24272 | .26289 | .62953 | .75995 | .67200 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3409 | 1.2927 | .15991 | 1.9317 | .79355 | .02337 | 1.0992 | .31713 |
| #2 | 5.3468 | 1.2810 | .15948 | 1.9298 | .79433 | .02360 | 1.0885 | .31381 |
| #3 | 5.3634 | 1.2789 | .15981 | 1.9387 | .79750 | .02333 | 1.0828 | .31321 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.3277 | .30863 | .24394 | .29393 | 5.8141 | .12543 | 1.5767 | 3.0112 |
| Stddev | .0041  | .00016 | .00157 | .00183 | .0106  | .00087 | .0148  | .0078  |
| %RSD   | .31177 | .05257 | .64319 | .62273 | .18234 | .69750 | .94150 | .25817 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3246 | .30847 | .24242 | .29604 | 5.8263 | .12454 | 1.5937 | 3.0040 |
| #2 | 1.3261 | .30862 | .24556 | .29278 | 5.8068 | .12629 | 1.5660 | 3.0102 |
| #3 | 1.3324 | .30879 | .24385 | .29295 | 5.8092 | .12546 | 1.5705 | 3.0195 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .50849 | 1.7462 | .02612 | .15485 | .10597 | 4.0217 | 35.565 |  |
| Stddev | .00118 | .0080  | .00030 | .00069 | .00034 | .0164  | .351   |  |
| %RSD   | .23216 | .45867 | 1.1571 | .44654 | .32486 | .40839 | .98668 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .50721 | 1.7551 | .02578 | .15434 | .10564 | 4.0395 | 35.775 |  |
| #2 | .50873 | 1.7439 | .02628 | .15458 | .10595 | 4.0184 | 35.160 |  |
| #3 | .50953 | 1.7396 | .02631 | .15564 | .10633 | 4.0072 | 35.759 |  |

Sample Name: S4      Acquired: 3/25/2025 9:54:53      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3279.7 | 73501. | 14154. | 2215.5 | 4757.4 |
| Stddev    | 2.8    | 263.   | 98.    | 2.1    | 3.1    |
| %RSD      | .08579 | .35846 | .69194 | .09581 | .06471 |
| #1        | 3280.8 | 73805. | 14043. | 2213.6 | 4756.8 |
| #2        | 3281.8 | 73342. | 14230. | 2215.2 | 4760.8 |
| #3        | 3276.5 | 73356. | 14188. | 2217.8 | 4754.7 |

Sample Name: S5      Acquired: 3/25/2025 9:59:05      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .45756 | .54993 | 1.7799 | .48191 | 1.1592 | 1.4353 | 41.664 | 1.4747 |
| Stddev | .00081 | .00434 | .0035  | .00097 | .0020  | .0038  | .280   | .0085  |
| %RSD   | .17599 | .78939 | .19537 | .20111 | .17441 | .26547 | .67207 | .57377 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .45668 | .54538 | 1.7780 | .48138 | 1.1596 | 1.4395 | 41.587 | 1.4814 |
| #2 | .45776 | .55040 | 1.7777 | .48132 | 1.1570 | 1.4347 | 41.430 | 1.4652 |
| #3 | .45825 | .55402 | 1.7839 | .48302 | 1.1610 | 1.4319 | 41.974 | 1.4775 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 10.687 | 2.5965 | .31185 | 3.8841 | 1.5557 | .04823 | 2.2026 | .63221 |
| Stddev | .020   | .0078  | .00133 | .0110  | .0023  | .00026 | .0088  | .00193 |
| %RSD   | .18903 | .29886 | .42795 | .28315 | .14971 | .54325 | .39940 | .30540 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.675 | 2.6054 | .31309 | 3.8774 | 1.5542 | .04828 | 2.2111 | .63440 |
| #2 | 10.676 | 2.5929 | .31203 | 3.8780 | 1.5546 | .04846 | 2.1935 | .63147 |
| #3 | 10.710 | 2.5912 | .31044 | 3.8967 | 1.5584 | .04794 | 2.2033 | .63076 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.6502 | .61437 | .52372 | .59917 | 11.465 | .26644 | 3.0499 | 5.9236 |
| Stddev | .0070  | .00169 | .00248 | .00140 | .057   | .00155 | .0162  | .0068  |
| %RSD   | .26613 | .27577 | .47389 | .23389 | .49571 | .58149 | .53201 | .11529 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6464 | .61478 | .52456 | .60036 | 11.501 | .26682 | 3.0584 | 5.9186 |
| #2 | 2.6458 | .61581 | .52567 | .59952 | 11.494 | .26777 | 3.0312 | 5.9208 |
| #3 | 2.6583 | .61250 | .52092 | .59762 | 11.399 | .26474 | 3.0601 | 5.9314 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 1.0078 | 3.5760 | .05488 | .31538 | .21693 | 8.3158 | 71.475 |  |
| Stddev | .0034  | .0102  | .00050 | .00085 | .00096 | .0189  | .764   |  |
| %RSD   | .33611 | .28490 | .90962 | .26852 | .44245 | .22681 | 1.0683 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.0059 | 3.5873 | .05475 | .31500 | .21632 | 8.3370 | 71.337 |  |
| #2 | 1.0058 | 3.5730 | .05543 | .31478 | .21644 | 8.3091 | 70.789 |  |
| #3 | 1.0117 | 3.5676 | .05446 | .31635 | .21804 | 8.3011 | 72.297 |  |

Sample Name: S5      Acquired: 3/25/2025 9:59:05      Type: Cal  
Method: NON EPA-6010-200.7(v2843)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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       | 3191.2 | 72067. | 14236. | 2143.9 | 4521.5 |
| Stddev    | 2.9    | 327.   | 80.    | 6.7    | 7.0    |
| %RSD      | .09180 | .45316 | .56214 | .31055 | .15401 |
| #1        | 3189.3 | 71793. | 14164. | 2136.8 | 4521.8 |
| #2        | 3194.5 | 71980. | 14322. | 2145.1 | 4528.3 |
| #3        | 3189.7 | 72428. | 14222. | 2150.0 | 4514.4 |

Sample Name: ICV01      Acquired: 3/25/2025 10:03:24      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9891277 | 1.039311 | .9751114 | 1.022673 | 1.000583 | 2.457019 |
| Stddev | .0012737 | .003947  | .0029674 | .004127  | .004788  | .012871  |
| %RSD   | .1287745 | .3797234 | .3043165 | .4035669 | .4784931 | .5238330 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9897622 | 1.034767 | .9768675 | 1.026435 | 1.006077 | 2.446588 |
| #2 | .9899596 | 1.041880 | .9716853 | 1.018258 | .997302  | 2.471402 |
| #3 | .9876613 | 1.041287 | .9767816 | 1.023324 | .998370  | 2.453066 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4927725 | .4704754 | .4937741 | 9.776603 | .5182136 | .5048655 |
| Stddev | .0015251 | .0016340 | .0005937 | .026673  | .0022102 | .0013121 |
| %RSD   | .3094917 | .3473031 | .1202370 | .2728234 | .4265120 | .2598907 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4918873 | .4688518 | .4941967 | 9.746139 | .5185943 | .5054338 |
| #2 | .4945335 | .4721196 | .4930953 | 9.787910 | .5158377 | .5033651 |
| #3 | .4918966 | .4704549 | .4940303 | 9.795760 | .5202087 | .5057977 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5263282 | 9.992215 | .4983833 | 5.718151 | .5079354 | .2531458 |
| Stddev | .0012677 | .038379  | .0020971 | .037048  | .0019183 | .0006023 |
| %RSD   | .2408598 | .3840874 | .4207803 | .6479003 | .3776657 | .2379340 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5271285 | 9.949528 | .4962319 | 5.679116 | .5084082 | .2531037 |
| #2 | .5248666 | 10.00325 | .5004215 | 5.752826 | .5058250 | .2525656 |
| #3 | .5269894 | 10.02387 | .4984964 | 5.722509 | .5095732 | .2537680 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.648541 | .4827406 | 1.009765 | 9.901013 | F 2.170268 | 2.380235 |
| Stddev | .026392  | .0026235 | .003906  | .044352  | .007094    | .001716  |
| %RSD   | .2735292 | .5434574 | .3868335 | .4479545 | .3268765   | .0720911 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.621018 | .4797587 | 1.007816 | 9.851159 | 2.164796 | 2.381676 |
| #2 | 9.650970 | .4837690 | 1.007217 | 9.915789 | 2.178283 | 2.378337 |
| #3 | 9.673634 | .4846941 | 1.014262 | 9.936091 | 2.167726 | 2.380692 |

Sample Name: ICV01      Acquired: 3/25/2025 10:03:24      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | 2.278875 | 2.268235 | F 1.964882 | F .0005916 | F -.000517 | F .0015339 |
| Stddev | .001774  | .004267  | .002815    | .0004486   | .002149    | .0009823   |
| %RSD   | .0778555 | .1881414 | .1432687   | 75.82410   | 415.6241   | 64.03879   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.279746 | 2.263637 | 1.967974 | .0011014 | .001792  | .0016615 |
| #2 | 2.276833 | 2.272068 | 1.962466 | .0002575 | -.002458 | .0004941 |
| #3 | 2.280045 | 2.269002 | 1.964206 | .0004159 | -.000886 | .0024462 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.007321 |
| Stddev | .000100    |
| %RSD   | 1.368597   |

|    |          |
|----|----------|
| #1 | -.007273 |
| #2 | -.007254 |
| #3 | -.007437 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3398.903 | 77058.88 | 15702.47 | 2318.115 | 5136.524 |
| Stddev    | 6.217    | 241.09   | 59.05    | 15.163   | 8.658    |
| %RSD      | .1829147 | .3128586 | .3760406 | .6541020 | .1685609 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3394.612 | 77260.77 | 15760.89 | 2323.085 | 5135.710 |
| #2 | 3406.032 | 77123.92 | 15642.82 | 2330.169 | 5145.561 |
| #3 | 3396.063 | 76791.95 | 15703.71 | 2301.091 | 5128.302 |

Sample Name: LLICV01      Acquired: 3/25/2025 10:14:07      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0185457 | .0395275 | .0111694 | .0216614 | .0517942 | .0976658 |
| Stddev | .0015242 | .0001916 | .0005689 | .0005932 | .0010497 | .0042272 |
| %RSD   | 8.218593 | .4846592 | 5.092997 | 2.738717 | 2.026780 | 4.328238 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0196729 | .0395829 | .0118263 | .0210556 | .0529055 | .1019117 |
| #2 | .0191525 | .0396853 | .0108439 | .0216872 | .0516577 | .0934576 |
| #3 | .0168115 | .0393143 | .0108381 | .0222413 | .0508194 | .0976280 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0910829 | .0058339 | .0057354 | 1.975327 | .0095036 | .0291579 |
| Stddev | .0010315 | .0000462 | .0000922 | .003063  | .0003417 | .0002988 |
| %RSD   | 1.132503 | .7915048 | 1.607755 | .1550393 | 3.595860 | 1.024578 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0922473 | .0058812 | .0056961 | 1.972367 | .0098500 | .0291010 |
| #2 | .0902834 | .0058316 | .0056693 | 1.978483 | .0091667 | .0288917 |
| #3 | .0907181 | .0057890 | .0058407 | 1.975132 | .0094939 | .0294810 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0227275 | .0954075 | .0187553 | 2.086861 | .0390218 | .0108986 |
| Stddev | .0000326 | .0019045 | .0005049 | .007422  | .0002500 | .0001360 |
| %RSD   | .1433689 | 1.996150 | 2.692228 | .3556478 | .6406737 | 1.247559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0227507 | .0933727 | .0191264 | 2.078321 | .0391256 | .0109160 |
| #2 | .0226903 | .0971473 | .0181803 | 2.090506 | .0387366 | .0107548 |
| #3 | .0227417 | .0957025 | .0189592 | 2.091756 | .0392031 | .0110251 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.868054 | .0393478 | .0430405 | 1.994445 | .1013121 | .2115488 |
| Stddev | .017324  | .0015341 | .0002214 | .029584  | .0006116 | .0013922 |
| %RSD   | .9273783 | 3.898807 | .5144133 | 1.483328 | .6036731 | .6581081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.851091 | .0379085 | .0432949 | 2.028600 | .1020182 | .2105599 |
| #2 | 1.867353 | .0409618 | .0428919 | 1.977890 | .1009699 | .2109456 |
| #3 | 1.885718 | .0391732 | .0429346 | 1.976844 | .1009483 | .2131409 |

Sample Name: LLICV01      Acquired: 3/25/2025 10:14:07      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
|--------|----------|----------|----------|----------|----------|------------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0383015 | .0393176 | .3746481 | .0163428 | .0209848 | F .0155902 |
| Stddev | .0003738 | .0003221 | .0062697 | .0022353 | .0007952 | .0011598   |
| %RSD   | .9758372 | .8193373 | 1.673479 | 13.67755 | 3.789360 | 7.439059   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0383007 | .0396744 | .3702975 | .0158617 | .0203837 | .0142939 |
| #2 | .0379281 | .0392301 | .3818347 | .0143873 | .0218865 | .0165295 |
| #3 | .0386756 | .0390481 | .3718121 | .0187795 | .0206843 | .0159472 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .0194684 |
| Stddev | .0001801 |
| %RSD   | .9249280 |

|    |          |
|----|----------|
| #1 | .0196605 |
| #2 | .0194413 |
| #3 | .0193034 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3380.999 | 76288.25 | 15565.45 | 2242.347 | 5327.948 |
| Stddev    | 21.649   | 97.37    | 56.57    | 12.677   | 24.322   |
| %RSD      | .6403209 | .1276397 | .3634278 | .5653334 | .4564914 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3392.147 | 76176.57 | 15505.92 | 2236.639 | 5329.708 |
| #2 | 3394.803 | 76355.39 | 15618.49 | 2233.528 | 5351.342 |
| #3 | 3356.048 | 76332.78 | 15571.94 | 2256.874 | 5302.795 |



Sample Name: ICB01      Acquired: 3/25/2025 10:18:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.000635 | -.001617 | -.000255 | .0013668 | -.000345 | -.007530 | -.005504 |
| Stddev | .001135  | .001090  | .000070  | .0013294 | .000690  | .003037  | .000904  |
| %RSD   | 178.6207 | 67.40890 | 27.25167 | 97.26274 | 199.7753 | 40.32960 | 16.42579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000660  | -.001263 | -.000329 | .0015003 | -.001085 | -.008502 | -.006210 |
| #2 | -.001113 | -.002840 | -.000246 | -.000024 | .000281  | -.009962 | -.005818 |
| #3 | -.001453 | -.000748 | -.000191 | .002624  | -.000232 | -.004126 | -.004485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000162 | -.000091 | .0063557 | -.000046 | -.000277 | -.000330 | -.005234 |
| Stddev | .0000670 | .000025  | .0081503 | .000294  | .000285  | .000313  | .001572  |
| %RSD   | 414.6758 | 27.88938 | 128.2351 | 637.8801 | 103.0148 | 95.04583 | 30.04514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000007 | -.000108 | -.000246 | -.000202 | -.000524 | -.000411 | -.003789 |
| #2 | -.000036 | -.000062 | .015465  | .000293  | -.000342 | -.000594 | -.006908 |
| #3 | .000092  | -.000104 | .003847  | -.000229 | .000035  | .000016  | -.005004 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001071 | .0000626 | .0001760 | .0002007 | -.018844 | -.000080 | -.000702 |
| Stddev | .000139  | .0076985 | .0002104 | .0001591 | .005735  | .000691  | .000252  |
| %RSD   | 12.94036 | 12290.38 | 119.5560 | 79.25206 | 30.43543 | 868.7191 | 35.92046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000911 | -.000939 | .0001991 | .0000471 | -.012347 | -.000607 | -.000720 |
| #2 | -.001158 | .008213  | -.000045 | .0003647 | -.023203 | .000703  | -.000945 |
| #3 | -.001144 | -.007086 | .000374  | .0001903 | -.020982 | -.000335 | -.000442 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0291160 | .0010652 | -.000235 | -.004518 | .0007673 | .0033632 | -.000865 |
| Stddev | .0194616 | .0002095 | .000211  | .000560  | .0003213 | .0046552 | .002294  |
| %RSD   | 66.84171 | 19.66429 | 89.73925 | 12.39057 | 41.87310 | 138.4141 | 265.2340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0301114 | .0008240 | -.000119 | -.004436 | .0011326 | .0021285 | .001590  |
| #2 | .0091758 | .0012012 | -.000478 | -.005115 | .0005290 | .0085113 | -.002953 |
| #3 | .0480608 | .0011703 | -.000108 | -.004004 | .0006402 | -.000550 | -.001231 |

Sample Name: ICB01      Acquired: 3/25/2025 10:18:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0025970 | -.002899 | .0000400 |
| Stddev | .0026320 | .001327  | .0000250 |
| %RSD   | 101.3489 | 45.76896 | 62.39984 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001830 | -.004350 | .0000662 |
| #2 | .0022049 | -.002600 | .0000165 |
| #3 | .0054031 | -.001748 | .0000374 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3386.279 | 76328.08 | 15588.55 | 2235.631 | 5386.614 |
| Stddev    | 4.463    | 102.24   | 115.62   | 7.688    | 3.211    |
| %RSD      | .1317895 | .1339476 | .7417178 | .3438817 | .0596022 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3383.152 | 76223.12 | 15696.01 | 2227.066 | 5384.589 |
| #2 | 3391.390 | 76333.74 | 15603.44 | 2241.935 | 5390.316 |
| #3 | 3384.296 | 76427.37 | 15466.20 | 2237.891 | 5384.937 |

Sample Name: CRI01      Acquired: 3/25/2025 10:22:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211869 | .0403124 | .0117806 | .0218939 | .0527979 | .0992617 | .0911159 |
| Stddev | .0014637 | .0009053 | .0008706 | .0018680 | .0011368 | .0017265 | .0009549 |
| %RSD   | 6.908681 | 2.245620 | 7.389740 | 8.531924 | 2.153181 | 1.739386 | 1.047984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0196211 | .0410042 | .0127160 | .0230989 | .0537726 | .0973850 | .0915149 |
| #2 | .0214187 | .0406451 | .0116318 | .0228407 | .0515490 | .0996173 | .0918066 |
| #3 | .0225209 | .0392878 | .0109941 | .0197421 | .0530721 | .1007828 | .0900262 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057639 | .0057068 | 1.962924 | .0098150 | .0289432 | .0221747 | .0981616 |
| Stddev | .0000658 | .0000760 | .004927  | .0003665 | .0001685 | .0001838 | .0053622 |
| %RSD   | 1.142223 | 1.332262 | .2509889 | 3.734155 | .5820585 | .8287357 | 5.462659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057100 | .0057827 | 1.965702 | .0098987 | .0290129 | .0219627 | .0999154 |
| #2 | .0058373 | .0057070 | 1.957236 | .0094138 | .0287510 | .0222749 | .0921420 |
| #3 | .0057445 | .0056307 | 1.965834 | .0101324 | .0290656 | .0222867 | .1024273 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0186729 | 2.070891 | .0390443 | .0112119 | 1.882036 | .0394753 | .0423048 |
| Stddev | .0001344 | .011560  | .0001016 | .0003318 | .028133  | .0001135 | .0002551 |
| %RSD   | .7195661 | .5582374 | .2601324 | 2.959640 | 1.494810 | .2874526 | .6030606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0185340 | 2.057700 | .0390693 | .0109569 | 1.882309 | .0396020 | .0424495 |
| #2 | .0186823 | 2.079261 | .0389325 | .0110919 | 1.853768 | .0393830 | .0420102 |
| #3 | .0188022 | 2.075711 | .0391309 | .0115871 | 1.910031 | .0394409 | .0424547 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.015762 | .0985201 | .2093652 | .0381493 | .0396406 | .3755719 | .0169077 |
| Stddev | .048484  | .0010161 | .0004182 | .0001934 | .0004724 | .0050362 | .0020507 |
| %RSD   | 2.405244 | 1.031333 | .1997340 | .5069244 | 1.191777 | 1.340939 | 12.12897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.959784 | .0977620 | .2088899 | .0382755 | .0398507 | .3699717 | .0146213 |
| #2 | 2.043028 | .0996746 | .2095292 | .0382458 | .0399715 | .3770151 | .0175173 |
| #3 | 2.044474 | .0981236 | .2096766 | .0379267 | .0390995 | .3797290 | .0185846 |

Sample Name: CRI01      Acquired: 3/25/2025 10:22:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0194653 | .0141343 | .0194617 |
| Stddev | .0027026 | .0005636 | .0000802 |
| %RSD   | 13.88414 | 3.987463 | .4122169 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0164786 | .0147730 | .0193707 |
| #2 | .0201752 | .0139230 | .0194923 |
| #3 | .0217420 | .0137069 | .0195221 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3409.186 | 76753.28 | 15743.64 | 2280.536 | 5357.544 |
| Stddev    | 10.440   | 143.75   | 61.39    | 3.185    | 21.998   |
| %RSD      | .3062314 | .1872853 | .3899294 | .1396552 | .4106041 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3411.706 | 76759.83 | 15756.42 | 2279.022 | 5352.134 |
| #2 | 3418.135 | 76893.64 | 15676.86 | 2284.196 | 5381.742 |
| #3 | 3397.716 | 76606.37 | 15797.63 | 2278.391 | 5338.755 |

Sample Name: ICSA01      Acquired: 3/25/2025 10:27:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047714 | .0056824 | .0041857 | -.009758 | -.003077 | 235.3664 | -.000556 |
| Stddev | .0016366 | .0023075 | .0000713 | .004192  | .001536  | 1.5380   | .000252  |
| %RSD   | 34.30098 | 40.60833 | 1.704203 | 42.96274 | 49.93170 | .6534433 | 45.37147 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065735 | .0065792 | .0041409 | -.006792 | -.004583 | 236.1715 | -.000269 |
| #2 | .0043629 | .0074069 | .0041483 | -.007928 | -.001511 | 233.5930 | -.000743 |
| #3 | .0033776 | .0030611 | .0042680 | -.014554 | -.003137 | 236.3347 | -.000655 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012075 | -.003568 | 221.2890 | .0550286 | .0016635 | .0095873 | 97.76960 |
| Stddev | .0000856 | .000111  | .3620    | .0016177 | .0002137 | .0004351 | .07181   |
| %RSD   | 7.086340 | 3.114550 | .1635655 | 2.939756 | 12.84424 | 4.538322 | .0734432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011266 | -.003445 | 221.7006 | .0568923 | .0014441 | .0090852 | 97.83327 |
| #2 | .0011987 | -.003660 | 221.1463 | .0539882 | .0018710 | .0098249 | 97.69177 |
| #3 | .0012971 | -.003600 | 221.0202 | .0542051 | .0016754 | .0098519 | 97.78375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015438 | 236.4801 | .0020814 | -.000004 | .0534490 | .0041923 | .0035333 |
| Stddev | .0004943 | .4661    | .0003141 | .000207  | .0118358 | .0010303 | .0000525 |
| %RSD   | 32.02096 | .1970998 | 15.08813 | 4901.363 | 22.14405 | 24.57572 | 1.484814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010781 | 237.0181 | .0020833 | -.000191 | .0564824 | .0030825 | .0035362 |
| #2 | .0020625 | 236.2245 | .0023946 | .000218  | .0403917 | .0043759 | .0034795 |
| #3 | .0014907 | 236.1977 | .0017665 | -.000040 | .0634729 | .0051184 | .0035843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0467432 | -.047163 | .0001311 | -.009268 | -.001144 | .0140803 | -.002001 |
| Stddev | .0439273 | .000292  | .0001155 | .002060  | .000356  | .0030651 | .002285  |
| %RSD   | 93.97590 | .6194377 | 88.05024 | 22.22646 | 31.08571 | 21.76891 | 114.1592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037173 | -.046834 | .0002637 | -.011646 | -.000762 | .0144326 | -.003834 |
| #2 | .0449927 | -.047391 | .0000771 | -.008136 | -.001206 | .0169540 | -.002729 |
| #3 | .0915197 | -.047264 | .0000526 | -.008022 | -.001465 | .0108542 | .000559  |

Sample Name: ICSA01      Acquired: 3/25/2025 10:27:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.015577 | .0018158 | .0064749 |
| Stddev | .008935  | .0001883 | .0004011 |
| %RSD   | 57.35774 | 10.37242 | 6.193950 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005843 | .0015987 | .0069378 |
| #2 | -.023404 | .0019133 | .0062308 |
| #3 | -.017485 | .0019354 | .0062562 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3002.487 | 67822.56 | 15149.14 | 2017.454 | 4224.248 |
| Stddev    | 6.511    | 112.01   | 45.68    | 9.079    | 11.201   |
| %RSD      | .2168509 | .1651479 | .3015056 | .4500231 | .2651629 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3003.673 | 67705.57 | 15096.77 | 2016.497 | 4231.753 |
| #2 | 3008.324 | 67928.81 | 15180.74 | 2026.973 | 4229.618 |
| #3 | 2995.465 | 67833.30 | 15169.92 | 2008.891 | 4211.373 |

Sample Name: ICSAB01      Acquired: 3/25/2025 10:31:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1122401 | .1062800 | .0519775 | .0369953 | .6407308 | 241.6702 |
| Stddev | .0032318 | .0040162 | .0005239 | .0042095 | .0071432 | 1.0227   |
| %RSD   | 2.879379 | 3.778850 | 1.007959 | 11.37856 | 1.114853 | .4231670 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1121670 | .1066943 | .0524973 | .0327433 | .6416408 | 241.8924 |
| #2 | .1090455 | .1100729 | .0514496 | .0370815 | .6331763 | 242.5635 |
| #3 | .1155079 | .1020727 | .0519856 | .0411610 | .6473755 | 240.5547 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4693506 | .4799527 | .9983684 | 223.9795 | .5657028 | .5071004 |
| Stddev | .0023540 | .0009942 | .0017277 | .7032    | .0010499 | .0010746 |
| %RSD   | .5015375 | .2071516 | .1730506 | .3139510 | .1855871 | .2119091 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4710464 | .4804862 | .9984456 | 224.3509 | .5667155 | .5061110 |
| #2 | .4703423 | .4805662 | .9966035 | 224.4192 | .5646194 | .5069465 |
| #3 | .4666630 | .4788056 | 1.000056 | 223.1685 | .5657736 | .5082436 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5157687 | 97.73726 | .4659046 | 243.6274 | .9997018 | .2029293 |
| Stddev | .0010243 | .06450   | .0014410 | .9677    | .0019891 | .0009874 |
| %RSD   | .1985952 | .0659955 | .3092952 | .3971899 | .1989698 | .4865602 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5154120 | 97.80223 | .4670797 | 243.9829 | .9995781 | .2040561 |
| #2 | .5149705 | 97.67323 | .4663373 | 244.3670 | .9977774 | .2025160 |
| #3 | .5169237 | 97.73632 | .4642968 | 242.5323 | 1.001750 | .2022157 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0208498 | .4686037 | 1.070379 | -.012610 | .8795756 | 1.080179 |
| Stddev | .0196206 | .0042284 | .002059  | .019053  | .0014793 | .000603  |
| %RSD   | 94.10457 | .9023420 | .1923970 | 151.1024 | .1681853 | .0558276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006078 | .4710982 | 1.072580 | -.001299 | .8806376 | 1.080410 |
| #2 | .0221580 | .4709913 | 1.070059 | -.001922 | .8802033 | 1.079494 |
| #3 | .0397835 | .4637215 | 1.068498 | -.034608 | .8778859 | 1.080632 |

Sample Name: ICSAB01      Acquired: 3/25/2025 10:31:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | 1.059290 | .9893579 | .9492657 | F -.001491 | F -.012017 | F .0009314 |
| Stddev | .006551  | .0043267 | .0035071 | .001081    | .003131    | .0007558   |
| %RSD   | .6183954 | .4373212 | .3694556 | 72.47545   | 26.05289   | 81.15478   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.059132 | .9927846 | .9522926 | -.000268 | -.008471 | .0017766 |
| #2 | 1.052820 | .9907930 | .9454223 | -.001890 | -.013183 | .0003204 |
| #3 | 1.065918 | .9844960 | .9500821 | -.002316 | -.014398 | .0006971 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0070322 |
| Stddev | .0003310   |
| %RSD   | 4.707050   |

|    |          |
|----|----------|
| #1 | .0073029 |
| #2 | .0071303 |
| #3 | .0066632 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2952.979 | 67357.54 | 14859.61 | 1973.016 | 4178.131 |
| Stddev    | 9.091    | 80.78    | 48.43    | 3.081    | 13.317   |
| %RSD      | .3078519 | .1199252 | .3259108 | .1561802 | .3187319 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2961.918 | 67450.53 | 14864.83 | 1969.898 | 4190.685 |
| #2 | 2953.276 | 67304.73 | 14808.78 | 1976.059 | 4179.545 |
| #3 | 2943.743 | 67317.38 | 14905.22 | 1973.092 | 4164.163 |



Sample Name: CCV01      Acquired: 3/25/2025 10:35:58      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.144914 | 5.098914 | 4.983910 | 5.198707 | 5.176070 | 9.849659 | 9.687895 |
| Stddev | .064794  | .066382  | .042612  | .061691  | .051635  | .028653  | .137357  |
| %RSD   | 1.259377 | 1.301876 | .8549969 | 1.186662 | .9975681 | .2909033 | 1.417818 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.113519 | 5.047992 | 4.963712 | 5.159746 | 5.144843 | 9.874251 | 9.819125 |
| #2 | 5.101798 | 5.074759 | 4.955153 | 5.166541 | 5.147696 | 9.856531 | 9.699424 |
| #3 | 5.219425 | 5.173990 | 5.032866 | 5.269833 | 5.235670 | 9.818195 | 9.545138 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2367864 | 2.468072 | 23.95382 | 1.011472 | 2.465392 | 1.276490 | 5.005907 |
| Stddev | .0010493 | .019562  | .03720   | .001458  | .022076  | .013647  | .030288  |
| %RSD   | .4431327 | .7925986 | .1553052 | .1441598 | .8954459 | 1.069098 | .6050532 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2369041 | 2.459587 | 23.96028 | 1.011854 | 2.456361 | 1.270637 | 4.984127 |
| #2 | .2377719 | 2.454185 | 23.98736 | 1.012702 | 2.449263 | 1.266746 | 4.993097 |
| #3 | .2356833 | 2.490444 | 23.91381 | 1.009861 | 2.490552 | 1.292087 | 5.040495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.382134 | 24.05743 | 2.457203 | 1.257928 | 25.11853 | 2.445448 | 2.546845 |
| Stddev | .007659  | .09470   | .020736  | .000705  | .03383   | .006355  | .004482  |
| %RSD   | .3215198 | .3936463 | .8438715 | .0560186 | .1346958 | .2598722 | .1759778 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.379605 | 23.97287 | 2.448797 | 1.258682 | 25.15663 | 2.443288 | 2.541694 |
| #2 | 2.390738 | 24.15976 | 2.441991 | 1.257813 | 25.09200 | 2.452602 | 2.549850 |
| #3 | 2.376060 | 24.03966 | 2.480822 | 1.257287 | 25.10695 | 2.440455 | 2.548991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.61468 | 4.725892 | 5.129425 | 4.985051 | 4.870878 | 5.112526 | 4.945089 |
| Stddev | .05366   | .026764  | .053145  | .041427  | .016102  | .023342  | .044818  |
| %RSD   | .2095043 | .5663283 | 1.036088 | .8310215 | .3305750 | .4565663 | .9063050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.57097 | 4.741614 | 5.098317 | 4.963470 | 4.878956 | 5.099330 | 4.932316 |
| #2 | 25.59850 | 4.741073 | 5.099168 | 4.958870 | 4.881342 | 5.098771 | 4.908045 |
| #3 | 25.67457 | 4.694990 | 5.190790 | 5.032812 | 4.852336 | 5.139477 | 4.994907 |

Sample Name: CCV01      Acquired: 3/25/2025 10:35:58      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.939843 | 4.843110 | 4.868268 |
| Stddev | .043448  | .020375  | .025309  |
| %RSD   | .8795509 | .4206910 | .5198784 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.917514 | 4.862820 | 4.839109 |
| #2 | 4.912100 | 4.844380 | 4.881168 |
| #3 | 4.989916 | 4.822130 | 4.884529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3215.602 | 73209.33 | 15178.57 | 2111.581 | 4756.739 |
| Stddev    | 26.598   | 196.87   | 61.56    | 11.195   | 34.984   |
| %RSD      | .8271469 | .2689173 | .4055433 | .5301563 | .7354661 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3228.588 | 73436.53 | 15210.85 | 2124.181 | 4771.547 |
| #2 | 3233.211 | 73102.42 | 15107.59 | 2102.781 | 4781.883 |
| #3 | 3185.006 | 73089.05 | 15217.27 | 2107.782 | 4716.786 |

Sample Name: CCB01      Acquired: 3/25/2025 10:40:09      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.000015 | .0008519 | -.001754 | .0019815 | -.000475 | -.009414 | -.007950 |
| Stddev | .001210  | .0014854 | .000234  | .0015381 | .001208  | .001219  | .001049  |
| %RSD   | 8220.267 | 174.3682 | 13.34656 | 77.62058 | 254.1039 | 12.95147 | 13.19592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000579 | -.000213 | -.001500 | .0034689 | .000498  | -.008456 | -.006946 |
| #2 | .001375  | .000220  | -.001801 | .0003973 | -.000097 | -.008999 | -.007866 |
| #3 | -.000840 | .002549  | -.001961 | .0020783 | -.001827 | -.010786 | -.009039 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000296 | -.000032 | .0077020 | -.000122 | -.000155 | -.000352 | -.003308 |
| Stddev | .0000306 | .000073  | .0044106 | .000169  | .000084  | .000289  | .002385  |
| %RSD   | 103.5705 | 230.6620 | 57.26637 | 138.3738 | 54.18872 | 82.15333 | 72.10172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000129 | -.000016 | .0047136 | -.000160 | -.000236 | -.000109 | -.000722 |
| #2 | .0000649 | .000032  | .0056246 | .000063  | -.000068 | -.000275 | -.005423 |
| #3 | .0000109 | -.000111 | .0127677 | -.000270 | -.000160 | -.000671 | -.003780 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000871 | .0006618 | .0002067 | .0005931 | -.032701 | -.000117 | -.000723 |
| Stddev | .000108  | .0099701 | .0001467 | .0000765 | .007446  | .000079  | .000161  |
| %RSD   | 12.44157 | 1506.584 | 71.00287 | 12.89823 | 22.77074 | 67.34422 | 22.18558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000955 | .0062533 | .0000684 | .0006620 | -.024893 | -.000034 | -.000865 |
| #2 | -.000749 | -.010849 | .0003606 | .0005108 | -.039723 | -.000127 | -.000756 |
| #3 | -.000910 | .006581  | .0001910 | .0006066 | -.033486 | -.000190 | -.000549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0191509 | .0023459 | .0000885 | -.003822 | .0006438 | .0022849 | -.003701 |
| Stddev | .0264995 | .0003073 | .0000890 | .001136  | .0006674 | .0028848 | .002317  |
| %RSD   | 138.3717 | 13.09960 | 100.5530 | 29.72547 | 103.6544 | 126.2559 | 62.60311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0493127 | .0024169 | .0001330 | -.002516 | .0013086 | .0010776 | -.002445 |
| #2 | .0085336 | .0026115 | .0001466 | -.004372 | .0006490 | .0055772 | -.006374 |
| #3 | -.000393 | .0020093 | -.000014 | -.004579 | -.000026 | .0001999 | -.002283 |

Sample Name: CCB01      Acquired: 3/25/2025 10:40:09      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003633 | -.005116 | .0001017 |
| Stddev | .0017834 | .000427  | .0000281 |
| %RSD   | 490.8370 | 8.341643 | 27.58608 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001691 | -.004888 | .0001301 |
| #2 | .001272  | -.004852 | .0001009 |
| #3 | .001510  | -.005608 | .0000741 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3376.861 | 77971.21 | 15262.15 | 2240.192 | 5418.025 |
| Stddev    | 6.849    | 123.83   | 100.77   | 8.442    | 16.194   |
| %RSD      | .2028127 | .1588165 | .6602827 | .3768221 | .2988958 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3375.667 | 77831.09 | 15185.52 | 2237.409 | 5429.218 |
| #2 | 3384.228 | 78065.95 | 15224.63 | 2249.673 | 5425.402 |
| #3 | 3370.687 | 78016.58 | 15376.30 | 2233.493 | 5399.456 |

Sample Name: Q1619-12      Acquired: 3/25/2025 10:44:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001316 | -.006078 | .0037395 | .0051426 | -.001115 | .0198668 | .8761721 |
| Stddev | .002101  | .003690  | .0005236 | .0031010 | .000387  | .0056331 | .0020070 |
| %RSD   | 159.7004 | 60.71067 | 14.00094 | 60.29967 | 34.75436 | 28.35456 | .2290638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000820  | -.008624 | .0037944 | .0041406 | -.000867 | .0263022 | .8745609 |
| #2 | -.003381 | -.001846 | .0031906 | .0086208 | -.001561 | .0174682 | .8784203 |
| #3 | -.001386 | -.007763 | .0042334 | .0026666 | -.000916 | .0158299 | .8755350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001954 | .0007094 | 66.74099 | .3394110 | .0021440 | .0058287 | 1.291517 |
| Stddev | .0000601 | .0000552 | .09157   | .0008253 | .0002068 | .0002539 | .003352  |
| %RSD   | 30.76563 | 7.779829 | .1372023 | .2431721 | 9.644143 | 4.356465 | .2595633 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001310 | .0006609 | 66.79604 | .3385603 | .0022554 | .0060806 | 1.292273 |
| #2 | .0002501 | .0007695 | 66.79164 | .3402084 | .0019054 | .0058328 | 1.294427 |
| #3 | .0002052 | .0006978 | 66.63528 | .3394643 | .0022712 | .0055728 | 1.287852 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1796672 | .3887035 | .0047407 | .0003215 | 328.8287 | -.000020 | .4275828 |
| Stddev | .0015470 | .0069828 | .0001572 | .0001029 | 2.0489   | .000644  | .0020386 |
| %RSD   | .8610396 | 1.796442 | 3.315432 | 32.00511 | .6230808 | 3274.700 | .4767833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1813609 | .3811702 | .0045969 | .0002561 | 330.0141 | .000400  | .4281670 |
| #2 | .1793121 | .3899807 | .0047169 | .0002682 | 330.0092 | .000302  | .4253159 |
| #3 | .1783286 | .3949596 | .0049085 | .0004401 | 326.4629 | -.000761 | .4292656 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.004120 | .1810381 | .0004107 | -.006432 | -.001220 | 2.724002 | .0064620 |
| Stddev | .027592  | .0016900 | .0002652 | .000666  | .000094  | .012002  | .0013788 |
| %RSD   | 1.376742 | .9335156 | 64.58586 | 10.34838 | 7.716270 | .4406095 | 21.33767 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.973024 | .1829217 | .0001272 | -.006674 | -.001129 | 2.710413 | .0072960 |
| #2 | 2.013661 | .1796546 | .0006528 | -.005680 | -.001213 | 2.728435 | .0048705 |
| #3 | 2.025675 | .1805380 | .0004521 | -.006943 | -.001317 | 2.733156 | .0072195 |

Sample Name: Q1619-12      Acquired: 3/25/2025 10:44:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9997447 | -.017286 | .1870112 |
| Stddev | .0023779 | .000671  | .0002016 |
| %RSD   | .2378504 | 3.881485 | .1078201 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.000468 | -.017823 | .1867889 |
| #2 | .997089  | -.016533 | .1870626 |
| #3 | 1.001677 | -.017501 | .1871822 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3119.360 | 71773.29 | 15348.15 | 2070.092 | 4527.768 |
| Stddev    | 2.971    | 108.03   | 63.76    | 17.022   | 4.578    |
| %RSD      | .0952290 | .1505189 | .4154481 | .8222644 | .1011036 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3122.751 | 71709.63 | 15274.53 | 2059.350 | 4531.432 |
| #2 | 3117.217 | 71898.02 | 15384.13 | 2089.718 | 4522.637 |
| #3 | 3118.112 | 71712.20 | 15385.80 | 2061.209 | 4529.236 |

Sample Name: Q1619-14      Acquired: 3/25/2025 10:48:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037571 | -.007232 | .0153247 | .0041524 | -.000923 | .1300909 | .7342750 |
| Stddev | .0015409 | .001993  | .0012464 | .0012461 | .001535  | .0038711 | .0015413 |
| %RSD   | 41.01181 | 27.55858 | 8.133466 | 30.00917 | 166.2468 | 2.975713 | .2099095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040458 | -.007752 | .0163568 | .0041724 | -.001064 | .1311734 | .7358084 |
| #2 | .0051332 | -.008913 | .0139399 | .0028964 | -.002384 | .1257938 | .7342906 |
| #3 | .0020924 | -.005030 | .0156774 | .0053883 | .000677  | .1333056 | .7327259 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000027 | .0009004 | 23.31973 | .2603504 | .0074589 | .0154142 | .1975564 |
| Stddev | .000106  | .0000127 | .01239   | .0008433 | .0001066 | .0003744 | .0051805 |
| %RSD   | 390.9697 | 1.414895 | .0531449 | .3239188 | 1.429198 | 2.429213 | 2.622310 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000139 | .0009116 | 23.30680 | .2595714 | .0073452 | .0155529 | .1999060 |
| #2 | -.000014 | .0009031 | 23.33150 | .2602338 | .0074749 | .0149902 | .1916174 |
| #3 | .000072  | .0008865 | 23.32088 | .2612459 | .0075566 | .0156995 | .2011459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.558431 | 2.384806 | .0285949 | .0001946 | 279.8083 | .0008124 | .4403192 |
| Stddev | .001435  | .008020  | .0002892 | .0001507 | 2.8679   | .0011606 | .0015384 |
| %RSD   | .0921014 | .3363109 | 1.011306 | 77.43218 | 1.024966 | 142.8635 | .3493916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.557532 | 2.385270 | .0285199 | .0000525 | 279.2636 | .0020530 | .4387564 |
| #2 | 1.560086 | 2.376564 | .0283507 | .0001787 | 282.9095 | -.000247 | .4418320 |
| #3 | 1.557675 | 2.392584 | .0289142 | .0003526 | 277.2517 | .000631  | .4403691 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.403955 | .1362115 | -.000023 | -.005056 | .0004684 | 1.946811 | .0077919 |
| Stddev | .056226  | .0009442 | .000124  | .000143  | .0003994 | .010453  | .0006060 |
| %RSD   | 4.004825 | .6932066 | 543.9173 | 2.820247 | 85.26279 | .5369348 | 7.777487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.466472 | .1353217 | -.000029 | -.005053 | .0002982 | 1.954103 | .0071028 |
| #2 | 1.387864 | .1372021 | -.000144 | -.005200 | .0001824 | 1.934835 | .0082420 |
| #3 | 1.357528 | .1361107 | .000104  | -.004915 | .0009248 | 1.951494 | .0080308 |

Sample Name: Q1619-14      Acquired: 3/25/2025 10:48:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8494158 | -.011321 | .0814146 |
| Stddev | .0055120 | .000815  | .0002571 |
| %RSD   | .6489194 | 7.196686 | .3157688 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8431845 | -.011742 | .0817112 |
| #2 | .8514084 | -.010382 | .0812768 |
| #3 | .8536543 | -.011840 | .0812557 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3132.984 | 72161.80 | 15692.88 | 2094.103 | 4606.385 |
| Stddev    | 11.314   | 99.77    | 51.14    | 7.354    | 9.515    |
| %RSD      | .3611144 | .1382626 | .3258514 | .3511889 | .2065542 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3144.399 | 72221.86 | 15743.01 | 2098.258 | 4615.796 |
| #2 | 3132.779 | 72046.63 | 15640.80 | 2085.612 | 4606.588 |
| #3 | 3121.774 | 72216.91 | 15694.81 | 2098.440 | 4596.770 |



Sample Name: Q1619-14DUP      Acquired: 3/25/2025 10:53:16      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011847 | -.005173 | .0150808 | .0026990 | -.002543 | .1394590 | .7333514 |
| Stddev | .0022679 | .003049  | .0011533 | .0032286 | .001519  | .0032574 | .0034501 |
| %RSD   | 191.4255 | 58.94792 | 7.647341 | 119.6219 | 59.73099 | 2.335754 | .4704557 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000106 | -.008692 | .0139949 | -.000219 | -.003081 | .1357551 | .7294301 |
| #2 | .003803  | -.003314 | .0149563 | .006167  | -.003719 | .1407442 | .7347035 |
| #3 | -.000143 | -.003513 | .0162913 | .002149  | -.000828 | .1418779 | .7359207 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000933 | .0008989 | 23.00477 | .2579635 | .0074376 | .0154758 | .1976696 |
| Stddev | .0000554 | .0000421 | .05517   | .0006391 | .0000197 | .0002823 | .0042802 |
| %RSD   | 59.43952 | 4.681055 | .2398063 | .2477335 | .2651429 | 1.824309 | 2.165349 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001423 | .0009161 | 22.99782 | .2585617 | .0074152 | .0157718 | .1959427 |
| #2 | .0001043 | .0008510 | 22.95340 | .2580385 | .0074452 | .0152094 | .2025434 |
| #3 | .0000331 | .0009297 | 23.06308 | .2572902 | .0074523 | .0154463 | .1945225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.538064 | 2.353484 | .0281476 | .0004605 | 285.5152 | -.000013 | .4392477 |
| Stddev | .000971  | .013806  | .0001125 | .0001435 | 3.6955   | .001504  | .0020203 |
| %RSD   | .0631104 | .5866328 | .3997642 | 31.16664 | 1.294326 | 11685.59 | .4599463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.536952 | 2.337620 | .0282239 | .0006155 | 281.3101 | -.001709 | .4411962 |
| #2 | 1.538502 | 2.362780 | .0282005 | .0004338 | 288.2459 | .000512  | .4393845 |
| #3 | 1.538738 | 2.360052 | .0280184 | .0003322 | 286.9895 | .001158  | .4371625 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.461066 | .1310164 | -.000103 | -.005013 | .0000129 | 1.954951 | .0072267 |
| Stddev | .040601  | .0009914 | .000154  | .000281  | .0005653 | .011211  | .0022608 |
| %RSD   | 2.778850 | .7566677 | 148.6810 | 5.615003 | 4384.053 | .5734489 | 31.28398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.429855 | .1316782 | -.000112 | -.005268 | -.000293 | 1.942040 | .0059091 |
| #2 | 1.446375 | .1298766 | .000054  | -.005061 | .000665  | 1.962218 | .0059338 |
| #3 | 1.506967 | .1314945 | -.000253 | -.004711 | -.000333 | 1.960596 | .0098372 |

Sample Name: Q1619-14DUP      Acquired: 3/25/2025 10:53:16      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8454606 | -.010289 | .0814899 |
| Stddev | .0070777 | .000504  | .0002305 |
| %RSD   | .8371366 | 4.894264 | .2829186 |
| #1     | .8401262 | -.009867 | .0812559 |
| #2     | .8427659 | -.010847 | .0814970 |
| #3     | .8534898 | -.010154 | .0817168 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3112.970 | 73673.24 | 16223.51 | 2068.074 | 4621.622 |
| Stddev    | 11.445   | 134.83   | 71.24    | 8.759    | 7.610    |
| %RSD      | .3676469 | .1830060 | .4391026 | .4235332 | .1646691 |
| #1        | 3113.255 | 73791.96 | 16169.44 | 2061.209 | 4620.826 |
| #2        | 3124.269 | 73526.66 | 16304.24 | 2065.075 | 4629.600 |
| #3        | 3101.385 | 73701.08 | 16196.87 | 2077.939 | 4614.441 |

Sample Name: Q1619-14LX5      Acquired: 3/25/2025 10:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001239 | -.002780 | .0028652 | .0013250 | -.000322 | .0234614 | .1447032 |
| Stddev | .000778  | .000739  | .0008293 | .0023862 | .001191  | .0029726 | .0009170 |
| %RSD   | 62.77615 | 26.58719 | 28.94512 | 180.0905 | 370.3075 | 12.67020 | .6337103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001451 | -.002853 | .0038076 | -.001326 | .000767  | .0236154 | .1436525 |
| #2 | -.000378 | -.002007 | .0025415 | .002001  | -.000138 | .0204148 | .1453423 |
| #3 | -.001890 | -.003479 | .0022466 | .003300  | -.001594 | .0263540 | .1451148 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000270 | .0000901 | 4.909826 | .0534367 | .0013778 | .0029138 | .0346956 |
| Stddev | .0000324 | .0000815 | .017180  | .0001264 | .0000955 | .0002220 | .0012835 |
| %RSD   | 119.9220 | 90.39351 | .3499074 | .2366065 | 6.928044 | 7.618920 | 3.699363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000559 | .0001629 | 4.890157 | .0535819 | .0012680 | .0026845 | .0346253 |
| #2 | -.000008 | .0000021 | 4.917426 | .0533509 | .0014236 | .0029292 | .0360128 |
| #3 | .000033  | .0001053 | 4.921895 | .0533774 | .0014417 | .0031277 | .0334487 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3244554 | .5042781 | .0058444 | .0005502 | 57.01323 | .0002851 | .0899209 |
| Stddev | .0002886 | .0057402 | .0002235 | .0001795 | .46280   | .0003099 | .0007072 |
| %RSD   | .0889444 | 1.138290 | 3.823548 | 32.62268 | .8117481 | 108.6966 | .7865154 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3246625 | .5065855 | .0061021 | .0005110 | 57.51493 | -.000036 | .0891277 |
| #2 | .3245779 | .4977433 | .0057256 | .0003936 | 56.92181 | .000309  | .0901494 |
| #3 | .3241257 | .5085055 | .0057054 | .0007461 | 56.60297 | .000583  | .0904857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3126633 | .0265717 | -.000116 | -.001538 | .0007986 | .3988013 | -.001009 |
| Stddev | .0256799 | .0005335 | .000257  | .000396  | .0001902 | .0089156 | .001104  |
| %RSD   | 8.213265 | 2.007782 | 222.0205 | 25.72281 | 23.81808 | 2.235590 | 109.4541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3031578 | .0260335 | -.000017 | -.001696 | .0007906 | .4082330 | -.000157 |
| #2 | .3417407 | .0265812 | -.000407 | -.001830 | .0009927 | .3905120 | -.002256 |
| #3 | .2930914 | .0271004 | .000077  | -.001087 | .0006126 | .3976590 | -.000613 |

Sample Name: Q1619-14LX5      Acquired: 3/25/2025 10:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1738142 | .0020238 | .0170341 |
| Stddev | .0023940 | .0011431 | .0000569 |
| %RSD   | 1.377328 | 56.48351 | .3338714 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1748052 | .0012258 | .0169686 |
| #2 | .1755536 | .0033334 | .0170628 |
| #3 | .1710839 | .0015123 | .0170709 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3231.983 | 75304.89 | 16135.58 | 2137.102 | 4959.514 |
| Stddev    | 13.679   | 253.43   | 61.53    | 7.749    | 21.091   |
| %RSD      | .4232263 | .3365429 | .3813115 | .3625964 | .4252712 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3247.777 | 75012.70 | 16204.10 | 2144.092 | 4983.834 |
| #2 | 3224.232 | 75437.05 | 16117.56 | 2138.444 | 4946.231 |
| #3 | 3223.940 | 75464.94 | 16085.07 | 2128.769 | 4948.477 |

Sample Name: Q1619-14MS      Acquired: 3/25/2025 11:01:57      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7708363 | 1.740571 | .8811810 | 1.900829 | .7962251 | 1.961386 | .9951024 |
| Stddev | .0040578 | .009862  | .0024080 | .006014  | .0033617 | .005101  | .0031979 |
| %RSD   | .5264155 | .5665931 | .2732695 | .3163645 | .4222100 | .2600816 | .3213632 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7748154 | 1.751631 | .8792719 | 1.906036 | .7988230 | 1.957251 | .9935993 |
| #2 | .7667041 | 1.737389 | .8803848 | 1.894247 | .7974240 | 1.959821 | .9929329 |
| #3 | .7709895 | 1.732693 | .8838862 | 1.902205 | .7924282 | 1.967087 | .9987749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1657943 | .1822167 | 26.89622 | .6706073 | .1924440 | .2940028 | 3.035445 |
| Stddev | .0007114 | .0001620 | .08763   | .0017191 | .0002915 | .0008684 | .020961  |
| %RSD   | .4290567 | .0888826 | .3258035 | .2563556 | .1514831 | .2953599 | .6905377 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1651282 | .1823216 | 26.83198 | .6725913 | .1925905 | .2949805 | 3.053598 |
| #2 | .1657112 | .1820302 | 26.86064 | .6695569 | .1921083 | .2937070 | 3.012504 |
| #3 | .1665436 | .1822984 | 26.99605 | .6696738 | .1926331 | .2933210 | 3.040232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.895326 | 4.357713 | .4878640 | .0709756 | 313.7844 | .2696975 | .6905492 |
| Stddev | .010060  | .014902  | .0002789 | .0002672 | 2.6238   | .0025858 | .0028875 |
| %RSD   | .5308037 | .3419651 | .0571632 | .3764056 | .8361675 | .9587774 | .4181375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.890173 | 4.347589 | .4876035 | .0712010 | 316.7841 | .2667847 | .6872755 |
| #2 | 1.888886 | 4.350726 | .4878305 | .0710453 | 312.6520 | .2705853 | .6916387 |
| #3 | 1.906919 | 4.374825 | .4881582 | .0706805 | 311.9169 | .2717224 | .6927334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.04507 | .3806390 | .4068898 | .6527984 | .1822655 | 3.014684 | 5.664282 |
| Stddev | .06931   | .0032442 | .0009415 | .0018927 | .0010670 | .007665  | .013221  |
| %RSD   | .5754316 | .8523109 | .2313774 | .2899394 | .5854206 | .2542489 | .2334065 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.11916 | .3790056 | .4066922 | .6519460 | .1810342 | 3.019115 | 5.651724 |
| #2 | 11.98181 | .3785362 | .4060629 | .6514817 | .1829193 | 3.019104 | 5.663043 |
| #3 | 12.03424 | .3843753 | .4079144 | .6549674 | .1828429 | 3.005834 | 5.678078 |

Sample Name: Q1619-14MS      Acquired: 3/25/2025 11:01:57      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9514402 | .1793133 | .2647524 |
| Stddev | .0029283 | .0005975 | .0006434 |
| %RSD   | .3077758 | .3332190 | .2430309 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9505803 | .1786234 | .2640115 |
| #2 | .9490380 | .1796609 | .2650750 |
| #3 | .9547021 | .1796557 | .2651707 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3100.288 | 71601.91 | 15589.92 | 2029.533 | 4550.140 |
| Stddev    | 7.745    | 91.55    | 79.78    | 2.804    | 9.193    |
| %RSD      | .2498281 | .1278545 | .5117296 | .1381548 | .2020361 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3104.886 | 71496.45 | 15661.28 | 2032.208 | 4559.175 |
| #2 | 3104.632 | 71648.41 | 15604.70 | 2029.775 | 4550.449 |
| #3 | 3091.346 | 71660.88 | 15503.79 | 2026.616 | 4540.797 |

Sample Name: Q1619-14MSD      Acquired: 3/25/2025 11:06:08      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7646097 | 1.724784 | .8821933 | 1.885766 | .7923554 | 1.957176 | 1.014556 |
| Stddev | .0018175 | .005708  | .0018268 | .001226  | .0026011 | .007173  | .004041  |
| %RSD   | .2376981 | .3309652 | .2070732 | .0650218 | .3282765 | .3665197 | .3983214 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7631476 | 1.723858 | .8814704 | 1.886727 | .7907289 | 1.964337 | 1.017087 |
| #2 | .7640371 | 1.719594 | .8808387 | 1.884385 | .7953553 | 1.949990 | 1.009896 |
| #3 | .7666445 | 1.730898 | .8842710 | 1.886187 | .7909819 | 1.957203 | 1.016686 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1676312 | .1823600 | 27.33385 | .6732582 | .1924760 | .2938846 | 3.089195 |
| Stddev | .0011899 | .0003007 | .10361   | .0012597 | .0007021 | .0004622 | .025704  |
| %RSD   | .7098459 | .1649087 | .3790560 | .1871016 | .3647889 | .1572884 | .8320635 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1689176 | .1825076 | 27.43773 | .6745417 | .1923762 | .2933664 | 3.117423 |
| #2 | .1665699 | .1820140 | 27.23052 | .6732089 | .1918291 | .2940329 | 3.083026 |
| #3 | .1674062 | .1825585 | 27.33330 | .6720238 | .1932227 | .2942545 | 3.067137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.920825 | 4.392776 | .4879955 | .0713920 | 323.5761 | .2729430 | .6939044 |
| Stddev | .009368  | .006868  | .0009470 | .0003889 | 5.3448   | .0023612 | .0033390 |
| %RSD   | .4877135 | .1563445 | .1940560 | .5448145 | 1.651778 | .8650847 | .4811937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.928694 | 4.400706 | .4879332 | .0716776 | 329.6935 | .2731277 | .6964332 |
| #2 | 1.910462 | 4.388740 | .4870812 | .0715494 | 319.8105 | .2704949 | .6901195 |
| #3 | 1.923318 | 4.388882 | .4889721 | .0709490 | 321.2243 | .2752064 | .6951605 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.19579 | .3847481 | .4050566 | .6546954 | .1842104 | 3.041551 | 5.705948 |
| Stddev | .02046   | .0001476 | .0008046 | .0010645 | .0012068 | .010140  | .008536  |
| %RSD   | .1677628 | .0383737 | .1986439 | .1625891 | .6551402 | .3333757 | .1495999 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.17455 | .3846186 | .4041785 | .6551067 | .1856000 | 3.038424 | 5.709381 |
| #2 | 12.21537 | .3849088 | .4052328 | .6554929 | .1836065 | 3.052885 | 5.696230 |
| #3 | 12.19745 | .3847168 | .4057586 | .6534867 | .1834248 | 3.033342 | 5.712233 |

Sample Name: Q1619-14MSD      Acquired: 3/25/2025 11:06:08      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9391044 | .1792359 | .2681339 |
| Stddev | .0045502 | .0003864 | .0011784 |
| %RSD   | .4845288 | .2155726 | .4394846 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9401534 | .1795178 | .2690592 |
| #2 | .9430386 | .1787955 | .2668073 |
| #3 | .9341213 | .1793945 | .2685354 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3117.241 | 71117.75 | 15580.87 | 2053.185 | 4562.372 |
| Stddev    | 2.386    | 277.75   | 123.19   | 14.685   | 6.626    |
| %RSD      | .0765475 | .3905561 | .7906621 | .7152378 | .1452341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3117.404 | 70797.14 | 15466.52 | 2041.101 | 4557.645 |
| #2 | 3119.541 | 71285.58 | 15711.32 | 2069.529 | 4569.945 |
| #3 | 3114.777 | 71270.52 | 15564.77 | 2048.924 | 4559.524 |



Sample Name: Q1619-14A      Acquired: 3/25/2025 11:10:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7621760 | 1.720898 | .8803211 | 1.885100 | .7916704 | 1.978996 | 1.012125 |
| Stddev | .0038515 | .009226  | .0020783 | .004517  | .0030322 | .009603  | .002858  |
| %RSD   | .5053321 | .5361066 | .2360813 | .2396224 | .3830102 | .4852609 | .2823844 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7621879 | 1.729632 | .8798246 | 1.888366 | .7921134 | 1.989558 | 1.011518 |
| #2 | .7583185 | 1.711248 | .8785360 | 1.879945 | .7884411 | 1.976639 | 1.009619 |
| #3 | .7660215 | 1.721815 | .8826027 | 1.886989 | .7944567 | 1.970791 | 1.015238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1678856 | .1819503 | 27.17709 | .6635196 | .1926148 | .2948043 | 3.004893 |
| Stddev | .0012827 | .0005110 | .07479   | .0015489 | .0002900 | .0003807 | .002983  |
| %RSD   | .7640413 | .2808260 | .2751839 | .2334423 | .1505603 | .1291235 | .0992574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1684435 | .1817607 | 27.15250 | .6646055 | .1927290 | .2948818 | 3.003003 |
| #2 | .1687949 | .1815613 | 27.26108 | .6642075 | .1922851 | .2943909 | 3.003345 |
| #3 | .1664185 | .1825290 | 27.11770 | .6617459 | .1928304 | .2951403 | 3.008331 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.924334 | 4.383029 | .4887012 | .0702635 | 316.3696 | .2722498 | .6822405 |
| Stddev | .005001  | .035247  | .0010354 | .0001771 | 1.5184   | .0003069 | .0023439 |
| %RSD   | .2598929 | .8041676 | .2118689 | .2520517 | .4799475 | .1127124 | .3435573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.926909 | 4.390127 | .4884745 | .0701039 | 316.7453 | .2718985 | .6795506 |
| #2 | 1.927523 | 4.414187 | .4877979 | .0702326 | 314.6986 | .2723853 | .6833262 |
| #3 | 1.918570 | 4.344774 | .4898312 | .0704540 | 317.6648 | .2724655 | .6838447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.87901 | .3857886 | .4062956 | .6510995 | .1842733 | 2.956655 | 5.711504 |
| Stddev | .07445   | .0022094 | .0007742 | .0011466 | .0007949 | .018219  | .024031  |
| %RSD   | .6267281 | .5727014 | .1905376 | .1761103 | .4313451 | .6161864 | .4207538 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.89106 | .3868963 | .4070075 | .6519890 | .1835073 | 2.956725 | 5.722175 |
| #2 | 11.79928 | .3872250 | .4054715 | .6498054 | .1850942 | 2.938402 | 5.683985 |
| #3 | 11.94671 | .3832444 | .4064077 | .6515040 | .1842184 | 2.974838 | 5.728351 |

Sample Name: Q1619-14A      Acquired: 3/25/2025 11:10:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9378186 | .1810894 | .2683486 |
| Stddev | .0035655 | .0014356 | .0005875 |
| %RSD   | .3801932 | .7927600 | .2189165 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9403516 | .1819911 | .2683606 |
| #2 | .9337413 | .1794339 | .2677553 |
| #3 | .9393631 | .1818432 | .2689300 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3119.923 | 72957.09 | 15480.17 | 2072.312 | 4567.110 |
| Stddev    | 4.519    | 178.04   | 101.34   | 6.440    | 6.435    |
| %RSD      | .1448343 | .2440313 | .6546333 | .3107539 | .1409085 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3121.421 | 72973.30 | 15458.33 | 2079.747 | 4572.423 |
| #2 | 3123.503 | 72771.50 | 15391.53 | 2068.695 | 4568.953 |
| #3 | 3114.845 | 73126.47 | 15590.64 | 2068.494 | 4559.954 |

Sample Name: PB167260BL      Acquired: 3/25/2025 11:14:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002239 | -.001929 | -.000681 | .0046637 | .0003044 | -.006206 | -.007985 |
| Stddev | .002015  | .001323  | .001040  | .0011331 | .0005897 | .002886  | .000463  |
| %RSD   | 90.02093 | 68.60079 | 152.7600 | 24.29683 | 193.7210 | 46.50207 | 5.801751 |
| #1     | .000007  | -.001072 | .000326  | .0054624 | .0006465 | -.009512 | -.007998 |
| #2     | -.002832 | -.001262 | -.001751 | .0033668 | .0006433 | -.004192 | -.007515 |
| #3     | -.003891 | -.003453 | -.000617 | .0051618 | -.000377 | -.004913 | -.008442 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000295 | -.000049 | -.004334 | .0000399 | .0000003 | -.000065 | -.008898 |
| Stddev | .0000281 | .000033  | .006851  | .0002033 | .0001184 | .000164  | .001987  |
| %RSD   | 95.23764 | 65.97326 | 158.1005 | 509.3101 | 46098.63 | 251.6265 | 22.32928 |
| #1     | .0000256 | -.000012 | .003536  | -.000089 | .0001103 | -.000122 | -.010207 |
| #2     | .0000036 | -.000065 | -.008971 | -.000065 | -.000125 | .000120  | -.006612 |
| #3     | .0000595 | -.000071 | -.007566 | .000274  | .000016  | -.000194 | -.009876 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001226 | -.000512 | .0001818 | .0005552 | .1318101 | .0002899 | -.001288 |
| Stddev | .000318  | .006953  | .0002358 | .0002281 | .0068590 | .0007082 | .000282  |
| %RSD   | 25.94262 | 1356.753 | 129.7099 | 41.08993 | 5.203712 | 244.2999 | 21.90524 |
| #1     | -.000875 | .006914  | .0002484 | .0003143 | .1326888 | .0011050 | -.000967 |
| #2     | -.001308 | -.006869 | -.000080 | .0005833 | .1381874 | -.000174 | -.001403 |
| #3     | -.001496 | -.001583 | .000377  | .0007680 | .1245540 | -.000061 | -.001495 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0992932 | -.004333 | -.000113 | -.000629 | .0004020 | .0013130 | -.001288 |
| Stddev | .0090214 | .000157  | .000134  | .000590  | .0002424 | .0064331 | .001691  |
| %RSD   | 9.085576 | 3.625488 | 118.1412 | 93.86943 | 60.29209 | 489.9433 | 131.3141 |
| #1     | .1024903 | -.004392 | -.000023 | .000020  | .0002794 | -.005870 | -.002697 |
| #2     | .0891087 | -.004452 | -.000050 | -.000771 | .0006812 | .006545  | .000588  |
| #3     | .1062806 | -.004155 | -.000267 | -.001135 | .0002454 | .003264  | -.001754 |

Sample Name: PB167260BL      Acquired: 3/25/2025 11:14:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000306 | .0050456 | -.000005 |
| Stddev | .001601  | .0004759 | .000027  |
| %RSD   | 522.5099 | 9.432635 | 528.3246 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001164 | .0046285 | .000025  |
| #2 | -.001296 | .0055640 | -.000014 |
| #3 | .001541  | .0049443 | -.000026 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3368.906 | 76948.45 | 16088.56 | 2193.292 | 5433.822 |
| Stddev    | 7.079    | 164.74   | 154.66   | 2.851    | 9.420    |
| %RSD      | .2101352 | .2140901 | .9613053 | .1299676 | .1733503 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3373.342 | 76759.32 | 15962.29 | 2190.213 | 5438.893 |
| #2 | 3372.634 | 77060.65 | 16042.34 | 2193.822 | 5439.620 |
| #3 | 3360.741 | 77025.39 | 16261.06 | 2195.840 | 5422.954 |

Sample Name: PB167260BS      Acquired: 3/25/2025 11:18:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7693053 | 1.948246 | .9147698 | 1.977115 | .8029216 | 1.860170 |
| Stddev | .0074812 | .005695  | .0020067 | .005676  | .0044358 | .009387  |
| %RSD   | .9724585 | .2922993 | .2193715 | .2870737 | .5524631 | .5046103 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7672233 | 1.953256 | .9127857 | 1.971836 | .8022639 | 1.857648 |
| #2 | .7630857 | 1.942053 | .9147253 | 1.976391 | .7988514 | 1.870560 |
| #3 | .7776070 | 1.949429 | .9167985 | 1.983118 | .8076496 | 1.852302 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1718295 | .1784389 | .1821547 | .9337822 | .3981504 | .1862542 |
| Stddev | .0009241 | .0003637 | .0003383 | .0132431 | .0062321 | .0008632 |
| %RSD   | .5377832 | .2038473 | .1857059 | 1.418217 | 1.565271 | .4634601 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1708150 | .1783728 | .1821676 | .9262074 | .3965097 | .1859580 |
| #2 | .1726231 | .1788311 | .1818101 | .9490738 | .3929028 | .1855780 |
| #3 | .1720504 | .1781127 | .1824863 | .9260654 | .4050388 | .1872265 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3057226 | 2.930020 | .1807393 | 1.780621 | .4664487 | .0754636 |
| Stddev | .0010846 | .051002  | .0004932 | .009925  | .0013638 | .0014410 |
| %RSD   | .3547540 | 1.740681 | .2728999 | .5574097 | .2923865 | 1.909524 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3055299 | 2.901722 | .1806794 | 1.788036 | .4665715 | .0748637 |
| #2 | .3047473 | 2.899440 | .1812597 | 1.784481 | .4650276 | .0744194 |
| #3 | .3068905 | 2.988897 | .1802787 | 1.769346 | .4677469 | .0771076 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.788649 | .2762820 | .2037529 | 9.820820 | .2569180 | .3989475 |
| Stddev | .067245  | .0014262 | .0031157 | .167500  | .0008898 | .0018377 |
| %RSD   | 2.411398 | .5161968 | 1.529175 | 1.705556 | .3463175 | .4606454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.757322 | .2763181 | .2032455 | 9.749555 | .2559341 | .3983561 |
| #2 | 2.742783 | .2776898 | .2009220 | 9.700738 | .2576662 | .3974783 |
| #3 | 2.865843 | .2748381 | .2070912 | 10.01217 | .2571536 | .4010082 |

Sample Name: PB167260BS      Acquired: 3/25/2025 11:18:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6450455 | .1819035 | .7797914 | 5.355566 | F -.009680 | .1883406 |
| Stddev | .0027374 | .0007019 | .0205111 | .011881  | .003846    | .0021829 |
| %RSD   | .4243665 | .3858594 | 2.630338 | .2218453 | 39.73100   | 1.159044 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6462309 | .1820665 | .7685719 | 5.347315 | -.014109 | .1888449 |
| #2 | .6419153 | .1825096 | .7673374 | 5.350201 | -.007191 | .1902273 |
| #3 | .6469905 | .1811345 | .8034649 | 5.369184 | -.007739 | .1859496 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1813859 |
| Stddev | .0009495 |
| %RSD   | .5234611 |

|    |          |
|----|----------|
| #1 | .1808860 |
| #2 | .1824809 |
| #3 | .1807908 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3296.982 | 74230.18 | 15888.24 | 2130.100 | 5198.215 |
| Stddev    | 13.855   | 1017.87  | 105.72   | 21.261   | 13.626   |
| %RSD      | .4202401 | 1.371228 | .6653957 | .9981328 | .2621208 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3298.983 | 74535.55 | 15851.70 | 2128.171 | 5194.506 |
| #2 | 3309.728 | 75060.40 | 15805.63 | 2152.260 | 5213.311 |
| #3 | 3282.235 | 73094.58 | 16007.38 | 2109.869 | 5186.828 |

Sample Name: Q1625-01      Acquired: 3/25/2025 11:22:52      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1098751 | -.003029 | 1.645089 | -.046871 | .0010602 | 223.9360 |
| Stddev | .0010776 | .004138  | .004506  | .003617  | .0027669 | 1.0659   |
| %RSD   | .9807784 | 136.5935 | .2739153 | 7.716705 | 260.9802 | .4759776 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1110622 | -.000960 | 1.639951 | -.044096 | -.002069 | 225.0677 |
| #2 | .1089585 | -.007794 | 1.646945 | -.050962 | .003184  | 223.7892 |
| #3 | .1096047 | -.000334 | 1.648371 | -.045555 | .002066  | 222.9512 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.099707 | .0149487 | .0246882 | 300.6058 | .2697945 | .2917591 |
| Stddev | .006137  | .0001830 | .0002739 | 1.6602   | .0000971 | .0006295 |
| %RSD   | .1979787 | 1.224459 | 1.109217 | .5523005 | .0359840 | .2157679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.096299 | .0147780 | .0245087 | 299.0654 | .2697602 | .2910364 |
| #2 | 3.106792 | .0149260 | .0245525 | 300.3878 | .2699041 | .2920529 |
| #3 | 3.096031 | .0151420 | .0250034 | 302.3643 | .2697193 | .2921880 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.778285 | 285.4472 | 8.450724 | 131.7657 | .5092336 | .0008948 |
| Stddev | .003515  | .3440    | .015055  | .1174    | .0009008 | .0002468 |
| %RSD   | .1976773 | .1204974 | .1781540 | .0890939 | .1768987 | 27.57746 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.775416 | 285.8387 | 8.449419 | 131.9002 | .5082363 | .0011549 |
| #2 | 1.777234 | 285.3096 | 8.466389 | 131.7129 | .5099882 | .0008655 |
| #3 | 1.782207 | 285.1933 | 8.436363 | 131.6839 | .5094764 | .0006640 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1251.790 | .3776254 | 3.359551 | 52.19399 | .2181501 | .0084286 |
| Stddev | 16.191   | .0008959 | .006411  | .10315   | .0030483 | .0002075 |
| %RSD   | 1.293408 | .2372363 | .1908204 | .1976209 | 1.397317 | 2.461243 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1269.868 | .3783183 | 3.363616 | 52.26538 | .2208064 | .0083193 |
| #2 | 1238.625 | .3766137 | 3.362877 | 52.24086 | .2148220 | .0082986 |
| #3 | 1246.875 | .3779440 | 3.352161 | 52.07573 | .2188219 | .0086678 |

Sample Name: Q1625-01      Acquired: 3/25/2025 11:22:52      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0697172 | 3.498348 | F 100.2719 | F 22.38384 | F 54.40447 | .4551941 |
| Stddev | .0013351 | .008268  | .0689      | .04931     | .12416     | .0017585 |
| %RSD   | 1.914983 | .2363399 | .0687556   | .2202924   | .2282147   | .3863280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0696447 | 3.506694 | 100.3385 | 22.32907 | 54.29069 | .4563630 |
| #2 | .0710870 | 3.498189 | 100.2008 | 22.39773 | 54.38581 | .4560476 |
| #3 | .0684198 | 3.490161 | 100.2763 | 22.42471 | 54.53690 | .4531717 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.895910 |
| Stddev | .019441  |
| %RSD   | 1.025410 |

|    |          |
|----|----------|
| #1 | 1.912799 |
| #2 | 1.900271 |
| #3 | 1.874658 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3579.288 | 84115.58 | 20415.67 | 2359.445 | 3449.642 |
| Stddev    | 4.801    | 109.47   | 21.88    | 15.629   | 1.784    |
| %RSD      | .1341194 | .1301420 | .1071512 | .6623845 | .0517277 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3574.301 | 83990.70 | 20432.92 | 2342.867 | 3451.620 |
| #2 | 3583.878 | 84161.01 | 20391.06 | 2361.560 | 3449.153 |
| #3 | 3579.686 | 84195.01 | 20423.02 | 2373.908 | 3448.153 |



Sample Name: CCV02      Acquired: 3/25/2025 11:27:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.949085 | 4.938818 | 4.811853 | 4.981389 | 4.997254 | 9.678502 | 9.382511 |
| Stddev | .004799  | .046339  | .002398  | .014077  | .017504  | .030141  | .012459  |
| %RSD   | .0969756 | .9382662 | .0498285 | .2825905 | .3502636 | .3114171 | .1327869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.952632 | 4.888112 | 4.810020 | 4.982946 | 5.005992 | 9.643974 | 9.374866 |
| #2 | 4.943624 | 4.949373 | 4.810971 | 4.966598 | 4.977101 | 9.691981 | 9.396887 |
| #3 | 4.951000 | 4.978970 | 4.814566 | 4.994622 | 5.008668 | 9.699551 | 9.375779 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2338288 | 2.388126 | 23.23172 | .9867663 | 2.397965 | 1.245421 | 4.816656 |
| Stddev | .0009660 | .002763  | .05900   | .0049441 | .004758  | .002960  | .028525  |
| %RSD   | .4131140 | .1157006 | .2539532 | .5010455 | .1984206 | .2376872 | .5922228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2327148 | 2.388243 | 23.18881 | .9921302 | 2.395306 | 1.248236 | 4.848008 |
| #2 | .2343370 | 2.385306 | 23.20734 | .9857772 | 2.395131 | 1.242334 | 4.809724 |
| #3 | .2344346 | 2.390828 | 23.29900 | .9823914 | 2.403459 | 1.245693 | 4.792236 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.303261 | 23.37452 | 2.393637 | 1.233049 | 24.34427 | 2.382425 | 2.485342 |
| Stddev | .007649  | .06731   | .004133  | .001556  | .16001   | .012867  | .000537  |
| %RSD   | .3320784 | .2879549 | .1726619 | .1261632 | .6572820 | .5400633 | .0215968 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.299318 | 23.31262 | 2.391599 | 1.234736 | 24.52276 | 2.370235 | 2.485948 |
| #2 | 2.298389 | 23.36478 | 2.390920 | 1.232738 | 24.21369 | 2.381163 | 2.485155 |
| #3 | 2.312077 | 23.44617 | 2.398393 | 1.231672 | 24.29636 | 2.395876 | 2.484924 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.89040 | 4.664034 | 4.999152 | 4.819461 | 4.726608 | 5.296756 | 4.852573 |
| Stddev | .09960   | .017032  | .006450  | .005011  | .012076  | .010729  | .022419  |
| %RSD   | .4001621 | .3651875 | .1290318 | .1039761 | .2554975 | .2025585 | .4620008 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.99112 | 4.644929 | 5.000577 | 4.817970 | 4.718464 | 5.296181 | 4.833232 |
| #2 | 24.79196 | 4.669542 | 4.992108 | 4.815365 | 4.720878 | 5.286326 | 4.847341 |
| #3 | 24.88811 | 4.677630 | 5.004771 | 4.825049 | 4.740483 | 5.307761 | 4.877145 |

Sample Name: CCV02      Acquired: 3/25/2025 11:27:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.778946 | 4.768750 | 4.733150 |
| Stddev | .019852  | .016379  | .081622  |
| %RSD   | .4154068 | .3434562 | 1.724477 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.762422 | 4.753493 | 4.646028 |
| #2 | 4.773449 | 4.766701 | 4.745573 |
| #3 | 4.800968 | 4.786057 | 4.807848 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3229.920 | 73067.89 | 15024.72 | 2107.431 | 4784.874 |
| Stddev    | 6.524    | 227.40   | 33.08    | 4.350    | 4.883    |
| %RSD      | .2019714 | .3112186 | .2201656 | .2063901 | .1020607 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3223.248 | 72806.84 | 15055.26 | 2103.561 | 4783.531 |
| #2 | 3236.284 | 73222.89 | 15029.32 | 2112.139 | 4790.289 |
| #3 | 3230.228 | 73173.95 | 14989.58 | 2106.593 | 4780.803 |

Sample Name: CCB02      Acquired: 3/25/2025 11:31:40      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.000303 | -.000802 | -.000653 | .0007630 | -.000149 | -.005639 | -.008450 |
| Stddev | .001612  | .000813  | .000553  | .0017240 | .000776  | .002045  | .000393  |
| %RSD   | 532.7146 | 101.3454 | 84.71313 | 225.9544 | 520.9424 | 36.26836 | 4.653117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000003  | -.000429 | -.000408 | -.001227 | -.000048 | -.003691 | -.008868 |
| #2 | .001134  | -.000243 | -.001287 | .001809  | .000572  | -.007769 | -.008088 |
| #3 | -.002045 | -.001735 | -.000265 | .001707  | -.000970 | -.005457 | -.008394 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000202 | -.000115 | .0057101 | .0000197 | -.000106 | -.000298 | -.008129 |
| Stddev | .0000204 | .000063  | .0036831 | .0004364 | .000191  | .000448  | .002001  |
| %RSD   | 101.1167 | 54.77846 | 64.50106 | 2217.084 | 181.0020 | 150.3866 | 24.61665 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | -.000182 | .0026265 | -.000482 | -.000261 | -.000721 | -.009485 |
| #2 | .000022  | -.000106 | .0047155 | .000227  | -.000164 | -.000344 | -.009072 |
| #3 | .000039  | -.000057 | .0097884 | .000313  | .000108  | .000171  | -.005831 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001133 | .0018246 | -.000024 | .0006330 | .1562390 | .0011773 | -.000791 |
| Stddev | .000107  | .0066456 | .000074  | .0001604 | .0118347 | .0007003 | .000332  |
| %RSD   | 9.421541 | 364.2214 | 312.7888 | 25.33153 | 7.574708 | 59.48726 | 41.90031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001054 | -.001128 | -.000109 | .0005232 | .1425743 | .0004216 | -.000515 |
| #2 | -.001255 | -.002833 | .000024  | .0008171 | .1629497 | .0018044 | -.001159 |
| #3 | -.001090 | .009435  | .000014  | .0005588 | .1631932 | .0013059 | -.000700 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2198264 | -.000473 | .0003732 | -.003891 | .0013076 | .0139503 | -.003915 |
| Stddev | .0141811 | .000407  | .0000863 | .000229  | .0005998 | .0079805 | .000856  |
| %RSD   | 6.451053 | 86.04108 | 23.13152 | 5.894970 | 45.87085 | 57.20674 | 21.85589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2130194 | -.000928 | .0003492 | -.004141 | .0008549 | .0121277 | -.003441 |
| #2 | .2361277 | -.000147 | .0003014 | -.003690 | .0019879 | .0226845 | -.004902 |
| #3 | .2103322 | -.000343 | .0004690 | -.003843 | .0010800 | .0070388 | -.003400 |

Sample Name: CCB02      Acquired: 3/25/2025 11:31:40      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0018177 | .0025300 | .0001522 |
| Stddev | .0040682 | .0009045 | .0000297 |
| %RSD   | 223.8101 | 35.75240 | 19.48658 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0020701 | .0030081 | .0001212 |
| #2 | -.002371 | .0030952 | .0001552 |
| #3 | .005754  | .0014867 | .0001803 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3335.182 | 76102.20 | 15516.77 | 2185.301 | 5337.177 |
| Stddev    | 5.865    | 206.71   | 126.06   | 6.318    | 12.429   |
| %RSD      | .1758553 | .2716226 | .8124394 | .2891143 | .2328815 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3338.576 | 76095.60 | 15650.68 | 2190.050 | 5339.806 |
| #2 | 3338.560 | 75898.86 | 15499.24 | 2178.130 | 5348.081 |
| #3 | 3328.409 | 76312.13 | 15400.39 | 2187.724 | 5323.643 |

Sample Name: Q1625-01DUP      Acquired: 3/25/2025 11:35:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1118370 | -.005062 | 1.634061 | -.048881 | -.000257 | 225.9902 |
| Stddev | .0005115 | .003652  | .011666  | .002839  | .001710  | 2.5762   |
| %RSD   | .4573908 | 72.13515 | .7139153 | 5.808802 | 664.2853 | 1.139976 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1123796 | -.009093 | 1.627802 | -.049627 | -.002231 | 228.7803 |
| #2 | .1117679 | -.001974 | 1.647520 | -.045743 | .000759  | 223.7016 |
| #3 | .1113636 | -.004120 | 1.626860 | -.051273 | .000700  | 225.4888 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.137515 | .0150022 | .0238670 | 303.6432 | .2686035 | .2907266 |
| Stddev | .016761  | .0002305 | .0006342 | 3.2178   | .0009270 | .0015020 |
| %RSD   | .5342191 | 1.536690 | 2.657375 | 1.059720 | .3451212 | .5166348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.155958 | .0152156 | .0236746 | 307.2133 | .2689618 | .2896793 |
| #2 | 3.123210 | .0147577 | .0245751 | 300.9666 | .2675508 | .2924474 |
| #3 | 3.133377 | .0150333 | .0233512 | 302.7498 | .2692978 | .2900530 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.763850 | 289.9678 | 8.533178 | 131.7673 | .5069212 | .0011753 |
| Stddev | .005778  | 1.5979   | .077517  | .9713    | .0030391 | .0004156 |
| %RSD   | .3275586 | .5510627 | .9084156 | .7371685 | .5995282 | 35.36242 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.762333 | 288.7054 | 8.616773 | 132.8662 | .5046011 | .0008179 |
| #2 | 1.770236 | 289.4336 | 8.463673 | 131.0236 | .5103614 | .0016314 |
| #3 | 1.758983 | 291.7643 | 8.519087 | 131.4119 | .5058012 | .0010767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1286.035 | .3779125 | 3.396990 | 52.90546 | .2476538 | .0085338 |
| Stddev | 9.252    | .0019847 | .013256  | .34622   | .0087944 | .0004314 |
| %RSD   | .7194196 | .5251758 | .3902340 | .6544109 | 3.551093 | 5.055054 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1277.265 | .3801444 | 3.382622 | 52.51320 | .2377333 | .0080437 |
| #2 | 1295.704 | .3772475 | 3.399602 | 53.03473 | .2507353 | .0087017 |
| #3 | 1285.135 | .3763457 | 3.408745 | 53.16845 | .2544928 | .0088559 |

Sample Name: Q1625-01DUP      Acquired: 3/25/2025 11:35:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .0686246 | 3.523595 | F 102.3497 | F 22.26294 | F 54.12376 | .4550287 |
| Stddev | .0017811 | .024169  | .7551      | .07928     | .28322     | .0006579 |
| %RSD   | 2.595465 | .6859184 | .7377951   | .3560909   | .5232761   | .1445794 |
| #1     | .0705832 | 3.550808 | 101.4931   | 22.20725   | 53.92608   | .4547971 |
| #2     | .0681885 | 3.504627 | 102.6367   | 22.35370   | 54.44822   | .4545180 |
| #3     | .0671019 | 3.515351 | 102.9191   | 22.22788   | 53.99697   | .4557711 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.939912 |
| Stddev | .029730  |
| %RSD   | 1.532539 |
| #1     | 1.957453 |
| #2     | 1.905586 |
| #3     | 1.956698 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3575.324 | 83198.06 | 20457.06 | 2343.632 | 3441.536 |
| Stddev    | 6.567    | 239.28   | 198.40   | 10.327   | 15.110   |
| %RSD      | .1836697 | .2875982 | .9698548 | .4406221 | .4390510 |
| #1        | 3575.377 | 83420.34 | 20230.49 | 2350.896 | 3449.952 |
| #2        | 3568.731 | 83229.05 | 20599.69 | 2348.189 | 3424.092 |
| #3        | 3581.864 | 82944.80 | 20541.02 | 2331.811 | 3450.564 |

Sample Name: Q1625-01LX5      Acquired: 3/25/2025 11:40:36      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241706 | .0018044 | .3519494 | -.009749 | -.002577 | 56.12492 |
| Stddev | .0019578 | .0026001 | .0028908 | .003801  | .000770  | .19091   |
| %RSD   | 8.100034 | 144.1003 | .8213648 | 38.98831 | 29.86241 | .3401584 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0228026 | .0000240 | .3500795 | -.010482 | -.003453 | 56.20654 |
| #2 | .0232959 | .0047882 | .3504896 | -.005635 | -.002008 | 56.26146 |
| #3 | .0264132 | .0006010 | .3552790 | -.013129 | -.002271 | 55.90677 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7936707 | .0039777 | -.000540 | 82.18990 | .0739218 | .0598441 |
| Stddev | .0021462 | .0000626 | .000183  | .20982   | .0007816 | .0001872 |
| %RSD   | .2704159 | 1.574830 | 33.85391 | .2552848 | 1.057310 | .3127663 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7949148 | .0039431 | -.000719 | 82.40477 | .0737373 | .0597876 |
| #2 | .7949048 | .0040500 | -.000546 | 82.17942 | .0747792 | .0596916 |
| #3 | .7911925 | .0039400 | -.000354 | 81.98553 | .0732490 | .0600530 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5056939 | 75.49517 | 2.282116 | 34.68976 | .1069377 | .0010581 |
| Stddev | .0028479 | .24914   | .007949  | .13393   | .0007778 | .0001327 |
| %RSD   | .5631692 | .3300031 | .3483297 | .3860754 | .7272957 | 12.53647 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5038699 | 75.68622 | 2.290040 | 34.81753 | .1062656 | .0011830 |
| #2 | .5042363 | 75.58591 | 2.282167 | 34.70133 | .1067578 | .0010724 |
| #3 | .5089756 | 75.21339 | 2.274142 | 34.55043 | .1077896 | .0009189 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 320.9831 | .1013007 | .8686512 | 12.08275 | .0711645 | .0021994 |
| Stddev | 2.8666   | .0001752 | .0043586 | .09509   | .0010079 | .0003877 |
| %RSD   | .8930654 | .1729793 | .5017605 | .7869955 | 1.416256 | 17.62788 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 321.0217 | .1011789 | .8641145 | 12.09750 | .0718847 | .0021107 |
| #2 | 323.8303 | .1012217 | .8728065 | 12.16960 | .0700127 | .0026238 |
| #3 | 318.0975 | .1015015 | .8690326 | 11.98114 | .0715961 | .0018638 |

Sample Name: Q1625-01LX5      Acquired: 3/25/2025 11:40:36      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
|--------|----------|----------|------------|----------|------------|----------|
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0082532 | .9326456 | F 25.05334 | 4.347801 | F 10.54858 | .1235253 |
| Stddev | .0000879 | .0060975 | .08576     | .002472  | .03055     | .0019596 |
| %RSD   | 1.065259 | .6537844 | .3423090   | .0568484 | .2896582   | 1.586354 |
| #1     | .0083499 | .9354555 | 25.02072   | 4.345378 | 10.53598   | .1255625 |
| #2     | .0082315 | .9368315 | 25.15062   | 4.347708 | 10.52634   | .1233593 |
| #3     | .0081781 | .9256498 | 24.98867   | 4.350318 | 10.58342   | .1216540 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5045506 |
| Stddev | .0022359 |
| %RSD   | .4431457 |
| #1     | .5063069 |
| #2     | .5053111 |
| #3     | .5020336 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3191.944 | 73004.48 | 16978.13 | 2098.807 | 4190.319 |
| Stddev    | 9.363    | 224.20   | 38.84    | 4.713    | 9.306    |
| %RSD      | .2933453 | .3070994 | .2287384 | .2245654 | .2220928 |
| #1        | 3202.315 | 73000.10 | 16944.15 | 2102.798 | 4198.994 |
| #2        | 3189.406 | 72782.51 | 16969.77 | 2093.607 | 4191.474 |
| #3        | 3184.111 | 73230.84 | 17020.46 | 2100.014 | 4180.489 |



Sample Name: Q1625-01MS      Acquired: 3/25/2025 11:44:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7102945 | 1.728061 | 2.016958 | 1.483338 | .3017434 | 134.7249 |
| Stddev | .0023695 | .013079  | .004085  | .004103  | .0025016 | .0639    |
| %RSD   | .3335926 | .7568356 | .2025556 | .2765764 | .8290321 | .0474588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7130301 | 1.714779 | 2.019312 | 1.486542 | .2988659 | 134.7495 |
| #2 | .7088834 | 1.740926 | 2.012240 | 1.478714 | .3034010 | 134.6524 |
| #3 | .7089700 | 1.728477 | 2.019321 | 1.484756 | .3029633 | 134.7729 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.621102 | .1478379 | .2029500 | 322.6448 | .4515909 | .3897321 |
| Stddev | .004988  | .0013326 | .0003816 | .5067    | .0078081 | .0005694 |
| %RSD   | .1903044 | .9014206 | .1880103 | .1570551 | 1.729019 | .1461006 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.619493 | .1463867 | .2033465 | 322.5349 | .4456948 | .3892392 |
| #2 | 2.617117 | .1490067 | .2029179 | 323.1975 | .4486319 | .3896016 |
| #3 | 2.626696 | .1481203 | .2025854 | 322.2021 | .4604460 | .3903554 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.643869 | 188.1087 | 8.594196 | 112.3587 | .7817404 | .0678317 |
| Stddev | .001189  | 3.1130   | .035040  | .3801    | .0021515 | .0004692 |
| %RSD   | .0723339 | 1.654889 | .4077192 | .3383305 | .2752163 | .6917453 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.642754 | 186.5923 | 8.554122 | 111.9240 | .7803210 | .0675081 |
| #2 | 1.645121 | 186.0446 | 8.609404 | 112.6286 | .7806845 | .0676172 |
| #3 | 1.643732 | 191.6894 | 8.619064 | 112.5235 | .7842159 | .0683699 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1375.518 | .4704518 | 3.158859 | 53.92995 | .4651276 | .2806964 |
| Stddev | 17.007   | .0007076 | .034282  | .91249   | .0066806 | .0012453 |
| %RSD   | 1.236405 | .1504020 | 1.085251 | 1.691987 | 1.436291 | .4436324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1368.989 | .4699296 | 3.144087 | 53.64086 | .4616016 | .2798698 |
| #2 | 1362.743 | .4712571 | 3.134440 | 53.19702 | .4609487 | .2800907 |
| #3 | 1394.822 | .4701688 | 3.198050 | 54.95196 | .4728324 | .2821286 |

Sample Name: Q1625-01MS      Acquired: 3/25/2025 11:44:53      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
|--------|----------|----------|------------|------------|------------|----------|
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .5812204 | 2.463304 | F 102.1175 | F 18.21081 | F 47.06106 | .4075808 |
| Stddev | .0022287 | .002822  | 1.6416     | .07061     | .15326     | .0026677 |
| %RSD   | .3834457 | .1145598 | 1.607599   | .3877372   | .3256669   | .6545079 |
| #1     | .5788892 | 2.463169 | 101.5277   | 18.16509   | 47.02899   | .4071194 |
| #2     | .5833299 | 2.460553 | 100.8523   | 18.17522   | 46.92636   | .4051740 |
| #3     | .5814422 | 2.466192 | 103.9726   | 18.29214   | 47.22781   | .4104491 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 2.240596 |
| Stddev | .018415  |
| %RSD   | .8218847 |
| #1     | 2.228050 |
| #2     | 2.261737 |
| #3     | 2.232001 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3322.546 | 76023.72 | 18643.42 | 2182.865 | 3526.746 |
| Stddev    | 3.120    | 1015.03  | 106.77   | 19.745   | .975     |
| %RSD      | .0938974 | 1.335155 | .5726876 | .9045260 | .0276585 |
| #1        | 3324.445 | 76675.16 | 18735.84 | 2186.126 | 3527.577 |
| #2        | 3318.945 | 76541.80 | 18526.54 | 2200.776 | 3526.989 |
| #3        | 3324.248 | 74854.19 | 18667.87 | 2161.693 | 3525.672 |

Sample Name: Q1625-01MSD      Acquired: 3/25/2025 11:49:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7048371 | 1.722154 | 1.998177 | 1.450770 | .2965368 | 134.8988 |
| Stddev | .0042020 | .006935  | .006931  | .011435  | .0020212 | .2418    |
| %RSD   | .5961717 | .4027218 | .3468452 | .7882171 | .6816161 | .1792748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7071538 | 1.715789 | 1.991876 | 1.463974 | .2985966 | 134.6527 |
| #2 | .7073710 | 1.729546 | 1.997055 | 1.444234 | .2945565 | 135.1362 |
| #3 | .6999867 | 1.721129 | 2.005600 | 1.444102 | .2964574 | 134.9073 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.642609 | .1495586 | .2019392 | 328.1904 | .4470975 | .3886389 |
| Stddev | .005511  | .0014096 | .0011351 | 4.6145   | .0005736 | .0020276 |
| %RSD   | .2085586 | .9424924 | .5620781 | 1.406055 | .1282926 | .5217191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.637033 | .1479919 | .2010058 | 322.9664 | .4475485 | .3871698 |
| #2 | 2.648053 | .1499599 | .2016090 | 329.8931 | .4464520 | .3877947 |
| #3 | 2.642741 | .1507241 | .2032027 | 331.7116 | .4472922 | .3909522 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.630510 | 184.5333 | 8.658144 | 112.6675 | .7815266 | .0666693 |
| Stddev | .005055  | .5687    | .054598  | .8193    | .0028289 | .0002746 |
| %RSD   | .3100458 | .3081759 | .6305943 | .7271462 | .3619670 | .4119338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.626264 | 184.9752 | 8.595652 | 111.7223 | .7793228 | .0665115 |
| #2 | 1.629163 | 184.7331 | 8.696601 | 113.1057 | .7805405 | .0665100 |
| #3 | 1.636102 | 183.8917 | 8.682180 | 113.1744 | .7847165 | .0669864 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1369.469 | .4714584 | 3.120239 | 52.57710 | .4581882 | .2787640 |
| Stddev | 3.207    | .0015884 | .012322  | .32215   | .0011370 | .0001615 |
| %RSD   | .2342058 | .3369192 | .3949031 | .6127107 | .2481441 | .0579306 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1369.832 | .4697604 | 3.112297 | 52.89573 | .4591446 | .2785821 |
| #2 | 1366.096 | .4717066 | 3.134434 | 52.58403 | .4584889 | .2788906 |
| #3 | 1372.480 | .4729080 | 3.113986 | 52.25155 | .4569311 | .2788193 |

Sample Name: Q1625-01MSD      Acquired: 3/25/2025 11:49:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .5772573 | 2.488695 | F 99.89951 | F 18.19783 | F 46.53133 | .4053061 |
| Stddev | .0013178 | .007051  | .54286     | .06710     | .13699     | .0009343 |
| %RSD   | .2282934 | .2833165 | .5434035   | .3687085   | .2944093   | .2305189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5758447 | 2.481416 | 100.4519 | 18.16152 | 46.48628 | .4062356 |
| #2 | .5774737 | 2.495494 | 99.8799  | 18.15671 | 46.42253 | .4053157 |
| #3 | .5784536 | 2.489176 | 99.3667  | 18.27526 | 46.68517 | .4043670 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.246977 |
| Stddev | .012086  |
| %RSD   | .5378586 |

|    |          |
|----|----------|
| #1 | 2.260822 |
| #2 | 2.238540 |
| #3 | 2.241569 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3362.063 | 77628.47 | 18488.46 | 2230.709 | 3556.097 |
| Stddev    | 3.164    | 31.06    | 170.58   | 9.067    | 7.213    |
| %RSD      | .0941229 | .0400062 | .9226174 | .4064835 | .2028471 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3364.378 | 77619.04 | 18682.78 | 2238.493 | 3564.074 |
| #2 | 3358.457 | 77603.22 | 18419.17 | 2220.753 | 3554.187 |
| #3 | 3363.354 | 77663.15 | 18363.44 | 2232.883 | 3550.031 |

Sample Name: Q1625-01A      Acquired: 3/25/2025 11:53:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7200494 | 1.715337 | 2.168362 | 1.514350 | .6552660 | 167.4225 |
| Stddev | .0065058 | .008378  | .011261  | .000673  | .0014638 | .1044    |
| %RSD   | .9035165 | .4884287 | .5193347 | .0444282 | .2233951 | .0623602 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7169395 | 1.724608 | 2.166879 | 1.514647 | .6536244 | 167.4633 |
| #2 | .7156822 | 1.708308 | 2.157916 | 1.513579 | .6564355 | 167.5004 |
| #3 | .7275264 | 1.713094 | 2.180291 | 1.514823 | .6557382 | 167.3039 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.862064 | .1441370 | .2031899 | 313.6235 | .4761489 | .4197020 |
| Stddev | .007922  | .0001691 | .0007878 | 1.5160   | .0018181 | .0010985 |
| %RSD   | .2767892 | .1173398 | .3877076 | .4833694 | .3818239 | .2617349 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.860521 | .1443274 | .2029031 | 312.8181 | .4759094 | .4190891 |
| #2 | 2.870643 | .1440795 | .2025856 | 315.3722 | .4780749 | .4190466 |
| #3 | 2.855027 | .1440042 | .2040809 | 312.6802 | .4744625 | .4209702 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.744258 | 229.4220 | 8.607325 | 119.2689 | .8455100 | .0655341 |
| Stddev | .003033  | .7102    | .025519  | .0489    | .0024054 | .0003132 |
| %RSD   | .1738725 | .3095642 | .2964852 | .0409716 | .2844943 | .4778926 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.742717 | 228.7022 | 8.607814 | 119.2314 | .8442427 | .0652143 |
| #2 | 1.742306 | 230.1222 | 8.632597 | 119.2511 | .8440032 | .0658402 |
| #3 | 1.747752 | 229.4416 | 8.581565 | 119.3241 | .8482841 | .0655478 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1320.067 | .5112516 | 3.270131 | 56.23714 | .4425511 | .3059647 |
| Stddev | 6.798    | .0006917 | .016648  | .17498   | .0013814 | .0006057 |
| %RSD   | .5150090 | .1352898 | .5090803 | .3111443 | .3121519 | .1979737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1314.819 | .5104963 | 3.279640 | 56.06597 | .4414118 | .3053832 |
| #2 | 1327.747 | .5114047 | 3.279844 | 56.41570 | .4421538 | .3059187 |
| #3 | 1317.635 | .5118540 | 3.250908 | 56.22976 | .4440877 | .3065921 |

Sample Name: Q1625-01A      Acquired: 3/25/2025 11:53:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | .7232175 | 3.039848 | F 98.89574 | F 21.96572 | F 48.60308 | .4858017 |
| Stddev | .0045768 | .003889  | .13081     | .09647     | .15239     | .0007567 |
| %RSD   | .6328342 | .1279431 | .1322712   | .4391673   | .3135305   | .1557552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7184861 | 3.038506 | 98.74469 | 21.91697 | 48.67261 | .4860760 |
| #2 | .7235442 | 3.044231 | 98.97048 | 21.90336 | 48.42833 | .4863830 |
| #3 | .7276221 | 3.036808 | 98.97204 | 22.07683 | 48.70831 | .4849462 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.141766 |
| Stddev | .005343  |
| %RSD   | .2494861 |

|    |          |
|----|----------|
| #1 | 2.136984 |
| #2 | 2.140780 |
| #3 | 2.147533 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3441.691 | 79813.48 | 19374.18 | 2275.751 | 3528.101 |
| Stddev    | 1.343    | 157.01   | 14.65    | 11.355   | 5.708    |
| %RSD      | .0390334 | .1967228 | .0756353 | .4989754 | .1617826 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3443.012 | 79985.51 | 19380.13 | 2272.862 | 3527.934 |
| #2 | 3441.734 | 79677.91 | 19357.49 | 2266.119 | 3533.891 |
| #3 | 3440.327 | 79777.00 | 19384.93 | 2288.272 | 3522.479 |

Sample Name: PB167273BL      Acquired: 3/25/2025 11:58:09      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001629 | -.000669 | -.000820 | .0010756 | -.000774 | -.002339 |
| Stddev | .001853  | .000444  | .001094  | .0008780 | .000633  | .000837  |
| %RSD   | 113.7476 | 66.34479 | 133.4780 | 81.62298 | 81.81643 | 35.80322 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001945 | -.000268 | .000314  | .0020419 | -.000467 | -.002758 |
| #2 | -.003304 | -.000592 | -.000904 | .0003269 | -.001503 | -.001375 |
| #3 | .000362  | -.001146 | -.001869 | .0008581 | -.000353 | -.002884 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.008661 | .0000691 | -.000128 | .0057693 | -.000014 | -.000153 |
| Stddev | .000828  | .0000157 | .000029  | .0017929 | .000116  | .000171  |
| %RSD   | 9.564428 | 22.65088 | 22.48445 | 31.07729 | 840.3832 | 112.0277 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.008758 | .0000718 | -.000095 | .0041641 | -.000091 | -.000063 |
| #2 | -.009437 | .0000832 | -.000149 | .0077042 | .000119  | -.000045 |
| #3 | -.007789 | .0000523 | -.000139 | .0054396 | -.000069 | -.000350 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000319 | -.000721 | -.000788 | .0104939 | -.000177 | .0007611 |
| Stddev | .000076  | .001358  | .000165  | .0065595 | .000382  | .0002132 |
| %RSD   | 23.79142 | 188.2163 | 20.96840 | 62.50749 | 216.4665 | 28.01535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000403 | -.001599 | -.000930 | .0172986 | .000194  | .0005187 |
| #2 | -.000255 | .000843  | -.000607 | .0042107 | -.000154 | .0009198 |
| #3 | -.000299 | -.001408 | -.000829 | .0099725 | -.000569 | .0008449 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8899605 | .0000500 | -.000917 | .6576570 | -.004769 | -.000007 |
| Stddev | .0483312 | .0002438 | .000110  | .0219961 | .000230  | .000121  |
| %RSD   | 5.430714 | 487.1926 | 12.00724 | 3.344621 | 4.830763 | 1775.811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9431653 | .0000107 | -.000885 | .6391910 | -.004702 | -.000125 |
| #2 | .8779471 | -.000172 | -.000826 | .6819925 | -.005025 | -.000013 |
| #3 | .8487690 | .000311  | -.001039 | .6517874 | -.004579 | .000117  |

Sample Name: PB167273BL      Acquired: 3/25/2025 11:58:09      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.003802 | .0010300 | .0129647 | -.001960 | .0072075 | F .0148289 |
| Stddev | .000680  | .0002181 | .0010113 | .002328  | .0016869 | .0001718   |
| %RSD   | 17.88927 | 21.17156 | 7.800199 | 118.7350 | 23.40548 | 1.158823   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003264 | .0007820 | .0139138 | -.002348 | .0079517 | .0148055 |
| #2 | -.004566 | .0011917 | .0119010 | .000537  | .0052764 | .0150112 |
| #3 | -.003574 | .0011164 | .0130795 | -.004070 | .0083943 | .0146699 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000785 |
| Stddev | .0000090 |
| %RSD   | 11.49838 |

|    |          |
|----|----------|
| #1 | .0000694 |
| #2 | .0000786 |
| #3 | .0000875 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3338.850 | 77829.13 | 15920.82 | 2223.304 | 5348.338 |
| Stddev    | 10.136   | 1179.49  | 81.94    | 26.886   | 17.500   |
| %RSD      | .3035771 | 1.515484 | .5146983 | 1.209299 | .3271977 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3333.773 | 77054.27 | 15975.47 | 2208.917 | 5337.131 |
| #2 | 3332.255 | 77246.56 | 15960.39 | 2206.673 | 5339.380 |
| #3 | 3350.521 | 79186.55 | 15826.60 | 2254.323 | 5368.503 |



Sample Name: PB167273BS      Acquired: 3/25/2025 12:02:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7689607 | 1.931301 | .9164129 | 1.974870 | .8099095 | 1.868395 |
| Stddev | .0015057 | .017196  | .0036698 | .005937  | .0024540 | .004525  |
| %RSD   | .1958126 | .8903733 | .4004523 | .3006215 | .3030010 | .2421997 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7680211 | 1.912937 | .9131307 | 1.972184 | .8077743 | 1.873373 |
| #2 | .7706974 | 1.933944 | .9157328 | 1.970750 | .8125904 | 1.864530 |
| #3 | .7681637 | 1.947022 | .9203752 | 1.981675 | .8093636 | 1.867282 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1722082 | .1735791 | .1826473 | .9369376 | .3930703 | .1865582 |
| Stddev | .0013672 | .0011061 | .0003153 | .0051257 | .0004727 | .0007128 |
| %RSD   | .7939190 | .6372179 | .1726209 | .5470742 | .1202689 | .3821023 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1731208 | .1748552 | .1825974 | .9427970 | .3925266 | .1864912 |
| #2 | .1728675 | .1728947 | .1823598 | .9347313 | .3933005 | .1858812 |
| #3 | .1706363 | .1729874 | .1829845 | .9332844 | .3933839 | .1873021 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3061949 | 2.922583 | .1802488 | 1.789245 | .4673888 | .0736537 |
| Stddev | .0009562 | .024313  | .0011608 | .026176  | .0009851 | .0001642 |
| %RSD   | .3122833 | .8319098 | .6440044 | 1.462978 | .2107778 | .2229398 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3061011 | 2.914030 | .1815647 | 1.780577 | .4666134 | .0737181 |
| #2 | .3052891 | 2.950017 | .1798119 | 1.818655 | .4670556 | .0737759 |
| #3 | .3071946 | 2.903702 | .1793699 | 1.768502 | .4684973 | .0734671 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.171825 | .2776178 | .1978776 | 10.11834 | .2521475 | .4039582 |
| Stddev | .042824  | .0005024 | .0009392 | .06224   | .0027281 | .0008346 |
| %RSD   | 1.350126 | .1809523 | .4746363 | .6151049 | 1.081968 | .2066015 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.133495 | .2779131 | .1989322 | 10.04941 | .2551278 | .4030367 |
| #2 | 3.218045 | .2770378 | .1971312 | 10.13521 | .2515413 | .4041745 |
| #3 | 3.163934 | .2779026 | .1975695 | 10.17041 | .2497735 | .4046633 |

Sample Name: PB167273BS      Acquired: 3/25/2025 12:02:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6477930 | .1854651 | .8015747 | 5.373874 | F -.002691 | .1931536 |
| Stddev | .0020863 | .0009463 | .0097964 | .021524  | .001081    | .0018453 |
| %RSD   | .3220580 | .5102276 | 1.222144 | .4005249 | 40.18062   | .9553326 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6480149 | .1864000 | .7915064 | 5.360321 | -.002846 | .1939699 |
| #2 | .6456047 | .1854875 | .8110744 | 5.362609 | -.001541 | .1944500 |
| #3 | .6497595 | .1845078 | .8021434 | 5.398692 | -.003687 | .1910410 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1828910 |
| Stddev | .0007239 |
| %RSD   | .3958147 |

|    |          |
|----|----------|
| #1 | .1837262 |
| #2 | .1825037 |
| #3 | .1824431 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3297.947 | 75372.97 | 16148.90 | 2151.587 | 5185.287 |
| Stddev    | 5.204    | 156.58   | 100.36   | 3.064    | 9.522    |
| %RSD      | .1577906 | .2077431 | .6214406 | .1423915 | .1836398 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3292.229 | 75427.85 | 16034.52 | 2148.533 | 5179.786 |
| #2 | 3302.406 | 75196.33 | 16189.99 | 2154.661 | 5196.283 |
| #3 | 3299.207 | 75494.72 | 16222.19 | 2151.567 | 5179.793 |

Sample Name: Q1610-02      Acquired: 3/25/2025 12:06:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0886830 | .0047837 | .3267190 | -.068978 | -.011886 | 179.5583 |
| Stddev | .0026728 | .0011709 | .0003567 | .005323  | .001031  | 1.5435   |
| %RSD   | 3.013906 | 24.47714 | .1091768 | 7.716697 | 8.672468 | .8595982 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0913878 | .0057957 | .3266961 | -.063983 | -.012973 | 178.4950 |
| #2 | .0886180 | .0050541 | .3263742 | -.068373 | -.010923 | 181.3287 |
| #3 | .0860434 | .0035012 | .3270865 | -.074577 | -.011762 | 178.8513 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.030891 | .0127679 | .0025970 | 45.14189 | .4035447 | .2697017 |
| Stddev | .001150  | .0000812 | .0006584 | .08809   | .0008272 | .0008938 |
| %RSD   | .1115204 | .6356313 | 25.35285 | .1951405 | .2049751 | .3314150 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.031904 | .0126751 | .0021784 | 45.14526 | .4042823 | .2690999 |
| #2 | 1.031128 | .0128033 | .0022566 | 45.22825 | .4037015 | .2692764 |
| #3 | 1.029642 | .0128254 | .0033559 | 45.05217 | .4026504 | .2707288 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5155309 | 437.6354 | 8.605798 | 64.35325 | .4311658 | -.000888 |
| Stddev | .0020110 | 2.5017   | .025609  | .20343   | .0012409 | .000225  |
| %RSD   | .3900767 | .5716292 | .2975751 | .3161192 | .2878034 | 25.39799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5151721 | 439.1720 | 8.612159 | 64.28266 | .4299095 | -.000887 |
| #2 | .5137235 | 438.9855 | 8.627626 | 64.58257 | .4323907 | -.000663 |
| #3 | .5176971 | 434.7488 | 8.577608 | 64.19451 | .4311972 | -.001114 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.058360 | .7161866 | 1.088392 | 13.25635 | -.186084 | .0034915 |
| Stddev | .016228  | .0021443 | .006719  | .09897   | .004470  | .0001832 |
| %RSD   | .5306098 | .2994113 | .6173790 | .7465812 | 2.402158 | 5.247908 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.074164 | .7148237 | 1.095874 | 13.36202 | -.181126 | .0034949 |
| #2 | 3.041739 | .7186584 | 1.086431 | 13.16583 | -.187318 | .0033066 |
| #3 | 3.059177 | .7150778 | 1.082871 | 13.24119 | -.189806 | .0036730 |

Sample Name: Q1610-02      Acquired: 3/25/2025 12:06:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
|--------|----------|----------|----------|------------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0112018 | 5.168939 | 3.372565 | F 10.61768 | 1.362318 | .4505396 |
| Stddev | .0009342 | .006697  | .014775  | .02785     | .004889  | .0021238 |
| %RSD   | 8.339354 | .1295699 | .4381013 | .2623399   | .3588677 | .4713943 |
| #1     | .0121529 | 5.170192 | 3.387490 | 10.62631   | 1.356676 | .4527190 |
| #2     | .0111670 | 5.174922 | 3.372261 | 10.58653   | 1.365305 | .4504235 |
| #3     | .0102855 | 5.161704 | 3.357945 | 10.64020   | 1.364973 | .4484761 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | -.177079 |
| Stddev | .001766  |
| %RSD   | .9972494 |
| #1     | -.177981 |
| #2     | -.178211 |
| #3     | -.175044 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3951.937 | 90862.24 | 20717.91 | 2603.256 | 4434.300 |
| Stddev    | 10.431   | 218.62   | 133.22   | 17.910   | 12.947   |
| %RSD      | .2639421 | .2406075 | .6430267 | .6879793 | .2919712 |
| #1        | 3960.892 | 90784.60 | 20790.58 | 2596.381 | 4447.574 |
| #2        | 3954.435 | 90693.03 | 20564.15 | 2589.801 | 4433.617 |
| #3        | 3940.484 | 91109.08 | 20798.99 | 2623.584 | 4421.708 |

Sample Name: Q1619-01      Acquired: 3/25/2025 12:10:50      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3515898 | -.013568 | .8028697 | -.040795 | .0082517 | 149.2294 |
| Stddev | .0049840 | .002869  | .0049377 | .004401  | .0031685 | .1442    |
| %RSD   | 1.417548 | 21.14455 | .6150063 | 10.78783 | 38.39820 | .0966053 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3471183 | -.015873 | .7986642 | -.036440 | .0117997 | 149.0711 |
| #2 | .3506881 | -.010355 | .8016384 | -.040703 | .0072516 | 149.2640 |
| #3 | .3569630 | -.014476 | .8083066 | -.045241 | .0057040 | 149.3532 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8624531 | .0073960 | .0165950 | 1511.397 | .2970265 | .0991916 |
| Stddev | .0014811 | .0000573 | .0000567 | 8.854    | .0008775 | .0003409 |
| %RSD   | .1717253 | .7748524 | .3417396 | .5858093 | .2954123 | .3436844 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8607792 | .0074450 | .0165669 | 1506.067 | .2969605 | .0988716 |
| #2 | .8629869 | .0074100 | .0165579 | 1506.507 | .2979351 | .0995501 |
| #3 | .8635933 | .0073330 | .0166603 | 1521.618 | .2961839 | .0991531 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.377305 | 139.9126 | 2.810952 | 70.86880 | .1548881 | .0006984 |
| Stddev | .005357  | .4544    | .006836  | .04069   | .0001413 | .0002491 |
| %RSD   | .1223787 | .3247839 | .2432006 | .0574117 | .0912499 | 35.66704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.373182 | 139.3921 | 2.806171 | 70.82263 | .1550338 | .0006653 |
| #2 | 4.375374 | 140.2303 | 2.807903 | 70.88441 | .1548791 | .0004675 |
| #3 | 4.383360 | 140.1153 | 2.818782 | 70.89938 | .1547515 | .0009624 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 42.04458 | .2036940 | 15.87386 | 25.15714 | .2194644 | .0019888 |
| Stddev | .18815   | .0015455 | .03848   | .10941   | .0024998 | .0003362 |
| %RSD   | .4475083 | .7587366 | .2424004 | .4349043 | 1.139031 | 16.90253 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 41.83483 | .2028341 | 15.91316 | 25.03241 | .2169989 | .0020438 |
| #2 | 42.10041 | .2054783 | 15.83625 | 25.20212 | .2193971 | .0022941 |
| #3 | 42.19850 | .2027698 | 15.87217 | 25.23689 | .2219971 | .0016286 |

Sample Name: Q1619-01      Acquired: 3/25/2025 12:10:50      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0622217 | 5.465333 | 5.668659 | 7.500574 | F 60.62066 | -.055704 |
| Stddev | .0013158 | .008184  | .023477  | .016455  | .15422     | .002924  |
| %RSD   | 2.114720 | .1497483 | .4141487 | .2193879 | .2543963   | 5.249640 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0634696 | 5.458115 | 5.642415 | 7.481586 | 60.50461 | -.054582 |
| #2 | .0608471 | 5.463660 | 5.675899 | 7.510676 | 60.56171 | -.053507 |
| #3 | .0623484 | 5.474225 | 5.687663 | 7.509461 | 60.79566 | -.059023 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 11.98936 |
| Stddev | .17412     |
| %RSD   | 1.452319   |

|    |          |
|----|----------|
| #1 | 12.05836 |
| #2 | 11.79132 |
| #3 | 12.11842 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2925.510 | 67715.12 | 16133.19 | 1957.816 | 3679.879 |
| Stddev    | 1.813    | 19.19    | 33.19    | 8.811    | 6.741    |
| %RSD      | .0619838 | .0283414 | .2056957 | .4500553 | .1831858 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2927.502 | 67701.19 | 16095.62 | 1952.605 | 3687.456 |
| #2 | 2923.956 | 67737.01 | 16158.50 | 1967.990 | 3674.545 |
| #3 | 2925.072 | 67707.16 | 16145.46 | 1952.855 | 3677.637 |

Sample Name: Q1619-03      Acquired: 3/25/2025 12:15:10      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0527661 | -.005181 | .1026205 | -.034942 | -.001417 | 103.8722 |
| Stddev | .0024724 | .001417  | .0031506 | .000440  | .002684  | .0498    |
| %RSD   | 4.685606 | 27.34713 | 3.070152 | 1.260158 | 189.4871 | .0479564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0508503 | -.005689 | .1017836 | -.034574 | -.002418 | 103.9280 |
| #2 | .0555571 | -.003580 | .0999727 | -.035430 | .001625  | 103.8564 |
| #3 | .0518911 | -.006274 | .1061050 | -.034822 | -.003456 | 103.8322 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6962040 | .0091924 | .0042445 | 802.2728 | .1340494 | .0679067 |
| Stddev | .0023154 | .0000855 | .0001041 | .1455    | .0010433 | .0004209 |
| %RSD   | .3325799 | .9300016 | 2.451936 | .0181377 | .7783189 | .6198014 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6988535 | .0092882 | .0041246 | 802.1908 | .1352454 | .0674207 |
| #2 | .6945687 | .0091650 | .0043115 | 802.1868 | .1335772 | .0681490 |
| #3 | .6951898 | .0091240 | .0042973 | 802.4408 | .1333256 | .0681504 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2363462 | 155.7176 | 4.020852 | 147.3770 | .1762815 | .0004077 |
| Stddev | .0014872 | .5482    | .019622  | .4393    | .0010257 | .0001405 |
| %RSD   | .6292592 | .3520674 | .4879992 | .2981083 | .5818410 | 34.47559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2348593 | 155.9502 | 4.042378 | 147.7979 | .1774653 | .0005567 |
| #2 | .2378338 | 155.0914 | 4.016212 | 147.4117 | .1756592 | .0003887 |
| #3 | .2363455 | 156.1112 | 4.003967 | 146.9213 | .1757199 | .0002775 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.626454 | .1357993 | 2.735748 | 12.05880 | -.008151 | .0036560 |
| Stddev | .052636  | .0004544 | .009396  | .05640   | .004651  | .0004352 |
| %RSD   | .6901830 | .3345754 | .3434454 | .4677158 | 57.06603 | 11.90298 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.653687 | .1354035 | 2.742066 | 12.04238 | -.007176 | .0033893 |
| #2 | 7.565781 | .1356990 | 2.740227 | 12.01243 | -.013213 | .0041582 |
| #3 | 7.659895 | .1362954 | 2.724951 | 12.12159 | -.004064 | .0034206 |

Sample Name: Q1619-03      Acquired: 3/25/2025 12:15:10      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .0655768 | 2.431420 | F 13.02186 | 9.015313 | F 21.01228 | .0772770 |
| Stddev | .0015128 | .005416  | .09843     | .012712  | .02029     | .0009833 |
| %RSD   | 2.306850 | .2227442 | .7559054   | .1410020 | .0965735   | 1.272407 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0638813 | 2.437303 | 12.96473 | 9.021601 | 21.03442 | .0772333 |
| #2 | .0667886 | 2.430313 | 12.96533 | 9.000683 | 21.00783 | .0763163 |
| #3 | .0660603 | 2.426642 | 13.13552 | 9.023656 | 20.99458 | .0782814 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 2.702408 |
| Stddev | .015836  |
| %RSD   | .5859782 |

|    |          |
|----|----------|
| #1 | 2.684819 |
| #2 | 2.706872 |
| #3 | 2.715532 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3641.775 | 84330.58 | 20274.80 | 2408.276 | 3818.632 |
| Stddev    | 11.073   | 43.34    | 126.02   | 7.277    | 7.621    |
| %RSD      | .3040541 | .0513950 | .6215654 | .3021866 | .1995660 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3651.314 | 84299.86 | 20215.77 | 2411.164 | 3821.145 |
| #2 | 3644.379 | 84311.72 | 20189.12 | 2399.997 | 3824.678 |
| #3 | 3629.632 | 84380.15 | 20419.50 | 2413.666 | 3810.072 |



Sample Name: CCV03      Acquired: 3/25/2025 12:29:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.011034 | 4.904355 | 4.830588 | 5.071720 | 5.090928 | 9.631999 | 9.540418 |
| Stddev | .033120  | .044186  | .021683  | .027950  | .040354  | .195259  | .311142  |
| %RSD   | .6609352 | .9009448 | .4488728 | .5510922 | .7926680 | 2.027188 | 3.261300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.991438 | 4.875907 | 4.817948 | 5.058190 | 5.066641 | 9.780301 | 9.864673 |
| #2 | 4.992390 | 4.881900 | 4.818191 | 5.053110 | 5.068632 | 9.704923 | 9.512282 |
| #3 | 5.049273 | 4.955259 | 4.855625 | 5.103860 | 5.137510 | 9.410774 | 9.244301 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2259646 | 2.392495 | 23.08430 | .9892769 | 2.405143 | 1.257975 | 4.974926 |
| Stddev | .0039125 | .011687  | .44182   | .0012705 | .012153  | .008085  | .014056  |
| %RSD   | 1.731477 | .4884895 | 1.913938 | .1284288 | .5052952 | .6426967 | .2825450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2294554 | 2.388926 | 23.45251 | .9882596 | 2.401181 | 1.253125 | 4.986614 |
| #2 | .2267029 | 2.383008 | 23.20601 | .9888701 | 2.395466 | 1.253492 | 4.978834 |
| #3 | .2217355 | 2.405550 | 22.59438 | .9907010 | 2.418783 | 1.267309 | 4.959329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.301464 | 22.96986 | 2.395075 | 1.242376 | 25.31182 | 2.377321 | 2.506981 |
| Stddev | .045630  | .52091   | .013869  | .000716  | .05957   | .046690  | .017384  |
| %RSD   | 1.982656 | 2.267815 | .5790820 | .0576711 | .2353269 | 1.963968 | .6934207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.336082 | 23.33863 | 2.388397 | 1.242006 | 25.31104 | 2.417870 | 2.503458 |
| #2 | 2.318553 | 23.19700 | 2.385809 | 1.241920 | 25.37178 | 2.387817 | 2.525856 |
| #3 | 2.249756 | 22.37394 | 2.411021 | 1.243202 | 25.25265 | 2.326277 | 2.491628 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.78666 | 4.537475 | 5.048875 | 4.824981 | 4.753239 | 5.362164 | 4.885389 |
| Stddev | .05136   | .076595  | .031889  | .026352  | .090047  | .019012  | .030745  |
| %RSD   | .1991742 | 1.688061 | .6315984 | .5461557 | 1.894441 | .3545624 | .6293289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.72843 | 4.601544 | 5.033252 | 4.813229 | 4.823547 | 5.340246 | 4.873048 |
| #2 | 25.82552 | 4.558245 | 5.027809 | 4.806550 | 4.784425 | 5.372040 | 4.862731 |
| #3 | 25.80601 | 4.452637 | 5.085562 | 4.855164 | 4.651744 | 5.374206 | 4.920387 |

Sample Name: CCV03      Acquired: 3/25/2025 12:29:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.817830 | 4.762035 | 4.772646 |
| Stddev | .031241  | .085868  | .098112  |
| %RSD   | .6484521 | 1.803183 | 2.055724 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.808930 | 4.830580 | 4.843562 |
| #2 | 4.792005 | 4.789807 | 4.813701 |
| #3 | 4.852556 | 4.665718 | 4.660675 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3238.443 | 73639.67 | 15760.70 | 2119.063 | 4819.944 |
| Stddev    | 12.894   | 40.19    | 308.13   | 12.722   | 15.347   |
| %RSD      | .3981389 | .0545807 | 1.955058 | .6003482 | .3184155 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3240.501 | 73651.77 | 15504.94 | 2112.154 | 4820.202 |
| #2 | 3250.184 | 73594.82 | 15674.38 | 2111.292 | 4835.161 |
| #3 | 3224.645 | 73672.43 | 16102.79 | 2133.745 | 4804.469 |

Sample Name: CCB03      Acquired: 3/25/2025 12:33:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000248 | -.001784 | .0001716 | .0033845 | .0005033 | -.003712 | -.008788 |
| Stddev | .001280  | .000439  | .0006533 | .0022746 | .0006784 | .000884  | .000679  |
| %RSD   | 515.5499 | 24.60085 | 380.7977 | 67.20486 | 134.7856 | 23.81070 | 7.728791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000930 | -.001644 | .0001628 | .0013122 | -.000057 | -.003022 | -.009528 |
| #2 | -.001043 | -.001432 | -.000477 | .0058181 | .001257  | -.004709 | -.008194 |
| #3 | .001228  | -.002276 | .000829  | .0030233 | .000309  | -.003406 | -.008642 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000486 | -.000098 | .0045348 | .0001644 | -.000106 | -.000207 | -.007301 |
| Stddev | .0000394 | .000112  | .0021570 | .0001679 | .000078  | .000054  | .005565  |
| %RSD   | 81.06143 | 114.1529 | 47.56500 | 102.0923 | 73.28631 | 25.82889 | 76.22584 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000210 | -.000047 | .0026228 | .0003454 | -.000133 | -.000229 | -.003260 |
| #2 | .0000938 | -.000021 | .0041085 | .0000137 | -.000167 | -.000146 | -.013649 |
| #3 | .0000312 | -.000226 | .0068731 | .0001343 | -.000018 | -.000247 | -.004995 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000700 | .0071309 | .0000305 | .0008012 | .1694822 | -.000013 | -.000840 |
| Stddev | .000084  | .0120011 | .0001116 | .0002368 | .0134384 | .001524  | .000020  |
| %RSD   | 11.98834 | 168.2978 | 365.6742 | 29.55182 | 7.929089 | 11315.49 | 2.401118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000767 | .0077056 | .0000649 | .0007866 | .1597533 | .001208  | -.000839 |
| #2 | -.000606 | -.005147 | -.000094 | .0005721 | .1638777 | .000473  | -.000861 |
| #3 | -.000727 | .018834  | .000121  | .0010450 | .1848158 | -.001721 | -.000820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2267427 | -.000158 | .0003923 | -.003597 | .0006945 | .0087795 | -.001854 |
| Stddev | .0148091 | .000308  | .0002296 | .000410  | .0002513 | .0050098 | .001701  |
| %RSD   | 6.531243 | 194.8615 | 58.51833 | 11.39302 | 36.18308 | 57.06315 | 91.75398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2113180 | -.000376 | .0005206 | -.004066 | .0006406 | .0033519 | -.000857 |
| #2 | .2280621 | .000195  | .0005290 | -.003311 | .0009683 | .0097599 | -.000887 |
| #3 | .2408479 | -.000294 | .0001273 | -.003412 | .0004745 | .0132266 | -.003819 |

Sample Name: CCB03      Acquired: 3/25/2025 12:33:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0023458 | -.002438 | .0001178 |
| Stddev | .0034774 | .000762  | .0000205 |
| %RSD   | 148.2407 | 31.23731 | 17.43133 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0044878 | -.003291 | .0001412 |
| #2 | .0042160 | -.002197 | .0001094 |
| #3 | -.001667 | -.001826 | .0001028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3360.551 | 77491.79 | 16401.33 | 2215.341 | 5422.622 |
| Stddev    | 14.067   | 278.09   | 61.30    | 7.096    | 13.309   |
| %RSD      | .4185989 | .3588615 | .3737521 | .3202994 | .2454341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3370.079 | 77495.85 | 16373.27 | 2217.022 | 5430.246 |
| #2 | 3367.179 | 77767.83 | 16359.08 | 2221.445 | 5430.367 |
| #3 | 3344.394 | 77211.70 | 16471.64 | 2207.555 | 5407.255 |

Sample Name: Q1619-05      Acquired: 3/25/2025 12:38:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0827535 | -.000273 | .3515439 | -.040876 | -.067825 | 107.6257 |
| Stddev | .0013118 | .002483  | .0025144 | .003300  | .001455  | .1039    |
| %RSD   | 1.585165 | 908.5541 | .7152337 | 8.072377 | 2.145160 | .0965101 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0834626 | -.001204 | .3538597 | -.037485 | -.066665 | 107.7348 |
| #2 | .0835581 | -.002156 | .3519026 | -.041065 | -.069458 | 107.5280 |
| #3 | .0812398 | .002541  | .3488695 | -.044077 | -.067352 | 107.6143 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6539000 | .0068167 | -.006244 | 89.43620 | F 11.15030 | .1693306 |
| Stddev | .0036431 | .0000422 | .000357  | .18631   | .02963     | .0001532 |
| %RSD   | .5571380 | .6184415 | 5.716438 | .2083149 | .2657605   | .0904564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6580977 | .0068065 | -.006633 | 89.54598 | 11.13113 | .1691668 |
| #2 | .6515621 | .0068631 | -.006166 | 89.54154 | 11.18443 | .1693549 |
| #3 | .6520403 | .0067807 | -.005932 | 89.22109 | 11.13533 | .1694702 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4748610 | 247.4226 | 3.544170 | 40.75436 | .4113695 | .0033292 |
| Stddev | .0001429 | .6669    | .014457  | .02090   | .0009443 | .0001016 |
| %RSD   | .0300941 | .2695538 | .4079027 | .0512943 | .2295503 | 3.051991 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4747278 | 248.1537 | 3.560287 | 40.77839 | .4123409 | .0032414 |
| #2 | .4748431 | 247.2667 | 3.539876 | 40.74432 | .4113127 | .0034405 |
| #3 | .4750119 | 246.8474 | 3.532347 | 40.74037 | .4104549 | .0033056 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.662010 | .6879451 | .8140454 | 11.56680 | -.067773 | .0007418 |
| Stddev | .038475  | .0013389 | .0052017 | .05315   | .005024  | .0001039 |
| %RSD   | .8252933 | .1946216 | .6389873 | .4594710 | 7.412419 | 14.01001 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.696712 | .6864612 | .8083419 | 11.62560 | -.061972 | .0008457 |
| #2 | 4.620634 | .6890628 | .8152665 | 11.55263 | -.070647 | .0007420 |
| #3 | 4.668683 | .6883113 | .8185279 | 11.52218 | -.070699 | .0006378 |

Sample Name: Q1619-05      Acquired: 3/25/2025 12:38:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0966487 | 2.673107 | 9.881839 | 4.347974 | 6.357004 | .2309839 |
| Stddev | .0008676 | .007810  | .006290  | .001657  | .014666  | .0014455 |
| %RSD   | .8977130 | .2921822 | .0636551 | .0381186 | .2307001 | .6257819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0963052 | 2.682121 | 9.874889 | 4.348984 | 6.340071 | .2317605 |
| #2 | .0960055 | 2.668349 | 9.887141 | 4.348876 | 6.365709 | .2318750 |
| #3 | .0976355 | 2.668850 | 9.883488 | 4.346061 | 6.365231 | .2293161 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.046134 |
| Stddev | .000426  |
| %RSD   | .9229814 |

|    |          |
|----|----------|
| #1 | -.045649 |
| #2 | -.046445 |
| #3 | -.046307 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3345.808 | 80803.40 | 18626.41 | 2210.417 | 4563.316 |
| Stddev    | 7.903    | 167.54   | 40.97    | 8.305    | 8.607    |
| %RSD      | .2362071 | .2073386 | .2199366 | .3757140 | .1886126 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3350.093 | 80955.04 | 18651.25 | 2218.708 | 4570.256 |
| #2 | 3350.643 | 80623.55 | 18579.13 | 2210.444 | 4566.007 |
| #3 | 3336.688 | 80831.61 | 18648.86 | 2202.099 | 4553.685 |

Sample Name: Q1619-07      Acquired: 3/25/2025 12:42:22      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0762993 | .0143479 | .2191929 | -.056252 | -.012352 | 104.3556 | 1.050556 |
| Stddev | .0020162 | .0031127 | .0004701 | .002155  | .002450  | .3319    | .004862  |
| %RSD   | 2.642525 | 21.69459 | .2144693 | 3.831735 | 19.83266 | .3180697 | .4628132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0782618 | .0131658 | .2194677 | -.053807 | -.015123 | 104.7389 | 1.055995 |
| #2 | .0742333 | .0178785 | .2194609 | -.057071 | -.010471 | 104.1616 | 1.046631 |
| #3 | .0764028 | .0119994 | .2186501 | -.057877 | -.011464 | 104.1664 | 1.049042 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101003 | .0009314 | 162.2734 | .2562497 | .1644822 | .2633386 | 329.2315 |
| Stddev | .0002402 | .0003369 | .5642    | .0009425 | .0003295 | .0007790 | 1.1467   |
| %RSD   | 2.378380 | 36.16694 | .3476852 | .3678125 | .2003086 | .2957984 | .3482924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103728 | .0013189 | 162.8092 | .2558068 | .1645812 | .2632443 | 328.6578 |
| #2 | .0100090 | .0007677 | 161.6846 | .2556101 | .1641146 | .2626111 | 328.4849 |
| #3 | .0099191 | .0007077 | 162.3263 | .2573320 | .1647509 | .2641604 | 330.5518 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.937887 | 35.74377 | .2909075 | .0007592 | 3.335618 | .3058846 | 1.100293 |
| Stddev | .011530  | .11125   | .0003612 | .0005887 | .016268  | .0015688 | .001890  |
| %RSD   | .3924531 | .3112322 | .1241671 | 77.53577 | .4877080 | .5128746 | .1717439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.950322 | 35.85268 | .2907149 | .0007555 | 3.318877 | .3060983 | 1.101057 |
| #2 | 2.927550 | 35.63032 | .2906833 | .0001724 | 3.336608 | .3073356 | 1.101681 |
| #3 | 2.935789 | 35.74832 | .2913242 | .0013497 | 3.351368 | .3042199 | 1.098141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.59653 | -.176907 | -.002101 | .4275893 | 2.157861 | 6.313686 | 7.849450 |
| Stddev | .06155   | .008134  | .000197  | .0012553 | .011429  | .019391  | .007566  |
| %RSD   | .3946647 | 4.598176 | 9.383010 | .2935727 | .5296287 | .3071196 | .0963849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.52644 | -.185398 | -.002001 | .4263813 | 2.170205 | 6.302735 | 7.857318 |
| #2 | 15.62138 | -.176138 | -.002328 | .4288870 | 2.147647 | 6.302249 | 7.842227 |
| #3 | 15.64178 | -.169183 | -.001973 | .4274997 | 2.155732 | 6.336075 | 7.848805 |

Sample Name: Q1619-07      Acquired: 3/25/2025 12:42:22      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.367338 | .2846598 | .1743208 |
| Stddev | .000538  | .0007625 | .0022212 |
| %RSD   | .0227459 | .2678457 | 1.274192 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.367407 | .2847552 | .1765676 |
| #2 | 2.367839 | .2838541 | .1742684 |
| #3 | 2.366769 | .2853700 | .1721262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3589.606 | 85516.84 | 19434.88 | 2353.309 | 4421.166 |
| Stddev    | 6.898    | 214.02   | 72.33    | 8.622    | 5.709    |
| %RSD      | .1921696 | .2502689 | .3721468 | .3663790 | .1291272 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3586.327 | 85687.08 | 19356.90 | 2362.275 | 4420.876 |
| #2 | 3597.532 | 85586.85 | 19499.76 | 2345.078 | 4427.015 |
| #3 | 3584.959 | 85276.58 | 19447.97 | 2352.575 | 4415.608 |



Sample Name: Q1619-09      Acquired: 3/25/2025 12:46:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1501711 | .0055827 | .3216884 | -.027179 | -.136370 | 90.56896 |
| Stddev | .0021236 | .0009472 | .0019861 | .003757  | .001647  | .04903   |
| %RSD   | 1.414137 | 16.96750 | .6173817 | 13.82353 | 1.207983 | .0541320 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1526060 | .0056927 | .3201716 | -.023973 | -.136991 | 90.62004 |
| #2 | .1487026 | .0064701 | .3209572 | -.031313 | -.134503 | 90.52228 |
| #3 | .1492046 | .0045852 | .3239363 | -.026252 | -.137618 | 90.56457 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3876833 | .0027983 | -.005948 | 143.7582 | F 28.08811 | .0567741 |
| Stddev | .0005179 | .0000729 | .000317  | .3200    | .09470     | .0002036 |
| %RSD   | .1335944 | 2.604523 | 5.331851 | .2225829 | .3371598   | .3586864 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3882272 | .0028366 | -.006159 | 144.0163 | 28.17855 | .0565498 |
| #2 | .3871959 | .0028441 | -.006101 | 143.4002 | 27.98965 | .0568253 |
| #3 | .3876270 | .0027143 | -.005583 | 143.8581 | 28.09613 | .0569473 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2586859 | 149.9613 | 3.131429 | 25.76426 | .1355721 | .0024055 |
| Stddev | .0016951 | .6690    | .012155  | .09314   | .0010165 | .0000658 |
| %RSD   | .6552634 | .4460823 | .3881677 | .3614999 | .7497975 | 2.735174 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2568618 | 150.6918 | 3.143087 | 25.78872 | .1358249 | .0023296 |
| #2 | .2589832 | 149.8136 | 3.118831 | 25.66134 | .1344530 | .0024444 |
| #3 | .2602126 | 149.3785 | 3.132369 | 25.84273 | .1364383 | .0024426 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.685500 | .4135284 | .4370835 | 6.883603 | -.011021 | .0019818 |
| Stddev | .013276  | .0016611 | .0016595 | .017375  | .002876  | .0001889 |
| %RSD   | .7876382 | .4016983 | .3796738 | .2524160 | 26.09163 | 9.530301 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.699956 | .4154258 | .4351777 | 6.893195 | -.008163 | .0018359 |
| #2 | 1.682689 | .4128230 | .4382087 | 6.894068 | -.010986 | .0021951 |
| #3 | 1.673855 | .4123364 | .4378641 | 6.863546 | -.013914 | .0019142 |

Sample Name: Q1619-09      Acquired: 3/25/2025 12:46:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0598209 | 1.933612 | 8.897695 | 6.409786 | 8.976561 | .1594843 |
| Stddev | .0019139 | .006786  | .035773  | .026761  | .023145  | .0016309 |
| %RSD   | 3.199452 | .3509440 | .4020498 | .4175057 | .2578393 | 1.022607 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0588382 | 1.938245 | 8.924875 | 6.395956 | 8.973128 | .1586525 |
| #2 | .0620266 | 1.925823 | 8.911042 | 6.392770 | 8.955325 | .1613633 |
| #3 | .0585980 | 1.936768 | 8.857167 | 6.440632 | 9.001231 | .1584370 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1457514 |
| Stddev | .0003170 |
| %RSD   | .2175129 |

|    |          |
|----|----------|
| #1 | .1461126 |
| #2 | .1455190 |
| #3 | .1456226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2897.151 | 73612.02 | 17151.99 | 1986.053 | 4594.761 |
| Stddev    | 9.382    | 159.54   | 63.15    | 5.671    | 6.185    |
| %RSD      | .3238302 | .2167332 | .3682051 | .2855519 | .1346065 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2905.385 | 73428.03 | 17141.73 | 1984.012 | 4599.635 |
| #2 | 2899.133 | 73711.97 | 17219.65 | 1981.685 | 4596.846 |
| #3 | 2886.937 | 73696.06 | 17094.60 | 1992.462 | 4587.804 |

Sample Name: Q1619-11      Acquired: 3/25/2025 12:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0482105 | .0020654 | .1981521 | -.008652 | -.041386   | 47.07149 |
| Stddev | .0029828 | .0006975 | .0006847 | .001783  | .001730    | .04351   |
| %RSD   | 6.186965 | 33.77205 | .3455631 | 20.60694 | 4.180762   | .0924328 |
| #1     | .0461991 | .0026166 | .1989420 | -.008960 | -.039422   | 47.10492 |
| #2     | .0467950 | .0012812 | .1977861 | -.006735 | -.042685   | 47.08725 |
| #3     | .0516375 | .0022982 | .1977280 | -.010260 | -.042051   | 47.02230 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2384062 | .0036773 | -.002489 | 49.96670 | F 6.613242 | .0489579 |
| Stddev | .0004248 | .0000460 | .000262  | .04137   | .128792    | .0003310 |
| %RSD   | .1781920 | 1.251996 | 10.51534 | .0827900 | 1.947485   | .6761561 |
| #1     | .2386732 | .0037270 | -.002187 | 49.92698 | 6.467034   | .0485776 |
| #2     | .2386291 | .0036690 | -.002645 | 50.00954 | 6.662794   | .0491151 |
| #3     | .2379163 | .0036360 | -.002635 | 49.96360 | 6.709899   | .0491810 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2096228 | 97.33804 | .7830740 | 17.39871 | .1007581   | .0016261 |
| Stddev | .0011366 | 1.45593  | .0010765 | .03549   | .0003815   | .0000950 |
| %RSD   | .5422370 | 1.495749 | .1374648 | .2039774 | .3786838   | 5.840167 |
| #1     | .2106008 | 95.67391 | .7831444 | 17.37098 | .1011228   | .0015165 |
| #2     | .2083758 | 97.96332 | .7819641 | 17.43870 | .1003617   | .0016789 |
| #3     | .2098920 | 98.37688 | .7841135 | 17.38644 | .1007898   | .0016830 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.666274 | .1046441 | .5333860 | 5.008339 | -.053400   | .0003483 |
| Stddev | .023239  | .0013973 | .0107740 | .060092  | .000944    | .0003680 |
| %RSD   | 1.394646 | 1.335315 | 2.019931 | 1.199846 | 1.767898   | 105.6532 |
| #1     | 1.639491 | .1035191 | .5209733 | 4.938950 | -.054470   | .0007083 |
| #2     | 1.681092 | .1062082 | .5388687 | 5.043138 | -.053048   | .0003640 |
| #3     | 1.678239 | .1042048 | .5403160 | 5.042928 | -.052683   | -.000027 |

Sample Name: Q1619-11      Acquired: 3/25/2025 12:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0622272 | 1.238927 | 4.772367 | 1.870576 | 3.492010 | .1152950 |
| Stddev | .0018096 | .002081  | .071583  | .004184  | .004757  | .0009258 |
| %RSD   | 2.907997 | .1679943 | 1.499940 | .2237008 | .1362378 | .8029690 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0601483 | 1.238371 | 4.691094 | 1.869187 | 3.497163 | .1144330 |
| #2 | .0634483 | 1.241230 | 4.826047 | 1.867264 | 3.491083 | .1162736 |
| #3 | .0630851 | 1.237180 | 4.799960 | 1.875279 | 3.487784 | .1151784 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0630486 |
| Stddev | .0016838 |
| %RSD   | 2.670682 |

|    |          |
|----|----------|
| #1 | .0649679 |
| #2 | .0623584 |
| #3 | .0618196 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3465.815 | 85179.61 | 18120.17 | 2354.241 | 4892.611 |
| Stddev    | 5.140    | 1412.02  | 35.89    | 30.775   | 7.528    |
| %RSD      | .1482916 | 1.657698 | .1980831 | 1.307223 | .1538701 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3466.938 | 86783.39 | 18160.19 | 2389.743 | 4897.630 |
| #2 | 3470.300 | 84632.10 | 18109.49 | 2337.845 | 4896.250 |
| #3 | 3460.207 | 84123.34 | 18090.83 | 2335.136 | 4883.955 |

Sample Name: Q1619-13      Acquired: 3/25/2025 12:54:52      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0585373 | .0012214 | .2044559 | -.015878 | -.008122 | 60.13122 | .3498754 |
| Stddev | .0020224 | .0039596 | .0019559 | .002310  | .000728  | .17836   | .0007423 |
| %RSD   | 3.454906 | 324.1722 | .9566223 | 14.54990 | 8.964555 | .2966258 | .2121519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0607993 | .0029069 | .2041311 | -.018059 | -.007324 | 59.92548 | .3490354 |
| #2 | .0569035 | -.003302 | .2026828 | -.016116 | -.008751 | 60.24226 | .3501479 |
| #3 | .0579092 | .004059  | .2065539 | -.013458 | -.008292 | 60.22593 | .3504428 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045258 | -.001559 | 24.89715 | 1.045046 | .0566461 | .2542923 | 127.6449 |
| Stddev | .0000350 | .000187  | .09760   | .006272  | .0001886 | .0008648 | .5180    |
| %RSD   | .7722028 | 11.99428 | .3920026 | .6001484 | .3328758 | .3400939 | .4058281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044858 | -.001713 | 24.78526 | 1.038073 | .0564921 | .2546625 | 127.0582 |
| #2 | .0045502 | -.001614 | 24.94139 | 1.046838 | .0568564 | .2533039 | 128.0391 |
| #3 | .0045414 | -.001351 | 24.96479 | 1.050227 | .0565899 | .2549103 | 127.8375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.348468 | 19.94175 | .1447735 | .0013938 | 2.004704 | .1873694 | .8268706 |
| Stddev | .009073  | .10447   | .0011787 | .0001140 | .010951  | .0006783 | .0029785 |
| %RSD   | .3863427 | .5238859 | .8141323 | 8.179075 | .5462814 | .3620394 | .3602127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.338106 | 19.83167 | .1456258 | .0013652 | 1.995757 | .1875630 | .8243045 |
| #2 | 2.354986 | 19.95407 | .1434284 | .0012968 | 2.001438 | .1879299 | .8261704 |
| #3 | 2.352313 | 20.03952 | .1452663 | .0015194 | 2.016916 | .1866153 | .8301368 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.314735 | -.052556 | .0054709 | .0627002 | 1.751972 | 4.527793 | 3.277401 |
| Stddev | .046417  | .000881  | .0003372 | .0008424 | .004450  | .014922  | .010306  |
| %RSD   | .6345690 | 1.676509 | 6.163846 | 1.343591 | .2539908 | .3295619 | .3144702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.269740 | -.052889 | .0055255 | .0632783 | 1.746966 | 4.512321 | 3.281746 |
| #2 | 7.312012 | -.051557 | .0057774 | .0617337 | 1.753473 | 4.528962 | 3.265633 |
| #3 | 7.362454 | -.053223 | .0051097 | .0630887 | 1.755478 | 4.542096 | 3.284823 |

Sample Name: Q1619-13      Acquired: 3/25/2025 12:54:52      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.953646 | .1559296 | .0081515 |
| Stddev | .017361  | .0009577 | .0001860 |
| %RSD   | .2496619 | .6142131 | 2.281576 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.964803 | .1567260 | .0082680 |
| #2 | 6.933644 | .1561958 | .0079370 |
| #3 | 6.962491 | .1548669 | .0082495 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3451.939 | 81784.71 | 17830.41 | 2311.833 | 4919.921 |
| Stddev    | 7.273    | 411.89   | 101.90   | 13.099   | 5.122    |
| %RSD      | .2107028 | .5036227 | .5715202 | .5666158 | .1040986 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3459.653 | 82259.56 | 17947.71 | 2321.108 | 4923.912 |
| #2 | 3450.958 | 81524.03 | 17779.87 | 2317.543 | 4921.705 |
| #3 | 3445.206 | 81570.54 | 17763.67 | 2296.848 | 4914.146 |

Sample Name: PB167257BL      Acquired: 3/25/2025 12:59:00      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001307 | -.002150 | -.000403 | .0009247 | .0006524 | -.005460 | -.011790 |
| Stddev | .001830  | .000726  | .000393  | .0045502 | .0016875 | .003390  | .000881  |
| %RSD   | 139.9717 | 33.75737 | 97.44638 | 492.0908 | 258.6422 | 62.10086 | 7.472422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003350 | -.002977 | -.000612 | -.004088 | -.000369 | -.009359 | -.011164 |
| #2 | .000183  | -.001858 | .000050  | .002066  | -.000274 | -.003812 | -.011409 |
| #3 | -.000755 | -.001616 | -.000647 | .004796  | .002600  | -.003208 | -.012797 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000164 | -.000085 | .0035931 | .0000046 | -.000116 | -.000511 | -.004916 |
| Stddev | .0000203 | .000027  | .0026104 | .0001253 | .000087  | .000112  | .004818  |
| %RSD   | 123.6413 | 31.83314 | 72.65175 | 2699.017 | 75.25245 | 21.95272 | 98.02410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000395 | -.000105 | .0065765 | .0001465 | -.000201 | -.000568 | -.002296 |
| #2 | .0000085 | -.000054 | .0017291 | -.000091 | -.000027 | -.000382 | -.001974 |
| #3 | .0000013 | -.000096 | .0024735 | -.000042 | -.000119 | -.000585 | -.010476 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001009 | -.004366 | -.000187 | .0006653 | .0756782 | .0001726 | -.001088 |
| Stddev | .000226  | .001396  | .000111  | .0000859 | .0097829 | .0012137 | .000485  |
| %RSD   | 22.37619 | 31.96456 | 59.62473 | 12.91363 | 12.92700 | 703.2686 | 44.54808 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000791 | -.002814 | -.000136 | .0007645 | .0661848 | .0010885 | -.001641 |
| #2 | -.000993 | -.005517 | -.000315 | .0006153 | .0751227 | .0006332 | -.000880 |
| #3 | -.001241 | -.004768 | -.000110 | .0006161 | .0857270 | -.001204 | -.000741 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1347430 | -.005219 | -.000165 | -.004003 | .0007880 | .0018529 | -.002077 |
| Stddev | .0477055 | .000395  | .000069  | .000454  | .0006102 | .0062915 | .001535  |
| %RSD   | 35.40483 | 7.562736 | 41.54540 | 11.34358 | 77.43483 | 339.5583 | 73.90812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0958435 | -.005674 | -.000193 | -.004522 | .0003366 | .0029742 | -.002711 |
| #2 | .1204150 | -.005018 | -.000087 | -.003812 | .0005451 | .0075083 | -.000326 |
| #3 | .1879705 | -.004966 | -.000216 | -.003676 | .0014822 | -.004924 | -.003193 |

Sample Name: PB167257BL      Acquired: 3/25/2025 12:59:00      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0019364 | -.003849 | .0000119 |
| Stddev | .0036163 | .001362  | .0000330 |
| %RSD   | 186.7489 | 35.39889 | 278.1570 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000375 | -.002940 | .0000243 |
| #2 | .006104  | -.005415 | .0000369 |
| #3 | .000080  | -.003191 | -.000026 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3349.823 | 76470.80 | 16460.97 | 2170.851 | 5438.745 |
| Stddev    | 9.008    | 161.89   | 67.23    | 5.149    | 5.900    |
| %RSD      | .2689232 | .2116971 | .4084125 | .2371946 | .1084721 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3356.514 | 76291.29 | 16412.05 | 2164.969 | 5442.177 |
| #2 | 3353.376 | 76515.40 | 16433.23 | 2174.543 | 5442.125 |
| #3 | 3339.580 | 76605.71 | 16537.63 | 2173.042 | 5431.933 |



Sample Name: PB167257BS      Acquired: 3/25/2025 13:03:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7661616 | 1.913988 | .9040720 | 1.967138 | .8106845 | 1.860220 |
| Stddev | .0025330 | .014904  | .0012068 | .001368  | .0041222 | .011395  |
| %RSD   | .3306122 | .7787023 | .1334892 | .0695515 | .5084874 | .6125411 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7660021 | 1.897298 | .9054550 | 1.968290 | .8153957 | 1.870988 |
| #2 | .7687706 | 1.918697 | .9032326 | 1.965626 | .8077407 | 1.848288 |
| #3 | .7637121 | 1.925968 | .9035283 | 1.967499 | .8089170 | 1.861386 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1681970 | .1710161 | .1788716 | .9199001 | .3839511 | .1833751 |
| Stddev | .0013084 | .0003509 | .0000818 | .0047431 | .0034543 | .0002668 |
| %RSD   | .7779061 | .2052055 | .0457357 | .5156092 | .8996727 | .1454799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1677697 | .1707658 | .1789654 | .9204443 | .3848043 | .1831105 |
| #2 | .1671557 | .1708654 | .1788346 | .9149084 | .3868989 | .1836440 |
| #3 | .1696657 | .1714172 | .1788149 | .9243476 | .3801502 | .1833708 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3035923 | 2.837931 | .1773774 | 1.751100 | .4590084 | .0725169 |
| Stddev | .0007230 | .017838  | .0008388 | .020149  | .0002888 | .0007740 |
| %RSD   | .2381471 | .6285453 | .4728697 | 1.150631 | .0629140 | 1.067391 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3040651 | 2.851037 | .1780143 | 1.739986 | .4590953 | .0728722 |
| #2 | .3027600 | 2.845138 | .1764271 | 1.738957 | .4592438 | .0730495 |
| #3 | .3039517 | 2.817617 | .1776909 | 1.774359 | .4586862 | .0716290 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.731444 | .2731792 | .1954373 | 9.583073 | .2495094 | .4029104 |
| Stddev | .004458  | .0012885 | .0032640 | .088067  | .0005899 | .0009781 |
| %RSD   | .1632050 | .4716727 | 1.670122 | .9189867 | .2364420 | .2427476 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.735487 | .2734766 | .1957440 | 9.645908 | .2493165 | .4019261 |
| #2 | 2.732182 | .2717680 | .1985372 | 9.620900 | .2490400 | .4038821 |
| #3 | 2.726664 | .2742931 | .1920308 | 9.482412 | .2501716 | .4029230 |

Sample Name: PB167257BS      Acquired: 3/25/2025 13:03:19      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6379537 | .1829814 | .7662853 | 5.293948 | F -.009332 | .1831480 |
| Stddev | .0001669 | .0011483 | .0098626 | .013953  | .001769    | .0004109 |
| %RSD   | .0261703 | .6275619 | 1.287069 | .2635676 | 18.95154   | .2243602 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6378036 | .1832666 | .7774953 | 5.285282 | -.007294 | .1827714 |
| #2 | .6381335 | .1817173 | .7624190 | 5.310044 | -.010468 | .1830864 |
| #3 | .6379239 | .1839602 | .7589416 | 5.286517 | -.010234 | .1835863 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1801799 |
| Stddev | .0004167 |
| %RSD   | .2312662 |

|    |          |
|----|----------|
| #1 | .1805304 |
| #2 | .1797191 |
| #3 | .1802901 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3331.280 | 77739.28 | 16418.43 | 2175.823 | 5287.304 |
| Stddev    | 7.180    | 708.32   | 82.25    | 16.945   | 9.765    |
| %RSD      | .2155459 | .9111481 | .5009410 | .7787811 | .1846826 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3338.858 | 77618.79 | 16455.21 | 2168.233 | 5297.947 |
| #2 | 3330.404 | 77098.93 | 16475.87 | 2164.000 | 5285.207 |
| #3 | 3324.577 | 78500.12 | 16324.22 | 2195.236 | 5278.758 |

Sample Name: Q1624-01      Acquired: 3/25/2025 13:07:21      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0349745 | -.010587 | .1199435 | -.038863 | -.008421 | 116.4830 |
| Stddev | .0028290 | .000519  | .0003899 | .004344  | .001387  | .0984    |
| %RSD   | 8.088728 | 4.902224 | .3250764 | 11.17824 | 16.47462 | .0844903 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0381103 | -.010433 | .1200318 | -.043797 | -.007261 | 116.5854 |
| #2 | .0326140 | -.011165 | .1195171 | -.035613 | -.008044 | 116.4746 |
| #3 | .0341991 | -.010162 | .1202818 | -.037178 | -.009958 | 116.3891 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5228962 | .0054684 | -.003748 | 41.51098 | .2850047 | .1339012 |
| Stddev | .0005315 | .0000425 | .000238  | .12383   | .0016784 | .0004942 |
| %RSD   | .1016464 | .7763313 | 6.342827 | .2983122 | .5888977 | .3690561 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5224960 | .0054305 | -.003533 | 41.64751 | .2832389 | .1341349 |
| #2 | .5226933 | .0055143 | -.004004 | 41.47952 | .2865793 | .1333335 |
| #3 | .5234993 | .0054605 | -.003708 | 41.40591 | .2851959 | .1342351 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4564289 | 249.8273 | 2.471407 | 49.82751 | .2334227 | .0007342 |
| Stddev | .0018168 | .7933    | .003235  | .19875   | .0000801 | .0000690 |
| %RSD   | .3980482 | .3175557 | .1308810 | .3988688 | .0343387 | 9.402339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4583007 | 248.9372 | 2.472241 | 50.02696 | .2335034 | .0007862 |
| #2 | .4546726 | 250.4599 | 2.474142 | 49.82609 | .2333431 | .0006559 |
| #3 | .4563135 | 250.0847 | 2.467837 | 49.62948 | .2334215 | .0007605 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.736773 | .4166815 | .4022651 | 24.55066 | -.123341 | .0106345 |
| Stddev | .023369  | .0025513 | .0011121 | .14142   | .003913  | .0003983 |
| %RSD   | .6253694 | .6122820 | .2764514 | .5760404 | 3.172104 | 3.745115 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.710637 | .4195882 | .4011348 | 24.38776 | -.127612 | .0108763 |
| #2 | 3.755653 | .4156434 | .4023025 | 24.64201 | -.122483 | .0101749 |
| #3 | 3.744030 | .4148129 | .4033580 | 24.62221 | -.119929 | .0108525 |

Sample Name: Q1624-01      Acquired: 3/25/2025 13:07:21      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.005376 | 6.993648 | 4.739553 | F 11.38167 | 8.818777 | .2213206 |
| Stddev | .001075  | .009600  | .030988  | .05873     | .024146  | .0007184 |
| %RSD   | 19.99810 | .1372718 | .6538255 | .5159822   | .2738062 | .3246047 |
| #1     | -.004910 | 7.001036 | 4.704801 | 11.43763   | 8.832206 | .2205447 |
| #2     | -.006605 | 6.997112 | 4.749548 | 11.32052   | 8.790901 | .2214543 |
| #3     | -.004612 | 6.982797 | 4.764310 | 11.38685   | 8.833224 | .2219627 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.118096 |
| Stddev | .000733  |
| %RSD   | .6203912 |
| #1     | -.117251 |
| #2     | -.118561 |
| #3     | -.118476 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3711.203 | 87930.74 | 19605.52 | 2464.813 | 4620.292 |
| Stddev    | 8.529    | 288.00   | 20.28    | 17.958   | 13.049   |
| %RSD      | .2298296 | .3275348 | .1034254 | .7285699 | .2824183 |
| #1        | 3705.411 | 88257.82 | 19595.19 | 2475.234 | 4610.770 |
| #2        | 3720.998 | 87715.15 | 19592.50 | 2475.128 | 4635.165 |
| #3        | 3707.202 | 87819.25 | 19628.88 | 2444.077 | 4614.939 |

Sample Name: Q1624-01DUP      Acquired: 3/25/2025 13:11:26      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0365899 | -.008457 | .1184594 | -.035217 | -.009982 | 116.2795 |
| Stddev | .0012478 | .001610  | .0009335 | .001635  | .001222  | .0948    |
| %RSD   | 3.410313 | 19.03738 | .7880522 | 4.641657 | 12.24412 | .0815645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0380163 | -.009100 | .1190047 | -.036762 | -.008652 | 116.1727 |
| #2 | .0360528 | -.009646 | .1189920 | -.033506 | -.010239 | 116.3540 |
| #3 | .0357005 | -.006625 | .1173815 | -.035384 | -.011055 | 116.3116 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5208061 | .0055492 | -.004888 | 41.35466 | .2869359 | .1334777 |
| Stddev | .0008188 | .0000252 | .000158  | .05949   | .0003149 | .0006623 |
| %RSD   | .1572208 | .4536039 | 3.229885 | .1438526 | .1097535 | .4961574 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5199126 | .0055338 | -.004830 | 41.39596 | .2872942 | .1333874 |
| #2 | .5215205 | .0055356 | -.005067 | 41.28647 | .2867030 | .1328652 |
| #3 | .5209854 | .0055783 | -.004768 | 41.38155 | .2868106 | .1341804 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4550500 | 254.5162 | 2.474927 | 49.69374 | .2324905 | .0009123 |
| Stddev | .0007600 | .1582    | .001664  | .07266   | .0010483 | .0006517 |
| %RSD   | .1670254 | .0621526 | .0672222 | .1462174 | .4509025 | 71.43774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4545662 | 254.3612 | 2.475807 | 49.74255 | .2328151 | .0001609 |
| #2 | .4546578 | 254.6774 | 2.475966 | 49.61023 | .2313182 | .0012526 |
| #3 | .4559261 | 254.5100 | 2.473008 | 49.72844 | .2333380 | .0013233 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.807595 | .4137793 | .4051347 | 25.05385 | -.107498 | .0106745 |
| Stddev | .016605  | .0014634 | .0011245 | .02330   | .002537  | .0002219 |
| %RSD   | .4361071 | .3536562 | .2775538 | .0929832 | 2.360088 | 2.079136 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.789762 | .4123203 | .4063787 | 25.03154 | -.110334 | .0108931 |
| #2 | 3.810411 | .4137707 | .4048349 | 25.07802 | -.105442 | .0104493 |
| #3 | 3.822612 | .4152470 | .4041905 | 25.05199 | -.106720 | .0106810 |

Sample Name: Q1624-01DUP      Acquired: 3/25/2025 13:11:26      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.007847 | 6.990150 | 4.888727 | F 11.43751 | 8.838230 | .2239937 |
| Stddev | .000184  | .002291  | .013053  | .05709     | .042871  | .0014403 |
| %RSD   | 2.349713 | .0327729 | .2670069 | .4991898   | .4850647 | .6430260 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007647 | 6.987515 | 4.899367 | 11.40382 | 8.812290 | .2245821 |
| #2 | -.008010 | 6.991667 | 4.892652 | 11.40527 | 8.814687 | .2223523 |
| #3 | -.007885 | 6.991269 | 4.874161 | 11.50343 | 8.887714 | .2250466 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.122448 |
| Stddev | .000144  |
| %RSD   | .1177497 |

|    |          |
|----|----------|
| #1 | -.122546 |
| #2 | -.122515 |
| #3 | -.122282 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3710.734 | 85950.48 | 19486.20 | 2445.827 | 4613.303 |
| Stddev    | 4.764    | 184.37   | 18.22    | 7.578    | 6.251    |
| %RSD      | .1283879 | .2145044 | .0934803 | .3098276 | .1354907 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3706.397 | 86135.66 | 19505.00 | 2439.791 | 4612.464 |
| #2 | 3715.833 | 85766.94 | 19468.63 | 2443.358 | 4619.930 |
| #3 | 3709.970 | 85948.83 | 19484.98 | 2454.331 | 4607.514 |

Sample Name: Q1624-01LX5      Acquired: 3/25/2025 13:15:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060430 | -.000970 | .0238219 | -.008982 | -.002645 | 26.72355 | .1121469 |
| Stddev | .0009154 | .000638  | .0011047 | .002870  | .000168  | .07007   | .0010396 |
| %RSD   | 15.14750 | 65.73171 | 4.637136 | 31.95303 | 6.345964 | .2621996 | .9269589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049912 | -.001012 | .0232545 | -.011108 | -.002618 | 26.78932 | .1130660 |
| #2 | .0066591 | -.001585 | .0231163 | -.005718 | -.002493 | 26.64986 | .1110187 |
| #3 | .0064787 | -.000312 | .0250950 | -.010122 | -.002825 | 26.73147 | .1123559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014398 | -.002871 | 9.873816 | .0669009 | .0265041 | .1094640 | 57.82213 |
| Stddev | .0000492 | .000018  | .012404  | .0003081 | .0001405 | .0002447 | .23408   |
| %RSD   | 3.415711 | .6132391 | .1256229 | .4605001 | .5301643 | .2235122 | .4048324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014039 | -.002862 | 9.859648 | .0665872 | .0264925 | .1095512 | 58.09240 |
| #2 | .0014958 | -.002860 | 9.882715 | .0672030 | .0263697 | .1096531 | 57.68435 |
| #3 | .0014195 | -.002891 | 9.879086 | .0669125 | .0266500 | .1091877 | 57.68962 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5923391 | 11.64749 | .0469902 | .0007003 | .8447690 | .0975412 | .0924641 |
| Stddev | .0005575 | .01781   | .0002545 | .0002147 | .0123816 | .0009575 | .0007152 |
| %RSD   | .0941136 | .1529360 | .5416348 | 30.65085 | 1.465673 | .9816820 | .7735403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5918847 | 11.65205 | .0468782 | .0008570 | .8568336 | .0978241 | .0930865 |
| #2 | .5929612 | 11.62784 | .0468109 | .0007883 | .8320931 | .0983254 | .0926230 |
| #3 | .5921714 | 11.66258 | .0472815 | .0004556 | .8453803 | .0964741 | .0916828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.429645 | -.039881 | .0023867 | -.005579 | 1.639491 | 1.079224 | 2.261404 |
| Stddev | .030740  | .001352  | .0000507 | .000965  | .005642  | .001038  | .011232  |
| %RSD   | .5661438 | 3.390888 | 2.124389 | 17.30668 | .3441270 | .0961642 | .4966794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.422992 | -.038322 | .0023755 | -.004468 | 1.645201 | 1.078677 | 2.266789 |
| #2 | 5.402777 | -.040575 | .0023426 | -.006216 | 1.633920 | 1.080421 | 2.248493 |
| #3 | 5.463166 | -.040745 | .0024421 | -.006051 | 1.639353 | 1.078575 | 2.268929 |

Sample Name: Q1624-01LX5      Acquired: 3/25/2025 13:15:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.722841 | .0472142 | -.026882 |
| Stddev | .004587  | .0009009 | .000252  |
| %RSD   | .2662617 | 1.908042 | .9363337 |
| #1     | 1.721233 | .0479102 | -.027172 |
| #2     | 1.719274 | .0475357 | -.026718 |
| #3     | 1.728016 | .0461967 | -.026756 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3413.989 | 79239.10 | 17096.66 | 2246.180 | 5062.865 |
| Stddev    | 12.935   | 223.93   | 18.89    | 8.820    | 11.966   |
| %RSD      | .3788961 | .2826029 | .1104605 | .3926706 | .2363551 |
| #1        | 3424.041 | 79036.26 | 17106.78 | 2236.019 | 5069.201 |
| #2        | 3418.532 | 79201.62 | 17074.87 | 2251.860 | 5070.331 |
| #3        | 3399.395 | 79479.40 | 17108.33 | 2250.661 | 5049.063 |



Sample Name: CCV04      Acquired: 3/25/2025 13:33:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.183440 | 5.073164 | 4.939733 | 5.262992 | 5.276618 | 9.926399 | 9.946436 |
| Stddev | .020798  | .042745  | .018901  | .024218  | .026428  | .009301  | .076323  |
| %RSD   | .4012394 | .8425711 | .3826402 | .4601628 | .5008478 | .0936982 | .7673395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.166297 | 5.037225 | 4.925658 | 5.238810 | 5.259570 | 9.929777 | 10.00648 |
| #2 | 5.177446 | 5.061834 | 4.932326 | 5.262920 | 5.263223 | 9.915881 | 9.86055  |
| #3 | 5.206577 | 5.120432 | 4.961217 | 5.287247 | 5.307062 | 9.933538 | 9.97229  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2286794 | 2.449027 | 23.68967 | 1.004687 | 2.466935 | 1.297331 | 5.141861 |
| Stddev | .0015156 | .008216  | .07103   | .004697  | .007509  | .003330  | .034973  |
| %RSD   | .6627585 | .3354993 | .2998225 | .4674841 | .3043985 | .2566515 | .6801710 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2296536 | 2.443413 | 23.70012 | .999269  | 2.461479 | 1.295043 | 5.102063 |
| #2 | .2269332 | 2.445210 | 23.61400 | 1.007196 | 2.463828 | 1.295798 | 5.167696 |
| #3 | .2294513 | 2.458458 | 23.75490 | 1.007597 | 2.475500 | 1.301150 | 5.155825 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.362969 | 23.52883 | 2.458308 | 1.272094 | 26.34388 | 2.447802 | 2.585581 |
| Stddev | .008752  | .08791   | .008095  | .004942  | .29961   | .006659  | .005392  |
| %RSD   | .3703970 | .3736437 | .3293089 | .3884883 | 1.137318 | .2720486 | .2085250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.360605 | 23.55771 | 2.454598 | 1.266876 | 26.00600 | 2.453267 | 2.580464 |
| #2 | 2.355641 | 23.43011 | 2.452732 | 1.272704 | 26.57722 | 2.440385 | 2.591211 |
| #3 | 2.372660 | 23.59868 | 2.467593 | 1.276703 | 26.44843 | 2.449755 | 2.585067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.69418 | 4.616198 | 5.211355 | 4.942471 | 4.909058 | 5.456005 | 5.035082 |
| Stddev | .27194   | .040510  | .022761  | .022534  | .014101  | .073784  | .021020  |
| %RSD   | 1.018721 | .8775563 | .4367623 | .4559205 | .2872524 | 1.352347 | .4174706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.38193 | 4.656387 | 5.196376 | 4.927981 | 4.899560 | 5.372413 | 5.016075 |
| #2 | 26.87907 | 4.575375 | 5.200140 | 4.930999 | 4.902353 | 5.512062 | 5.031512 |
| #3 | 26.82154 | 4.616834 | 5.237547 | 4.968432 | 4.925261 | 5.483539 | 5.057658 |

Sample Name: CCV04      Acquired: 3/25/2025 13:33:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.961459 | 4.922312 | 4.918682 |
| Stddev | .022809  | .007454  | .027001  |
| %RSD   | .4597252 | .1514393 | .5489474 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.938482 | 4.914960 | 4.926856 |
| #2 | 4.961799 | 4.922110 | 4.940651 |
| #3 | 4.984097 | 4.929865 | 4.888538 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3226.468 | 74049.22 | 15941.25 | 2109.121 | 4818.498 |
| Stddev    | 11.086   | 376.80   | 113.76   | 14.314   | 13.486   |
| %RSD      | .3435978 | .5088554 | .7135975 | .6786947 | .2798897 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3231.209 | 74450.49 | 15849.67 | 2125.458 | 4825.177 |
| #2 | 3234.396 | 73994.28 | 16068.59 | 2103.128 | 4827.342 |
| #3 | 3213.800 | 73702.91 | 15905.48 | 2098.777 | 4802.976 |

Sample Name: CCB04      Acquired: 3/25/2025 13:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001550 | -.001067 | -.000773 | .0014482 | -.001470 | -.001745 | -.010938 |
| Stddev | .000515  | .000550  | .000467  | .0032774 | .002208  | .000880  | .000323  |
| %RSD   | 33.24222 | 51.54821 | 60.47005 | 226.3042 | 150.2009 | 50.40330 | 2.954092 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001526 | -.001699 | -.000857 | -.000601 | .001027  | -.002754 | -.011107 |
| #2 | -.001047 | -.000701 | -.000269 | -.000283 | -.002273 | -.001347 | -.010565 |
| #3 | -.002076 | -.000800 | -.001192 | .005228  | -.003163 | -.001135 | -.011142 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000025 | -.000100 | .0173514 | .0002775 | -.000174 | -.000372 | -.004066 |
| Stddev | .0000202 | .000056  | .0030625 | .0003500 | .000053  | .000562  | .000664  |
| %RSD   | 811.4809 | 56.16083 | 17.65013 | 126.1254 | 30.56288 | 151.2004 | 16.32735 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | -.000077 | .0168650 | .0000749 | -.000175 | .000047  | -.004811 |
| #2 | -.000016 | -.000165 | .0145612 | .0006816 | -.000226 | -.000151 | -.003850 |
| #3 | .000024  | -.000060 | .0206280 | .0000759 | -.000120 | -.001011 | -.003537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000967 | -.002932 | -.000028 | .0008833 | .0175034 | .0006551 | -.000305 |
| Stddev | .000063  | .009657  | .000096  | .0001474 | .0198898 | .0008203 | .000024  |
| %RSD   | 6.493043 | 329.3893 | 342.6323 | 16.68403 | 113.6339 | 125.2040 | 8.015607 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001027 | .003503  | .000076  | .0007152 | .0398598 | -.000256 | -.000283 |
| #2 | -.000902 | .001738  | -.000047 | .0009442 | .0017700 | .001336  | -.000301 |
| #3 | -.000970 | -.014037 | -.000113 | .0009904 | .0108805 | .000885  | -.000332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0917470 | -.003113 | -.000074 | -.003401 | .0006834 | -.000191 | -.000988 |
| Stddev | .0114869 | .000141  | .000249  | .000215  | .0006482 | .006033  | .000799  |
| %RSD   | 12.52017 | 4.535319 | 335.4630 | 6.330019 | 94.85185 | 3164.744 | 80.90631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0798612 | -.003170 | .000195  | -.003615 | .0013411 | .003218  | -.000556 |
| #2 | .0925915 | -.003217 | -.000295 | -.003403 | .0006639 | .003366  | -.000498 |
| #3 | .1027883 | -.002952 | -.000122 | -.003185 | .0000452 | -.007156 | -.001910 |

Sample Name: CCB04      Acquired: 3/25/2025 13:42:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005848 | -.005455 | .0000036 |
| Stddev | .0013433 | .000368  | .0000606 |
| %RSD   | 229.7180 | 6.744260 | 1699.771 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0014384 | -.005880 | -.000063 |
| #2 | .0012796 | -.005247 | .000019  |
| #3 | -.000964 | -.005238 | .000055  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3348.946 | 76212.44 | 16592.26 | 2145.686 | 5431.639 |
| Stddev    | 5.648    | 142.42   | 79.62    | 3.448    | 8.164    |
| %RSD      | .1686501 | .1868726 | .4798782 | .1607030 | .1503025 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3351.510 | 76256.24 | 16527.43 | 2148.465 | 5430.847 |
| #2 | 3352.857 | 76053.26 | 16568.22 | 2146.767 | 5440.170 |
| #3 | 3342.471 | 76327.81 | 16681.14 | 2141.827 | 5423.900 |

Sample Name: Q1624-01MS      Acquired: 3/25/2025 13:46:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6925245 | 1.817331 | 1.020291 | 1.582904 | .3317905 | 116.6930 |
| Stddev | .0004870 | .005112  | .003124  | .004753  | .0041427 | .0450    |
| %RSD   | .0703283 | .2812667 | .3062110 | .3002450 | 1.248581 | .0385717 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6920177 | 1.821181 | 1.020315 | 1.587486 | .3270077 | 116.6418 |
| #2 | .6925668 | 1.811531 | 1.017155 | 1.577998 | .3342556 | 116.7262 |
| #3 | .6929891 | 1.819280 | 1.023403 | 1.583229 | .3341082 | 116.7110 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6942045 | .1481922 | .1838567 | 46.96533 | .6119140 | .3320478 |
| Stddev | .0034819 | .0003914 | .0005657 | .11483   | .0019237 | .0005022 |
| %RSD   | .5015730 | .2641358 | .3076644 | .2444902 | .3143781 | .1512482 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6902286 | .1480722 | .1842331 | 46.83289 | .6138810 | .3322804 |
| #2 | .6956749 | .1486296 | .1832062 | 47.03695 | .6118241 | .3314715 |
| #3 | .6967101 | .1478749 | .1841307 | 47.02616 | .6100367 | .3323915 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7267022 | 249.8428 | 2.656505 | 53.15521 | .7069295 | .0639312 |
| Stddev | .0019338 | .6535    | .013311  | .13944   | .0021368 | .0007757 |
| %RSD   | .2661092 | .2615728 | .5010637 | .2623247 | .3022616 | 1.213286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7277782 | 249.1076 | 2.641137 | 53.00240 | .7078359 | .0632190 |
| #2 | .7244697 | 250.0632 | 2.663983 | 53.18766 | .7044889 | .0638171 |
| #3 | .7278588 | 250.3577 | 2.664395 | 53.27555 | .7084637 | .0647577 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.091149 | .6649917 | .5746007 | 35.67095 | .0684256 | .3614774 |
| Stddev | .012661  | .0016135 | .0004512 | .05303   | .0039252 | .0017049 |
| %RSD   | .2078650 | .2426377 | .0785284 | .1486715 | 5.736414 | .4716596 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.087044 | .6637460 | .5741546 | 35.72879 | .0726124 | .3622057 |
| #2 | 6.081049 | .6668144 | .5745905 | 35.65945 | .0678357 | .3595293 |
| #3 | 6.105354 | .6644148 | .5750569 | 35.62461 | .0648288 | .3626973 |

Sample Name: Q1624-01MS      Acquired: 3/25/2025 13:46:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707   |
|--------|----------|----------|----------|------------|------------|----------|
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .6484783 | 8.437904 | 5.534111 | F 17.97944 | F 12.90334 | .3874569 |
| Stddev | .0018751 | .024267  | .018665  | .04721     | .02729     | .0008756 |
| %RSD   | .2891480 | .2875923 | .3372719 | .2625877   | .2114710   | .2259904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6500219 | 8.409951 | 5.542112 | 17.96731 | 12.91391 | .3866589 |
| #2 | .6463917 | 8.450199 | 5.512780 | 17.93947 | 12.87235 | .3883936 |
| #3 | .6490214 | 8.453563 | 5.547443 | 18.03153 | 12.92377 | .3873183 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .0642218 |
| Stddev | .0004253 |
| %RSD   | .6622380 |

|    |          |
|----|----------|
| #1 | .0640847 |
| #2 | .0638820 |
| #3 | .0646988 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3704.280 | 87246.30 | 19321.05 | 2451.605 | 4552.435 |
| Stddev    | 9.075    | 176.74   | 44.22    | 9.120    | 9.183    |
| %RSD      | .2449979 | .2025704 | .2288834 | .3720092 | .2017247 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3695.771 | 87165.91 | 19362.38 | 2459.520 | 4545.045 |
| #2 | 3713.832 | 87448.94 | 19326.35 | 2441.632 | 4562.716 |
| #3 | 3703.238 | 87124.05 | 19274.41 | 2453.664 | 4549.544 |

Sample Name: Q1624-01MSD      Acquired: 3/25/2025 13:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6876949 | 1.810735 | 1.013724 | 1.561850 | .3265494 | 117.1538 |
| Stddev | .0017990 | .009490  | .003343  | .001614  | .0003103 | .1068    |
| %RSD   | .2615969 | .5240726 | .3297519 | .1033486 | .0950220 | .0911220 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6857067 | 1.820498 | 1.014971 | 1.560495 | .3262678 | 117.1981 |
| #2 | .6881678 | 1.810163 | 1.009937 | 1.563636 | .3264983 | 117.0320 |
| #3 | .6892102 | 1.801544 | 1.016263 | 1.561418 | .3268820 | 117.2312 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6839731 | .1538361 | .1844010 | 46.94102 | .6065159 | .3301209 |
| Stddev | .0004180 | .0009724 | .0005101 | .00564   | .0012552 | .0007710 |
| %RSD   | .0611077 | .6320976 | .2766248 | .0120161 | .2069522 | .2335582 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6844422 | .1536634 | .1847707 | 46.94742 | .6071572 | .3294358 |
| #2 | .6838369 | .1548832 | .1838190 | 46.93678 | .6073209 | .3299708 |
| #3 | .6836403 | .1529615 | .1846132 | 46.93884 | .6050696 | .3309559 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7282152 | 238.6848 | 2.670712 | 53.52964 | .7050909 | .0617765 |
| Stddev | .0018330 | .3584    | .003696  | .05076   | .0007536 | .0003181 |
| %RSD   | .2517103 | .1501611 | .1383956 | .0948293 | .1068820 | .5148743 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7261596 | 238.5755 | 2.673816 | 53.54807 | .7053245 | .0620737 |
| #2 | .7288065 | 238.3937 | 2.671696 | 53.56862 | .7042482 | .0618149 |
| #3 | .7296796 | 239.0851 | 2.666623 | 53.47224 | .7057001 | .0614410 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.813872 | .6623616 | .5708788 | 34.06955 | .0180862 | .3602264 |
| Stddev | .016038  | .0027501 | .0034208 | .09673   | .0046985 | .0008606 |
| %RSD   | .2758520 | .4151915 | .5992173 | .2839215 | 25.97854 | .2388983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.832372 | .6630867 | .5748043 | 34.11226 | .0145775 | .3596044 |
| #2 | 5.805352 | .6646765 | .5692966 | 33.95882 | .0162569 | .3612085 |
| #3 | 5.803893 | .6593217 | .5685356 | 34.13757 | .0234242 | .3598664 |

Sample Name: Q1624-01MSD      Acquired: 3/25/2025 13:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .6496181 | 8.396412 | 5.389940 | F 17.91835 | F 12.80053 | .3851946 |
| Stddev | .0008089 | .004783  | .005112  | .02791     | .01067     | .0009983 |
| %RSD   | .1245213 | .0569647 | .0948414 | .1557805   | .0833424   | .2591692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6499598 | 8.398714 | 5.385837 | 17.89356 | 12.81153 | .3851728 |
| #2 | .6486945 | 8.390914 | 5.388316 | 17.94858 | 12.79022 | .3842074 |
| #3 | .6502001 | 8.399610 | 5.395666 | 17.91290 | 12.79985 | .3862036 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0719728 |
| Stddev | .0001747 |
| %RSD   | .2427552 |

|    |          |
|----|----------|
| #1 | .0721566 |
| #2 | .0719530 |
| #3 | .0718088 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3721.035 | 88295.62 | 18548.89 | 2486.914 | 4576.272 |
| Stddev    | 7.006    | 114.43   | 53.12    | 14.796   | 7.893    |
| %RSD      | .1882877 | .1295962 | .2863782 | .5949447 | .1724666 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3728.150 | 88176.51 | 18529.10 | 2470.650 | 4578.273 |
| #2 | 3720.812 | 88305.66 | 18508.50 | 2499.577 | 4582.971 |
| #3 | 3714.142 | 88404.70 | 18609.06 | 2490.515 | 4567.571 |



Sample Name: Q1624-01A      Acquired: 3/25/2025 13:54:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6886159 | 1.784387 | .9928503 | 1.568719 | .6815420 | 119.2831 |
| Stddev | .0031196 | .011613  | .0011157 | .006870  | .0028167 | .3403    |
| %RSD   | .4530320 | .6508043 | .1123778 | .4379242 | .4132793 | .2852779 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6900556 | 1.788063 | .9941039 | 1.560967 | .6837057 | 119.0296 |
| #2 | .6850364 | 1.771381 | .9924809 | 1.571139 | .6783571 | 119.6698 |
| #3 | .6907558 | 1.793717 | .9919661 | 1.574051 | .6825631 | 119.1498 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6926666 | .1439846 | .1759440 | 42.19994 | .6006427 | .3189489 |
| Stddev | .0032275 | .0008345 | .0003214 | .17618   | .0026518 | .0005397 |
| %RSD   | .4659517 | .5795590 | .1826768 | .4174906 | .4415000 | .1692001 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6922346 | .1442018 | .1761395 | 42.08367 | .5985149 | .3183293 |
| #2 | .6960884 | .1446891 | .1761195 | 42.40264 | .6036136 | .3193159 |
| #3 | .6896769 | .1430631 | .1755731 | 42.11350 | .5997996 | .3192016 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6929096 | 258.1511 | 2.616105 | 51.07462 | .6925674 | .0642150 |
| Stddev | .0018030 | 1.1682   | .013081  | .24684   | .0029628 | .0002260 |
| %RSD   | .2602018 | .4525160 | .5000179 | .4832936 | .4277964 | .3518840 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6909232 | 256.8950 | 2.609363 | 50.83664 | .6892130 | .0643607 |
| #2 | .6933630 | 259.2050 | 2.631182 | 51.32946 | .6948268 | .0643296 |
| #3 | .6944426 | 258.3533 | 2.607771 | 51.05777 | .6936624 | .0639547 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.504381 | .6449398 | .5716498 | 34.76360 | .1052318 | .3508574 |
| Stddev | .033430  | .0045126 | .0026339 | .15224   | .0040984 | .0003723 |
| %RSD   | .5139655 | .6996880 | .4607578 | .4379314 | 3.894619 | .1061202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.475739 | .6403017 | .5733243 | 34.59783 | .1005810 | .3509223 |
| #2 | 6.541114 | .6493154 | .5730113 | 34.89715 | .1067993 | .3511930 |
| #3 | 6.496290 | .6452022 | .5686138 | 34.79581 | .1083151 | .3504569 |

Sample Name: Q1624-01A      Acquired: 3/25/2025 13:54:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |          |          |
|--------|----------|----------|------------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | .6449276 | 7.437935 | F 10.18465 | F 16.78243 | 8.774945 | .3906761 |
| Stddev | .0018453 | .033569  | .05384     | .03090     | .007092  | .0027098 |
| %RSD   | .2861234 | .4513201 | .5286451   | .1841118   | .0808250 | .6936143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6433636 | 7.421732 | 10.19601 | 16.79857 | 8.779100 | .3891136 |
| #2 | .6469628 | 7.476532 | 10.12603 | 16.80191 | 8.766756 | .3938051 |
| #3 | .6444564 | 7.415541 | 10.23190 | 16.74680 | 8.778980 | .3891096 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0335188 |
| Stddev | .0011537 |
| %RSD   | 3.441792 |

|    |          |
|----|----------|
| #1 | .0341792 |
| #2 | .0341905 |
| #3 | .0321867 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3674.634 | 85181.44 | 19415.66 | 2404.487 | 4573.243 |
| Stddev    | 5.312    | 212.58   | 102.00   | 4.409    | 7.678    |
| %RSD      | .1445499 | .2495654 | .5253273 | .1833747 | .1678882 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3669.162 | 85384.92 | 19420.79 | 2406.555 | 4571.988 |
| #2 | 3674.972 | 84960.80 | 19311.19 | 2399.425 | 4566.270 |
| #3 | 3679.769 | 85198.60 | 19514.99 | 2407.483 | 4581.471 |

Sample Name: Q1619-05DLX10      Acquired: 3/25/2025 13:58:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062453 | .0009840 | .0370563 | .0004359 | -.008975 | 12.03216 | .0622174 |
| Stddev | .0011186 | .0020425 | .0010244 | .0020396 | .001249  | .02255   | .0014812 |
| %RSD   | 17.91065 | 207.5686 | 2.764354 | 467.8936 | 13.91754 | .1874415 | 2.380648 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051135 | -.000974 | .0361390 | .0024847 | -.007742 | 12.00626 | .0637554 |
| #2 | .0062721 | .000825  | .0368682 | .0004172 | -.008942 | 12.04275 | .0608005 |
| #3 | .0073502 | .003101  | .0381616 | -.001594 | -.010240 | 12.04747 | .0620962 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008839 | -.001594 | 10.31084 | 1.298047 | .0169170 | .0543407 | 27.61898 |
| Stddev | .0000535 | .000074  | .02793   | .002664  | .0003061 | .0001488 | .01969   |
| %RSD   | 6.056300 | 4.644343 | .2708461 | .2052001 | 1.809578 | .2737719 | .0712923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009106 | -.001675 | 10.32495 | 1.301024 | .0167665 | .0545102 | 27.63967 |
| #2 | .0009188 | -.001579 | 10.32889 | 1.295889 | .0167153 | .0542798 | 27.60047 |
| #3 | .0008223 | -.001529 | 10.27867 | 1.297227 | .0172693 | .0542320 | 27.61678 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4119881 | 4.654377 | .0416877 | .0009426 | .4777627 | .0782134 | .0896541 |
| Stddev | .0020907 | .017264  | .0006908 | .0000941 | .0173460 | .0006122 | .0001135 |
| %RSD   | .5074577 | .3709289 | 1.657113 | 9.985148 | 3.630678 | .7826965 | .1265894 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4140846 | 4.669406 | .0411658 | .0010499 | .4598783 | .0788664 | .0897831 |
| #2 | .4119765 | 4.658205 | .0414261 | .0009040 | .4788949 | .0781214 | .0896096 |
| #3 | .4099033 | 4.635520 | .0424711 | .0008740 | .4945149 | .0776525 | .0895695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.238058 | -.016415 | .0000108 | .0052455 | .3080840 | 1.061182 | .4168826 |
| Stddev | .025764  | .000784  | .0001971 | .0003466 | .0011970 | .010657  | .0006172 |
| %RSD   | 2.081002 | 4.774566 | 1820.041 | 6.607742 | .3885338 | 1.004267 | .1480538 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.208408 | -.016372 | -.000134 | .0056455 | .3070677 | 1.048880 | .4171533 |
| #2 | 1.254995 | -.017219 | .000235  | .0050578 | .3094034 | 1.067074 | .4161763 |
| #3 | 1.250769 | -.015653 | -.000068 | .0050332 | .3077809 | 1.067591 | .4173181 |

Sample Name: Q1619-05DLX10      Acquired: 3/25/2025 13:58:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6051478 | .0220586 | -.004697 |
| Stddev | .0037520 | .0010044 | .000080  |
| %RSD   | .6200171 | 4.553140 | 1.701970 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6066574 | .0226911 | -.004627 |
| #2 | .6008761 | .0225841 | -.004679 |
| #3 | .6079098 | .0209005 | -.004784 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3329.111 | 76448.23 | 16778.94 | 2160.599 | 5180.634 |
| Stddev    | 4.172    | 238.49   | 70.67    | 8.788    | 15.100   |
| %RSD      | .1253155 | .3119638 | .4212054 | .4067480 | .2914696 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3332.297 | 76235.16 | 16697.45 | 2152.605 | 5177.207 |
| #2 | 3330.646 | 76705.86 | 16823.37 | 2170.010 | 5197.153 |
| #3 | 3324.389 | 76403.66 | 16816.02 | 2159.181 | 5167.542 |

Sample Name: Q1626-01      Acquired: 3/25/2025 14:02:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0791445 | .0088267 | 9.582461 | -.064433 | .0267230 | 76.13780 |
| Stddev | .0024816 | .0003658 | .032251  | .002997  | .0009742 | .15465   |
| %RSD   | 3.135526 | 4.143751 | .3365600 | 4.651426 | 3.645560 | .2031135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0791726 | .0084049 | 9.548480 | -.063294 | .0257175 | 76.29541 |
| #2 | .0766490 | .0090566 | 9.586256 | -.062172 | .0276626 | 75.98630 |
| #3 | .0816120 | .0090186 | 9.612646 | -.067833 | .0267889 | 76.13168 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.782559 | .0073035 | .1130704 | 187.2123 | .4502013 | .2202772 |
| Stddev | .029460  | .0000892 | .0001096 | .2847    | .0006890 | .0011769 |
| %RSD   | .7788405 | 1.221304 | .0969699 | .1520584 | .1530349 | .5342952 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.750458 | .0074064 | .1131856 | 187.4074 | .4495546 | .2190070 |
| #2 | 3.808359 | .0072558 | .1130583 | 187.3438 | .4509259 | .2204936 |
| #3 | 3.788859 | .0072483 | .1129673 | 186.8856 | .4501234 | .2213309 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.373191 | 357.2363 | 3.814848 | 44.72707 | .6084214 | .0104155 |
| Stddev | .007476  | 2.5077   | .007444  | .13751   | .0020811 | .0003915 |
| %RSD   | .2216405 | .7019680 | .1951430 | .3074333 | .3420441 | 3.758488 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.372550 | 355.7411 | 3.817141 | 44.66041 | .6066320 | .0100881 |
| #2 | 3.366056 | 355.8365 | 3.806526 | 44.63560 | .6079270 | .0103094 |
| #3 | 3.380967 | 360.1314 | 3.820876 | 44.88520 | .6107051 | .0108491 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.321117 | .3318361 | 14.52914 | 22.82580 | -.053018 | .0946716 |
| Stddev | .006763  | .0006928 | .05084   | .06862   | .001017  | .0003154 |
| %RSD   | .1565020 | .2087910 | .3499481 | .3006081 | 1.918458 | .3331345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.328608 | .3326220 | 14.58692 | 22.88186 | -.053332 | .0945659 |
| #2 | 4.319281 | .3313132 | 14.49123 | 22.74928 | -.051881 | .0950262 |
| #3 | 4.315462 | .3315732 | 14.50928 | 22.84627 | -.053841 | .0944226 |

Sample Name: Q1626-01      Acquired: 3/25/2025 14:02:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |          |
|--------|----------|----------|------------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | 1.648741 | 4.302629 | F 10.53398 | F 12.26313 | F 12.24689 | .2257880 |
| Stddev | .004980  | .004941  | .01254     | .06917     | .06181     | .0012881 |
| %RSD   | .3020371 | .1148427 | .1190387   | .5640395   | .5047207   | .5704980 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.643699 | 4.305253 | 10.54124 | 12.20908 | 12.18423 | .2268631 |
| #2 | 1.648867 | 4.296929 | 10.51951 | 12.23923 | 12.24862 | .2243603 |
| #3 | 1.653657 | 4.305704 | 10.54121 | 12.34108 | 12.30782 | .2261405 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4752075 |
| Stddev | .0028759 |
| %RSD   | .6051881 |

|    |          |
|----|----------|
| #1 | .4783393 |
| #2 | .4745979 |
| #3 | .4726852 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3908.757 | 92630.88 | 21584.61 | 2563.485 | 4345.504 |
| Stddev    | 10.149   | 211.37   | 60.73    | 8.025    | 9.771    |
| %RSD      | .2596521 | .2281822 | .2813732 | .3130481 | .2248636 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3903.598 | 92571.54 | 21623.51 | 2563.849 | 4349.232 |
| #2 | 3920.449 | 92865.57 | 21615.69 | 2571.322 | 4352.863 |
| #3 | 3902.223 | 92455.53 | 21514.62 | 2555.285 | 4334.418 |

Sample Name: Q1630-01      Acquired: 3/25/2025 14:11:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0712505 | .0192478 | .3718137 | -.086872 | -.008131 | 232.9441 | 1.892914 |
| Stddev | .0017512 | .0039658 | .0008137 | .001236  | .002955  | 2.2375   | .004048  |
| %RSD   | 2.457860 | 20.60384 | .2188535 | 1.423345 | 36.34349 | .9605285 | .2138342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0710386 | .0202945 | .3713080 | -.088255 | -.011016 | 235.3300 | 1.890262 |
| #2 | .0730980 | .0148636 | .3727524 | -.085873 | -.008265 | 230.8926 | 1.890907 |
| #3 | .0696149 | .0225852 | .3713808 | -.086489 | -.005111 | 232.6098 | 1.897573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0178739 | .0053265 | 218.2289 | .4098693 | .2838979 | .6707679 | 463.6248 |
| Stddev | .0001259 | .0001801 | .7506    | .0007080 | .0005687 | .0028747 | 1.1052   |
| %RSD   | .7041026 | 3.382227 | .3439517 | .1727459 | .2003200 | .4285627 | .2383841 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0177388 | .0054834 | 217.3920 | .4101665 | .2834201 | .6678702 | 462.3505 |
| #2 | .0179878 | .0051297 | 218.8423 | .4090611 | .2837465 | .6708145 | 464.3228 |
| #3 | .0178951 | .0053663 | 218.4525 | .4103803 | .2845269 | .6736189 | 464.2010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.87300 | 165.2137 | .5713703 | -.003461 | 3.084918 | .5866030 | 1.734469 |
| Stddev | .01392   | .4445    | .0012833 | .000183  | .024990  | .0010944 | .005343  |
| %RSD   | .1003660 | .2690590 | .2245945 | 5.301424 | .8100691 | .1865643 | .3080237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.85998 | 165.4483 | .5703387 | -.003404 | 3.059288 | .5865520 | 1.733841 |
| #2 | 13.88768 | 165.4918 | .5709650 | -.003666 | 3.086252 | .5877220 | 1.729468 |
| #3 | 13.87133 | 164.7010 | .5728073 | -.003312 | 3.109214 | .5855350 | 1.740097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 34.51782 | -.156386 | .0046936 | .0056350 | 4.638222 | 3.229401 | 7.780774 |
| Stddev | .17382   | .003719  | .0002106 | .0005217 | .007661  | .022396  | .008896  |
| %RSD   | .5035719 | 2.377897 | 4.486693 | 9.258187 | .1651813 | .6935138 | .1143385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 34.39356 | -.159300 | .0048936 | .0052559 | 4.640964 | 3.207572 | 7.773198 |
| #2 | 34.44344 | -.152198 | .0047134 | .0062299 | 4.629567 | 3.228307 | 7.778553 |
| #3 | 34.71645 | -.157660 | .0044738 | .0054190 | 4.644136 | 3.252325 | 7.790570 |

Sample Name: Q1630-01      Acquired: 3/25/2025 14:11:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.427092 | 1.058610 | .5962536 |
| Stddev | .003182  | .002925  | .0026477 |
| %RSD   | .2229865 | .2763294 | .4440521 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.423441 | 1.055959 | .5992595 |
| #2 | 1.428557 | 1.058123 | .5952338 |
| #3 | 1.429277 | 1.061749 | .5942675 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3529.508 | 83098.79 | 19470.04 | 2332.566 | 4114.135 |
| Stddev    | 7.373    | 221.52   | 10.92    | 6.375    | 6.617    |
| %RSD      | .2088978 | .2665748 | .0560643 | .2732966 | .1608373 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3536.530 | 83224.50 | 19459.31 | 2332.148 | 4120.325 |
| #2 | 3530.167 | 83228.85 | 19481.13 | 2339.139 | 4114.917 |
| #3 | 3521.828 | 82843.01 | 19469.69 | 2326.410 | 4107.161 |



Sample Name: PB167267BL      Acquired: 3/25/2025 14:15:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002816 | -.001736 | -.001103 | -.000495 | .0004204 | .0050211 | -.011880 |
| Stddev | .001516  | .000613  | .000546  | .001902  | .0019505 | .0055572 | .000148  |
| %RSD   | 53.83766 | 35.30247 | 49.50144 | 383.8839 | 463.9181 | 110.6766 | 1.242571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001505 | -.002220 | -.001720 | .001154  | .0012980 | -.001382 | -.011824 |
| #2 | -.002467 | -.001942 | -.000906 | -.002576 | -.001815 | .008592  | -.012047 |
| #3 | -.004477 | -.001047 | -.000682 | -.000064 | .001778  | .007853  | -.011768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000138 | -.000112 | .0106772 | -.000104 | -.000068 | -.000293 | .0066643 |
| Stddev | .0000424 | .000059  | .0042410 | .000308  | .000169  | .000200  | .0029781 |
| %RSD   | 307.9657 | 53.06930 | 39.71979 | 296.1380 | 248.2476 | 68.24986 | 44.68777 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000417 | -.000146 | .0094755 | -.000333 | -.000083 | -.000154 | .0046001 |
| #2 | -.000035 | -.000043 | .0153894 | -.000226 | .000107  | -.000202 | .0100783 |
| #3 | .000035  | -.000146 | .0071668 | .000246  | -.000229 | -.000522 | .0053144 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000718 | .0031055 | .0001789 | .0006816 | -.014018 | -.000208 | -.001014 |
| Stddev | .000201  | .0147222 | .0000707 | .0000839 | .017190  | .000731  | .000036  |
| %RSD   | 27.99353 | 474.0674 | 39.53721 | 12.30506 | 122.6285 | 351.5569 | 3.506895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000643 | -.011369 | .0000973 | .0007399 | -.029474 | .000402  | -.001005 |
| #2 | -.000566 | .002622  | .0002195 | .0005855 | -.017076 | -.001018 | -.001053 |
| #3 | -.000946 | .018064  | .0002201 | .0007194 | .004496  | -.000008 | -.000984 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0364620 | -.006081 | -.000230 | -.003895 | .0009032 | .0040687 | -.001331 |
| Stddev | .0130843 | .000152  | .000258  | .000161  | .0002725 | .0042910 | .002220  |
| %RSD   | 35.88475 | 2.499365 | 111.8200 | 4.132050 | 30.17132 | 105.4626 | 166.8302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0243697 | -.006256 | -.000323 | -.004081 | .0005894 | .0053005 | -.003666 |
| #2 | .0503523 | -.005983 | -.000429 | -.003815 | .0010807 | -.000703 | -.001082 |
| #3 | .0346639 | -.006004 | .000061  | -.003790 | .0010394 | .007609  | .000754  |

Sample Name: PB167267BL      Acquired: 3/25/2025 14:15:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0012671 | -.004919 | .0000839 |
| Stddev | .0012473 | .000684  | .0000402 |
| %RSD   | 98.43424 | 13.89585 | 47.92198 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001064 | -.004452 | .0000464 |
| #2 | .0011091 | -.004602 | .0001264 |
| #3 | .0025859 | -.005704 | .0000790 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3349.465 | 76762.68 | 16228.00 | 2179.633 | 5433.215 |
| Stddev    | 7.556    | 604.98   | 66.93    | 26.993   | 12.009   |
| %RSD      | .2255925 | .7881143 | .4124518 | 1.238405 | .2210267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3343.296 | 77379.18 | 16249.12 | 2210.549 | 5419.776 |
| #2 | 3347.205 | 76738.94 | 16281.83 | 2167.603 | 5436.978 |
| #3 | 3357.893 | 76169.92 | 16153.06 | 2160.747 | 5442.892 |

Sample Name: PB167267BS      Acquired: 3/25/2025 14:20:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7695699 | 1.896357 | .9042908 | 1.988719 | .8145114 | 1.860423 |
| Stddev | .0035460 | .008826  | .0023072 | .007151  | .0044424 | .001959  |
| %RSD   | .4607808 | .4654177 | .2551392 | .3595608 | .5454079 | .1053219 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7735732 | 1.887301 | .9024470 | 1.994835 | .8119039 | 1.862187 |
| #2 | .7668234 | 1.896838 | .9035474 | 1.980857 | .8119894 | 1.860766 |
| #3 | .7683132 | 1.904933 | .9068781 | 1.990466 | .8196408 | 1.858314 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1672938 | .1701620 | .1798770 | .9150027 | .3849232 | .1842169 |
| Stddev | .0015796 | .0006691 | .0007121 | .0084066 | .0013794 | .0006749 |
| %RSD   | .9442359 | .3931882 | .3958672 | .9187536 | .3583549 | .3663535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1686979 | .1704672 | .1790747 | .9160879 | .3861673 | .1834560 |
| #2 | .1655834 | .1693947 | .1801225 | .9061062 | .3834398 | .1844521 |
| #3 | .1676002 | .1706239 | .1804339 | .9228141 | .3851625 | .1847428 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3057550 | 2.864665 | .1764619 | 1.733622 | .4614139 | .0731822 |
| Stddev | .0010827 | .010229  | .0014611 | .012673  | .0018821 | .0002327 |
| %RSD   | .3541067 | .3570868 | .8279748 | .7310251 | .4078916 | .3180143 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3046204 | 2.876018 | .1768773 | 1.730131 | .4598416 | .0734235 |
| #2 | .3058676 | 2.861809 | .1748382 | 1.723061 | .4609006 | .0731639 |
| #3 | .3067770 | 2.856167 | .1776703 | 1.747675 | .4634993 | .0729591 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.730423 | .2715782 | .1961610 | 9.679607 | .2485588 | .4016540 |
| Stddev | .025057  | .0023250 | .0008322 | .093638  | .0015229 | .0013114 |
| %RSD   | .9176931 | .8561258 | .4242479 | .9673688 | .6127058 | .3264908 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.755417 | .2740522 | .1961286 | 9.770741 | .2477129 | .4002562 |
| #2 | 2.730550 | .2694382 | .1953455 | 9.684429 | .2476467 | .4018486 |
| #3 | 2.705303 | .2712444 | .1970089 | 9.583652 | .2503169 | .4028572 |

Sample Name: PB167267BS      Acquired: 3/25/2025 14:20:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6388797 | .1821319 | .7707131 | 5.336165 | F -.008110 | .1831888 |
| Stddev | .0019183 | .0009646 | .0064229 | .018715  | .002028    | .0009057 |
| %RSD   | .3002522 | .5296011 | .8333675 | .3507286 | 25.00347   | .4943895 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6369233 | .1831611 | .7763956 | 5.321394 | -.010431 | .1841834 |
| #2 | .6389586 | .1812486 | .7719992 | 5.329889 | -.006684 | .1829716 |
| #3 | .6407573 | .1819860 | .7637445 | 5.357212 | -.007214 | .1824115 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1805436 |
| Stddev | .0007541 |
| %RSD   | .4176815 |

|    |          |
|----|----------|
| #1 | .1812901 |
| #2 | .1797821 |
| #3 | .1805586 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3307.564 | 76751.17 | 16470.14 | 2157.929 | 5236.403 |
| Stddev    | 8.175    | 95.22    | 78.26    | 11.034   | 12.856   |
| %RSD      | .2471490 | .1240695 | .4751557 | .5113032 | .2455079 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3315.784 | 76649.35 | 16474.23 | 2162.832 | 5250.912 |
| #2 | 3307.472 | 76766.13 | 16546.28 | 2145.293 | 5231.868 |
| #3 | 3299.436 | 76838.03 | 16389.92 | 2165.661 | 5226.429 |

Sample Name: Q1619-09DLX25      Acquired: 3/25/2025 14:24:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042780 | -.002106 | .0131162 | .0016243 | -.007871 | 3.802038 | .0056288 |
| Stddev | .0025847 | .000595  | .0017187 | .0007741 | .000859  | .006481  | .0004394 |
| %RSD   | 60.41834 | 28.25312 | 13.10398 | 47.65870 | 10.90919 | .1704591 | 7.805785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071475 | -.001445 | .0132331 | .0015681 | -.007679 | 3.794846 | .0059896 |
| #2 | .0021326 | -.002599 | .0147735 | .0008798 | -.007124 | 3.807425 | .0057573 |
| #3 | .0035539 | -.002272 | .0113420 | .0024250 | -.008809 | 3.803843 | .0051395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001378 | -.000444 | 6.238185 | 1.236975 | .0022709 | .0104082 | 6.183262 |
| Stddev | .0000484 | .000034  | .022124  | .004724  | .0001069 | .0001838 | .017441  |
| %RSD   | 35.15547 | 7.577453 | .3546508 | .3819237 | 4.707648 | 1.766018 | .2820748 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001236 | -.000405 | 6.239593 | 1.231521 | .0023778 | .0105613 | 6.163530 |
| #2 | .0001917 | -.000461 | 6.215392 | 1.239604 | .0021640 | .0102043 | 6.196622 |
| #3 | .0000980 | -.000465 | 6.259572 | 1.239800 | .0022709 | .0104589 | 6.189633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1373359 | 1.120995 | .0057020 | .0006910 | .0597010 | .0173434 | .0167694 |
| Stddev | .0003594 | .025235  | .0003162 | .0002327 | .0128043 | .0006932 | .0001649 |
| %RSD   | .2616810 | 2.251101 | 5.545552 | 33.67087 | 21.44741 | 3.997178 | .9835937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1369461 | 1.096631 | .0059140 | .0004603 | .0623069 | .0170401 | .0166061 |
| #2 | .1374073 | 1.119334 | .0053385 | .0006871 | .0710020 | .0168535 | .0167662 |
| #3 | .1376542 | 1.147019 | .0058534 | .0009256 | .0457942 | .0181366 | .0169359 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3271457 | -.007635 | .0001226 | -.001755 | .0839229 | .3527319 | .2503440 |
| Stddev | .0190369 | .000182  | .0002515 | .000670  | .0007920 | .0030581 | .0029712 |
| %RSD   | 5.819072 | 2.385817 | 205.1591 | 38.15376 | .9436907 | .8669670 | 1.186851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3227848 | -.007580 | -.000146 | -.002489 | .0843546 | .3562104 | .2537682 |
| #2 | .3479846 | -.007838 | .000160  | -.001600 | .0830089 | .3504664 | .2484481 |
| #3 | .3106677 | -.007486 | .000353  | -.001177 | .0844052 | .3515190 | .2488156 |

Sample Name: Q1619-09DLX25      Acquired: 3/25/2025 14:24:18      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3470475 | .0012366 | .0063255 |
| Stddev | .0017900 | .0003743 | .0000526 |
| %RSD   | .5157756 | 30.26334 | .8319901 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3453920 | .0012630 | .0063251 |
| #2 | .3468038 | .0008499 | .0062731 |
| #3 | .3489469 | .0015970 | .0063783 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3323.178 | 77006.38 | 16716.28 | 2185.173 | 5272.385 |
| Stddev    | 18.034   | 130.72   | 34.20    | 5.389    | 22.863   |
| %RSD      | .5426615 | .1697491 | .2046030 | .2465968 | .4336461 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3322.690 | 77066.18 | 16681.02 | 2191.303 | 5275.565 |
| #2 | 3341.451 | 77096.49 | 16749.32 | 2183.031 | 5293.493 |
| #3 | 3305.394 | 76856.46 | 16718.51 | 2181.184 | 5248.099 |

Sample Name: Q1619-11DLX10      Acquired: 3/25/2025 14:28:33      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044503 | -.000652 | .0188402 | -.001692 | -.006428 | 5.056299 | .0161255 |
| Stddev | .0004176 | .001196  | .0011055 | .003664  | .000391  | .094775  | .0008643 |
| %RSD   | 9.383452 | 183.4417 | 5.867670 | 216.5310 | 6.083740 | 1.874401 | 5.359741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042913 | -.001070 | .0178642 | .000209  | -.006833 | 5.010411 | .0151387 |
| #2 | .0049240 | .000697  | .0186158 | .000631  | -.006401 | 5.165284 | .0164901 |
| #3 | .0041356 | -.001582 | .0200407 | -.005917 | -.006052 | 4.993202 | .0167478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004360 | -.000666 | 5.495346 | .7369959 | .0047322 | .0225407 | 10.80949 |
| Stddev | .0000477 | .000034  | .103829  | .0028477 | .0000647 | .0003387 | .01658   |
| %RSD   | 10.94181 | 5.122185 | 1.889400 | .3863960 | 1.367492 | 1.502389 | .1533854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004495 | -.000639 | 5.442229 | .7396165 | .0047427 | .0228705 | 10.80103 |
| #2 | .0003830 | -.000655 | 5.614987 | .7339655 | .0046629 | .0225579 | 10.82859 |
| #3 | .0004754 | -.000704 | 5.428821 | .7374059 | .0047910 | .0221938 | 10.79885 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0846449 | 1.880317 | .0100972 | .0007729 | .1821820 | .0109313 | .0570617 |
| Stddev | .0014523 | .030230  | .0001189 | .0002049 | .0196951 | .0017973 | .0002692 |
| %RSD   | 1.715692 | 1.607717 | 1.177205 | 26.51710 | 10.81070 | 16.44215 | .4718402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0836792 | 1.871621 | .0099606 | .0005793 | .1764828 | .0093414 | .0568220 |
| #2 | .0863150 | 1.913942 | .0101776 | .0007518 | .2040983 | .0128815 | .0573530 |
| #3 | .0839405 | 1.855388 | .0101533 | .0009876 | .1659649 | .0105711 | .0570101 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5800513 | -.011842 | -.000320 | .0015152 | .1340948 | .5189140 | .1790822 |
| Stddev | .0186284 | .000970  | .000051  | .0008641 | .0029169 | .0055175 | .0002672 |
| %RSD   | 3.211503 | 8.193980 | 15.96404 | 57.02867 | 2.175241 | 1.063277 | .1491817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5586810 | -.010722 | -.000339 | .0013755 | .1327246 | .5189265 | .1790826 |
| #2 | .5886156 | -.012397 | -.000359 | .0024406 | .1374446 | .5133903 | .1793492 |
| #3 | .5928572 | -.012408 | -.000262 | .0007294 | .1321154 | .5244253 | .1788148 |

Sample Name: Q1619-11DLX10      Acquired: 3/25/2025 14:28:33      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3326415 | .0071109 | .0067691 |
| Stddev | .0058362 | .0014808 | .0003343 |
| %RSD   | 1.754496 | 20.82465 | 4.938311 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3299927 | .0054385 | .0065752 |
| #2 | .3285995 | .0082553 | .0071551 |
| #3 | .3393324 | .0076389 | .0065769 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3372.101 | 77714.76 | 16773.02 | 2214.095 | 5274.218 |
| Stddev    | 15.253   | 29.20    | 261.29   | 4.615    | 26.831   |
| %RSD      | .4523221 | .0375688 | 1.557821 | .2084517 | .5087144 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3380.646 | 77742.52 | 16910.24 | 2208.766 | 5282.026 |
| #2 | 3381.166 | 77684.31 | 16471.71 | 2216.737 | 5296.279 |
| #3 | 3354.491 | 77717.43 | 16937.12 | 2216.781 | 5244.349 |



Sample Name: CCV05      Acquired: 3/25/2025 14:38:11      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.179359 | 4.979564 | 4.896961 | 5.262009 | 5.275964 | 9.939364 |
| Stddev | .035231  | .014233  | .015563  | .024560  | .018928  | .155174  |
| %RSD   | .6802245 | .2858292 | .3178103 | .4667365 | .3587545 | 1.561208 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.144946 | 4.980971 | 4.885010 | 5.246423 | 5.263490 | 10.10093 |
| #2 | 5.177776 | 4.964679 | 4.891315 | 5.249285 | 5.266659 | 9.79148  |
| #3 | 5.215355 | 4.993041 | 4.914560 | 5.290320 | 5.297743 | 9.92568  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.742941 | .2267703 | 2.424698 | 23.51584 | 1.004534 | 2.436354 |
| Stddev | .299592  | .0029010 | .008204  | .36943   | .005229  | .008400  |
| %RSD   | 3.074968 | 1.279284 | .3383371 | 1.570988 | .5205361 | .3447585 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.08809 | .2299753 | 2.421984 | 23.91413 | .998768  | 2.433155 |
| #2 | 9.59062  | .2243241 | 2.418196 | 23.18440 | 1.005866 | 2.430024 |
| #3 | 9.55012  | .2260114 | 2.433915 | 23.44898 | 1.008969 | 2.445883 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.284887 | 5.082792 | 2.328645 | 23.45934 | 2.425973 | 1.257699 |
| Stddev | .005070  | .022000  | .036246  | .34057   | .008952  | .004296  |
| %RSD   | .3946030 | .4328367 | 1.556513 | 1.451733 | .3690224 | .3416063 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.281733 | 5.089180 | 2.368951 | 23.83757 | 2.424069 | 1.253546 |
| #2 | 1.282191 | 5.058305 | 2.298727 | 23.17700 | 2.418125 | 1.257426 |
| #3 | 1.290735 | 5.100891 | 2.318258 | 23.36344 | 2.435723 | 1.262126 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.92046 | 2.438952 | 2.564006 | 26.65584 | 4.550757 | 5.172896 |
| Stddev | .12424   | .034989  | .013224  | .13397   | .061891  | .021744  |
| %RSD   | .4793308 | 1.434576 | .5157701 | .5025949 | 1.360010 | .4203437 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.89855 | 2.475959 | 2.554055 | 26.54425 | 4.619400 | 5.159489 |
| #2 | 25.80863 | 2.406410 | 2.579013 | 26.61885 | 4.499214 | 5.161216 |
| #3 | 26.05420 | 2.434487 | 2.558952 | 26.80442 | 4.533658 | 5.197984 |

Sample Name: CCV05      Acquired: 3/25/2025 14:38:11      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
|--------|----------|----------|------------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.891925 | 4.873188 | F 5.504014 | 4.905604 | 4.879949 | 4.862104 |
| Stddev | .018607  | .075910  | .029992    | .018631  | .009497  | .078465  |
| %RSD   | .3803518 | 1.557700 | .5449030   | .3797953 | .1946157 | 1.613811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.887190 | 4.953594 | 5.474506 | 4.893797 | 4.890586 | 4.943676 |
| #2 | 4.876143 | 4.802762 | 5.503069 | 4.895932 | 4.872321 | 4.787168 |
| #3 | 4.912441 | 4.863209 | 5.534467 | 4.927082 | 4.876941 | 4.855468 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 4.906588 |
| Stddev | .066997  |
| %RSD   | 1.365454 |

|    |          |
|----|----------|
| #1 | 4.982567 |
| #2 | 4.855989 |
| #3 | 4.881208 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3180.065 | 72564.99 | 15717.47 | 2047.471 | 4776.032 |
| Stddev    | 10.006   | 310.84   | 207.48   | 11.039   | 11.722   |
| %RSD      | .3146556 | .4283565 | 1.320066 | .5391475 | .2454298 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3184.384 | 72914.75 | 15486.28 | 2059.608 | 4775.432 |
| #2 | 3187.186 | 72459.93 | 15887.47 | 2038.031 | 4788.042 |
| #3 | 3168.625 | 72320.30 | 15778.68 | 2044.774 | 4764.621 |

Sample Name: CCB05      Acquired: 3/25/2025 14:48:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002381 | -.001830 | -.001256 | .0001435 | -.001074 | -.006208 | -.011998 |
| Stddev | .001450  | .000916  | .001179  | .0007878 | .001161  | .000824  | .000631  |
| %RSD   | 60.86914 | 50.04713 | 93.82946 | 548.9741 | 108.0659 | 13.26729 | 5.259928 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002352 | -.000773 | -.000191 | .0010090 | -.002246 | -.006734 | -.011473 |
| #2 | -.000947 | -.002342 | -.002522 | -.000047 | -.001053 | -.006631 | -.011822 |
| #3 | -.003846 | -.002375 | -.001055 | -.000532 | .000076  | -.005259 | -.012698 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000023 | -.000067 | .0070698 | -.000030 | -.000043 | -.000296 | -.007501 |
| Stddev | .000056  | .000095  | .0027297 | .000162  | .000137  | .000252  | .002700  |
| %RSD   | 245.0605 | 141.4879 | 38.60971 | 546.3216 | 321.6305 | 84.97695 | 35.99604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000002  | -.000103 | .0102050 | -.000087 | -.000175 | -.000115 | -.005767 |
| #2 | .000016  | .000040  | .0052207 | .000153  | -.000050 | -.000190 | -.006125 |
| #3 | -.000087 | -.000138 | .0057839 | -.000155 | .000098  | -.000584 | -.010612 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001121 | .0044573 | .0000962 | .0006289 | -.030644 | .0000314 | -.000771 |
| Stddev | .000076  | .0023324 | .0001358 | .0002418 | .009445  | .0004796 | .000323  |
| %RSD   | 6.800666 | 52.32857 | 141.1600 | 38.45164 | 30.82030 | 1527.225 | 41.92413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001153 | .0032924 | -.000042 | .0003527 | -.020390 | .0005508 | -.001048 |
| #2 | -.001175 | .0071427 | .000229  | .0008023 | -.038986 | -.000395 | -.000851 |
| #3 | -.001033 | .0029368 | .000102  | .0007318 | -.032557 | -.000062 | -.000416 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0464280 | -.003436 | -.000033 | -.003817 | .0006884 | .0063772 | -.001619 |
| Stddev | .0116627 | .000723  | .000142  | .000482  | .0003171 | .0057218 | .000932  |
| %RSD   | 25.11994 | 21.03913 | 433.1249 | 12.62930 | 46.06854 | 89.72341 | 57.58132 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0592866 | -.003629 | -.000172 | -.003866 | .0009945 | .0011258 | -.002505 |
| #2 | .0434641 | -.004042 | .000112  | -.003312 | .0007093 | .0055306 | -.001703 |
| #3 | .0365332 | -.002636 | -.000039 | -.004272 | .0003613 | .0124751 | -.000647 |

Sample Name: CCB05      Acquired: 3/25/2025 14:48:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001783 | -.006745 | .0000359 |
| Stddev | .001950  | .000657  | .0000339 |
| %RSD   | 109.3608 | 9.737174 | 94.36291 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000644 | -.007362 | .0000035 |
| #2 | -.000670 | -.006055 | .0000712 |
| #3 | -.004035 | -.006818 | .0000331 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3382.644 | 77082.96 | 15755.85 | 2196.651 | 5471.349 |
| Stddev    | 13.519   | 295.97   | 106.51   | 9.803    | 12.721   |
| %RSD      | .3996590 | .3839583 | .6759956 | .4462924 | .2325066 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3384.238 | 77419.70 | 15634.47 | 2205.038 | 5481.089 |
| #2 | 3395.295 | 76864.06 | 15833.68 | 2199.042 | 5476.002 |
| #3 | 3368.398 | 76965.12 | 15799.40 | 2185.873 | 5456.956 |

Sample Name: PB167161BL      Acquired: 3/25/2025 14:52:34      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001952 | -.001649 | -.001138 | .0027848 | -.000973 | -.005207 | -.011259 |
| Stddev | .001518  | .001487  | .000906  | .0017573 | .002073  | .000544  | .000989  |
| %RSD   | 77.73254 | 90.15016 | 79.64905 | 63.10177 | 213.1299 | 10.45151 | 8.784701 |
| #1     | -.002287 | -.003247 | -.000490 | .0014924 | -.002869 | -.005683 | -.012358 |
| #2     | -.000295 | -.001394 | -.000750 | .0020763 | -.001291 | -.004614 | -.010978 |
| #3     | -.003274 | -.000307 | -.002174 | .0047858 | .001241  | -.005324 | -.010440 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000290 | -.000093 | .0160002 | -.000143 | -.000184 | -.000402 | -.009366 |
| Stddev | .0000300 | .000155  | .0047046 | .000103  | .000178  | .000325  | .000912  |
| %RSD   | 103.3156 | 167.3377 | 29.40365 | 71.98048 | 96.25377 | 81.03248 | 9.732899 |
| #1     | .0000636 | -.000162 | .0118652 | -.000117 | -.000245 | -.000594 | -.010401 |
| #2     | .0000138 | -.000200 | .0150164 | -.000256 | .000015  | -.000585 | -.009013 |
| #3     | .0000097 | .000085  | .0211189 | -.000055 | -.000324 | -.000026 | -.008683 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000835 | -.006749 | .0002794 | .0010018 | -.013554 | -.000484 | -.000209 |
| Stddev | .000069  | .003166  | .0001323 | .0001663 | .014994  | .000799  | .000174  |
| %RSD   | 8.280962 | 46.90546 | 47.36880 | 16.59632 | 110.6228 | 164.9967 | 83.44813 |
| #1     | -.000762 | -.010155 | .0003934 | .0009787 | -.022111 | -.000306 | -.000152 |
| #2     | -.000899 | -.003897 | .0001343 | .0008483 | -.022311 | .000210  | -.000404 |
| #3     | -.000844 | -.006195 | .0003105 | .0011784 | .003759  | -.001357 | -.000070 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0526685 | -.004687 | .0000130 | -.003425 | .0005893 | .0059733 | -.002703 |
| Stddev | .0086133 | .000270  | .0001430 | .000370  | .0002314 | .0056765 | .001041  |
| %RSD   | 16.35381 | 5.756168 | 1097.475 | 10.79674 | 39.26215 | 95.03108 | 38.52364 |
| #1     | .0469252 | -.004934 | .0001288 | -.003122 | .0006266 | .0080373 | -.002162 |
| #2     | .0485081 | -.004728 | .0000571 | -.003837 | .0007997 | .0103291 | -.002044 |
| #3     | .0625722 | -.004399 | -.000147 | -.003317 | .0003415 | -.000446 | -.003904 |

Sample Name: PB167161BL      Acquired: 3/25/2025 14:52:34      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001768 | -.005890 | .0000319 |
| Stddev | .001600  | .000668  | .0000404 |
| %RSD   | 90.52507 | 11.34095 | 126.3818 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002747 | -.006424 | .0000401 |
| #2 | -.002636 | -.006106 | -.000012 |
| #3 | .000079  | -.005141 | .000068  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3354.588 | 77647.27 | 16475.53 | 2214.091 | 5408.432 |
| Stddev    | 6.873    | 55.38    | 61.02    | 4.561    | 10.848   |
| %RSD      | .2048803 | .0713273 | .3703551 | .2059792 | .2005692 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3362.507 | 77691.51 | 16407.26 | 2208.904 | 5420.916 |
| #2 | 3350.179 | 77585.16 | 16494.59 | 2215.896 | 5401.306 |
| #3 | 3351.077 | 77665.15 | 16524.75 | 2217.473 | 5403.074 |

Sample Name: PB167133TB      Acquired: 3/25/2025 15:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006154 | -.007076 | -.001412 | .0052053 | .0015478 | -.005202 |
| Stddev | .001568  | .000550  | .001090  | .0026954 | .0008513 | .003823  |
| %RSD   | 25.48572 | 7.772352 | 77.17987 | 51.78276 | 55.00361 | 73.49142 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007711 | -.006510 | -.000411 | .0083177 | .0009783 | -.000801 |
| #2 | -.004574 | -.007109 | -.002574 | .0036570 | .0011386 | -.007103 |
| #3 | -.006177 | -.007608 | -.001252 | .0036412 | .0025265 | -.007701 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011447 | -.000100 | -.000219 | -.001944 | -.000127 | -.000313 |
| Stddev | .001008  | .000046  | .000007  | .001758  | .000535  | .000123  |
| %RSD   | 8.803230 | 45.89030 | 3.040665 | 90.44146 | 422.1900 | 39.24115 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.011752 | -.000118 | -.000217 | -.000144 | .000491  | -.000256 |
| #2 | -.010322 | -.000135 | -.000214 | -.003656 | -.000440 | -.000453 |
| #3 | -.012267 | -.000048 | -.000227 | -.002032 | -.000432 | -.000228 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000063 | .0228168 | -.000513 | .0004390 | .0003392 | .0006460 |
| Stddev | .000349  | .0033172 | .000156  | .0104445 | .0002610 | .0004771 |
| %RSD   | 550.3824 | 14.53854 | 30.33492 | 2379.226 | 76.92373 | 73.84600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000466 | .0203695 | -.000579 | -.011247 | .0000423 | .0010108 |
| #2 | .000155  | .0214885 | -.000335 | .003700  | .0005321 | .0008211 |
| #3 | .000120  | .0265923 | -.000624 | .008864  | .0004434 | .0001062 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 403.2529 | -.000601 | -.000452 | -.017157 | -.006096 | .0000654 |
| Stddev | 3.5340     | .000512  | .000270  | .028453  | .000299  | .0002419 |
| %RSD   | .8763611   | 85.08931 | 59.62852 | 165.8345 | 4.898033 | 370.0722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 406.9416 | -.000468 | -.000348 | -.016892 | -.006153 | .0000386 |
| #2 | 399.8973 | -.001167 | -.000759 | .011162  | -.005773 | -.000162 |
| #3 | 402.9197 | -.000170 | -.000251 | -.045741 | -.006363 | .000320  |

Sample Name: PB167133TB      Acquired: 3/25/2025 15:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.003561 | .0009188 | .0092778 | .0035102 | F .0104346 | -.007817 |
| Stddev | .001049  | .0007340 | .0048236 | .0024273 | .0034909   | .000998  |
| %RSD   | 29.46510 | 79.88413 | 51.99026 | 69.14847 | 33.45525   | 12.76369 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003341 | .0000832 | .0070671 | .0010156 | .0141142 | -.006691 |
| #2 | -.002639 | .0014591 | .0059558 | .0058639 | .0071695 | -.008171 |
| #3 | -.004702 | .0012141 | .0148105 | .0036511 | .0100200 | -.008590 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000868 |
| Stddev | .0000465 |
| %RSD   | 53.55776 |

|    |          |
|----|----------|
| #1 | .0001218 |
| #2 | .0001046 |
| #3 | .0000341 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3041.717 | 71712.27 | 16316.34 | 2011.247 | 4555.860 |
| Stddev    | 18.592   | 542.58   | 153.28   | 9.843    | 26.949   |
| %RSD      | .6112481 | .7566040 | .9394103 | .4893771 | .5915253 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3054.525 | 71730.86 | 16148.77 | 2005.752 | 4567.864 |
| #2 | 3050.234 | 72245.31 | 16350.80 | 2022.610 | 4574.721 |
| #3 | 3020.392 | 71160.63 | 16449.45 | 2005.378 | 4524.995 |



Sample Name: PB167161BS      Acquired: 3/25/2025 15:12:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7792311 | 1.926521 | .9169025 | 2.005377 | .8274965 | 1.900258 |
| Stddev | .0018955 | .025430  | .0012126 | .006685  | .0026306 | .005925  |
| %RSD   | .2432544 | 1.319990 | .1322463 | .3333612 | .3179040 | .3118144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7775429 | 1.933542 | .9155366 | 2.009724 | .8302563 | 1.905181 |
| #2 | .7812816 | 1.947703 | .9178520 | 1.997679 | .8250176 | 1.893681 |
| #3 | .7788688 | 1.898318 | .9173189 | 2.008729 | .8272157 | 1.901911 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2093906 | .2098639 | .1815815 | .9514488 | .3897854 | .1862337 |
| Stddev | .0013884 | .0005032 | .0002082 | .0036893 | .0016942 | .0002414 |
| %RSD   | .6630481 | .2397931 | .1146687 | .3877530 | .4346450 | .1296452 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2101008 | .2104282 | .1813439 | .9473124 | .3913594 | .1862617 |
| #2 | .2077908 | .2094618 | .1817319 | .9543993 | .3879924 | .1859794 |
| #3 | .2102801 | .2097017 | .1816688 | .9526347 | .3900045 | .1864599 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3100790 | 2.926769 | .1820968 | 1.779266 | .4657458 | .0746044 |
| Stddev | .0008269 | .021114  | .0002358 | .005119  | .0014264 | .0004313 |
| %RSD   | .2666629 | .7214255 | .1295155 | .2877030 | .3062662 | .5780793 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3100243 | 2.933939 | .1821060 | 1.784914 | .4651182 | .0750760 |
| #2 | .3092809 | 2.903004 | .1818565 | 1.777953 | .4647408 | .0745071 |
| #3 | .3109319 | 2.943366 | .1823279 | 1.774932 | .4673784 | .0742300 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.798348 | .2790763 | .2149553 | 9.892287 | .2558020 | .4101502 |
| Stddev | .012077  | .0027575 | .0007636 | .086633  | .0010226 | .0008762 |
| %RSD   | .4315606 | .9880870 | .3552316 | .8757604 | .3997640 | .2136218 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.798756 | .2814296 | .2158318 | 9.966754 | .2565777 | .4109109 |
| #2 | 2.786072 | .2797571 | .2144343 | 9.797207 | .2561850 | .4091922 |
| #3 | 2.810215 | .2760421 | .2145997 | 9.912902 | .2546431 | .4103476 |

Sample Name: PB167161BS      Acquired: 3/25/2025 15:12:45      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6478439 | .1868452 | .7925412 | 5.423204 | F -.002847 | .1877920 |
| Stddev | .0004639 | .0003901 | .0049098 | .011495  | .002579    | .0011636 |
| %RSD   | .0716011 | .2088039 | .6194971 | .2119597 | 90.59903   | .6196203 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6473160 | .1868945 | .7963579 | 5.428178 | .000122  | .1871095 |
| #2 | .6480295 | .1864327 | .7870023 | 5.431374 | -.004538 | .1871311 |
| #3 | .6481862 | .1872083 | .7942634 | 5.410059 | -.004124 | .1891356 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1852244 |
| Stddev | .0009641 |
| %RSD   | .5205099 |

|    |          |
|----|----------|
| #1 | .1861207 |
| #2 | .1842044 |
| #3 | .1853481 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3330.221 | 76805.39 | 16412.17 | 2181.220 | 5278.940 |
| Stddev    | 4.754    | 278.87   | 64.94    | 8.554    | 2.191    |
| %RSD      | .1427457 | .3630884 | .3956929 | .3921648 | .0414974 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3329.125 | 76547.26 | 16346.15 | 2171.453 | 5277.330 |
| #2 | 3335.427 | 77101.18 | 16475.98 | 2184.824 | 5281.434 |
| #3 | 3326.111 | 76767.72 | 16414.40 | 2187.381 | 5278.055 |

Sample Name: Q1631-01      Acquired: 3/25/2025 15:16:46      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0848822 | -.008093 | .1780815 | -.076825 | -.004235 | 195.2335 |
| Stddev | .0054709 | .003414  | .0034415 | .001053  | .001850  | 1.9215   |
| %RSD   | 6.445266 | 42.19031 | 1.932530 | 1.370994 | 43.68918 | .9842060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0831643 | -.011682 | .1789698 | -.077932 | -.005215 | 195.5571 |
| #2 | .0804765 | -.004884 | .1809917 | -.075835 | -.005388 | 196.9726 |
| #3 | .0910059 | -.007713 | .1742830 | -.076710 | -.002101 | 193.1707 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .8083268 | .0095465 | .0094073 | F 2325.028 | 1.448679 | .1038297 |
| Stddev | .0031385 | .0001434 | .0002393 | 8.318      | .003950  | .0004159 |
| %RSD   | .3882715 | 1.501864 | 2.544127 | .3577505   | .2726379 | .4006021 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8053439 | .0094860 | .0091833 | 2332.478 | 1.452283 | .1033847 |
| #2 | .8116007 | .0097102 | .0093793 | 2326.554 | 1.449296 | .1042087 |
| #3 | .8080358 | .0094433 | .0096595 | 2316.053 | 1.444457 | .1038956 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4865288 | 296.0130 | 9.107952 | 536.2201 | .4334144 | .0100289 |
| Stddev | .0011636 | .5372    | .040047  | 2.0492   | .0009376 | .0009960 |
| %RSD   | .2391698 | .1814806 | .4396969 | .3821547 | .2163243 | 9.931713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4870183 | 296.4168 | 9.100288 | 535.6551 | .4325978 | .0110307 |
| #2 | .4873677 | 296.2188 | 9.151277 | 538.4925 | .4332071 | .0100172 |
| #3 | .4852004 | 295.4033 | 9.072290 | 534.5127 | .4344383 | .0090387 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.902341 | .3446225 | 3.411301 | 17.35546 | .1025768 | .0620515 |
| Stddev | .007143  | .0014079 | .008891  | .01913   | .0063661 | .0005098 |
| %RSD   | .1830426 | .4085276 | .2606368 | .1102084 | 6.206215 | .8216585 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.895714 | .3443571 | 3.421567 | 17.35339 | .1081646 | .0614660 |
| #2 | 3.901403 | .3461441 | 3.406234 | 17.33745 | .0956465 | .0623972 |
| #3 | 3.909907 | .3433661 | 3.406102 | 17.37554 | .1039192 | .0622915 |

Sample Name: Q1631-01      Acquired: 3/25/2025 15:16:46      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |            |          |
|--------|----------|----------|----------|------------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm      |
| Avg    | .0242600 | 5.992805 | 3.446765 | F 10.74731 | F 111.2314 | .1318835 |
| Stddev | .0031133 | .015546  | .057463  | .02327     | .1772      | .0019416 |
| %RSD   | 12.83287 | .2594053 | 1.667148 | .2165448   | .1592972   | 1.472230 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0242706 | 5.992788 | 3.462729 | 10.73040 | 111.2593 | .1305987 |
| #2 | .0211415 | 6.008359 | 3.383008 | 10.73768 | 111.0420 | .1309347 |
| #3 | .0273680 | 5.977267 | 3.494557 | 10.77386 | 111.3930 | .1341171 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 6.550540 |
| Stddev | .082572  |
| %RSD   | 1.260533 |

|    |          |
|----|----------|
| #1 | 6.609895 |
| #2 | 6.585482 |
| #3 | 6.456242 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2872.614 | 68492.65 | 17504.69 | 1884.241 | 3217.697 |
| Stddev    | .692     | 202.29   | 74.82    | 11.239   | .152     |
| %RSD      | .0241063 | .2953445 | .4274182 | .5964597 | .0047362 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2872.110 | 68264.49 | 17497.47 | 1871.297 | 3217.521 |
| #2 | 2872.328 | 68563.38 | 17433.75 | 1889.906 | 3217.779 |
| #3 | 2873.404 | 68650.08 | 17582.86 | 1891.520 | 3217.791 |

Sample Name: Q1631-04      Acquired: 3/25/2025 15:21:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0478297 | -.016432 | .2016377 | -.051193 | .0054067 | 55.12444 |
| Stddev | .0002050 | .000886  | .0035236 | .001326  | .0035634 | .12935   |
| %RSD   | .4286459 | 5.389512 | 1.747484 | 2.590024 | 65.90707 | .2346483 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0478656 | -.016866 | .2030461 | -.050791 | .0050730 | 55.13229 |
| #2 | .0476091 | -.015413 | .1976278 | -.052673 | .0091253 | 54.99135 |
| #3 | .0480144 | -.017016 | .2042393 | -.050115 | .0020219 | 55.24969 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3183954 | .0039532 | .0016405 | F 4015.074 | .5436596 | .0345138 |
| Stddev | .0013973 | .0001236 | .0002048 | 19.098     | .0013293 | .0002478 |
| %RSD   | .4388416 | 3.127555 | 12.48635 | .4756460   | .2445017 | .7179184 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3194979 | .0038140 | .0014390 | 3993.254 | .5451895 | .0346781 |
| #2 | .3168240 | .0039954 | .0016341 | 4028.745 | .5430020 | .0346346 |
| #3 | .3188643 | .0040502 | .0018485 | 4023.223 | .5427874 | .0342288 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1498686 | 97.24286 | 2.765849 | 976.3538 | .1633278 | .0008948 |
| Stddev | .0012190 | .54041   | .005802  | 2.0459   | .0010618 | .0001454 |
| %RSD   | .8133520 | .5557294 | .2097552 | .2095482 | .6500717 | 16.24983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1494994 | 97.84705 | 2.772448 | 974.4438 | .1624784 | .0009024 |
| #2 | .1488769 | 97.07586 | 2.763549 | 978.5128 | .1629868 | .0010363 |
| #3 | .1512295 | 96.80566 | 2.761550 | 976.1048 | .1645182 | .0007457 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.426725 | .2167742 | 1.421717 | 10.31419 | .0551767 | .0226176 |
| Stddev | .035092  | .0012276 | .005412  | .04938   | .0020871 | .0009474 |
| %RSD   | 1.024066 | .5663163 | .3806694 | .4787375 | 3.782475 | 4.188699 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.459645 | .2181294 | 1.427758 | 10.34662 | .0566316 | .0215741 |
| #2 | 3.389804 | .2164568 | 1.420081 | 10.25737 | .0561131 | .0234237 |
| #3 | 3.430725 | .2157365 | 1.417311 | 10.33859 | .0527855 | .0228550 |

Sample Name: Q1631-04      Acquired: 3/25/2025 15:21:15      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |           |          |          |          |            |           |
|--------|-----------|----------|----------|----------|------------|-----------|
| Elem   | Sn1899    | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707    |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm        | ppm       |
| Avg    | -0.001060 | 1.918848 | 9.315289 | 3.798384 | F 82.51418 | -0.412102 |
| Stddev | .001001   | .006167  | .113059  | .028607  | .53945     | .003137   |
| %RSD   | 94.50097  | .3213773 | 1.213696 | .7531283 | .6537615   | .7613263  |

|    |           |          |          |          |          |           |
|----|-----------|----------|----------|----------|----------|-----------|
| #1 | -0.002139 | 1.925257 | 9.444771 | 3.789882 | 82.49831 | -0.408668 |
| #2 | -0.000160 | 1.912956 | 9.236121 | 3.774991 | 81.98284 | -0.414820 |
| #3 | -0.000880 | 1.918332 | 9.264974 | 3.830277 | 83.06139 | -0.412817 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 10.25869 |
| Stddev | .07751     |
| %RSD   | .7555497   |

|    |          |
|----|----------|
| #1 | 10.22296 |
| #2 | 10.34762 |
| #3 | 10.20549 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2407.515 | 58199.18 | 15067.93 | 1578.023 | 2915.372 |
| Stddev    | 9.571    | 257.20   | 50.73    | 10.880   | 11.938   |
| %RSD      | .3975537 | .4419346 | .3366518 | .6894760 | .4094933 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2408.756 | 58053.78 | 15108.26 | 1573.603 | 2917.535 |
| #2 | 2416.405 | 58047.62 | 15010.97 | 1570.048 | 2926.081 |
| #3 | 2397.383 | 58496.15 | 15084.54 | 1590.417 | 2902.500 |

Sample Name: Q1634-01      Acquired: 3/25/2025 15:25:37      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212019 | -.004707 | .3694781 | -.025824 | -.005138 | 73.78798 | .3008077 |
| Stddev | .0011385 | .001359  | .0005713 | .000563  | .002016  | .10809   | .0009223 |
| %RSD   | 5.369821 | 28.86750 | .1546309 | 2.180948 | 39.23596 | .1464819 | .3066213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0210591 | -.004397 | .3688216 | -.025284 | -.005844 | 73.91177 | .3018474 |
| #2 | .0201415 | -.006195 | .3697501 | -.025782 | -.006706 | 73.71233 | .3004883 |
| #3 | .0224051 | -.003531 | .3698627 | -.026408 | -.002864 | 73.73983 | .3000876 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035136 | -.003415 | 93.04992 | .1619801 | .0710906 | .3938359 | 160.1299 |
| Stddev | .0000758 | .000092  | .33971   | .0003229 | .0003454 | .0005441 | .4401    |
| %RSD   | 2.158039 | 2.702744 | .3650870 | .1993666 | .4858133 | .1381415 | .2748176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035342 | -.003325 | 93.43750 | .1616334 | .0711320 | .3944241 | 159.6391 |
| #2 | .0035770 | -.003510 | 92.90849 | .1620344 | .0714134 | .3933508 | 160.2616 |
| #3 | .0034296 | -.003409 | 92.80377 | .1622724 | .0707264 | .3937328 | 160.4891 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.051327 | 57.31767 | .1290460 | .0016019 | 4.160072 | .2400966 | .4124991 |
| Stddev | .006110  | .23405   | .0004660 | .0001708 | .010983  | .0009185 | .0009687 |
| %RSD   | .2978576 | .4083299 | .3610850 | 10.66123 | .2640160 | .3825757 | .2348344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.058264 | 57.58787 | .1287879 | .0014047 | 4.147444 | .2407939 | .4133072 |
| #2 | 2.048971 | 57.17806 | .1295839 | .0017026 | 4.167406 | .2404401 | .4114253 |
| #3 | 2.046745 | 57.18707 | .1287661 | .0016984 | 4.165365 | .2390558 | .4127648 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.697620 | .1340506 | .0034557 | .0004944 | 4.009670 | 3.933993 | 2.844214 |
| Stddev | .034474  | .0039429 | .0000530 | .0004249 | .010963  | .034303  | .006745  |
| %RSD   | .7338686 | 2.941380 | 1.533047 | 85.93852 | .2734161 | .8719570 | .2371474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.660363 | .1303411 | .0035033 | .0004221 | 4.021673 | 3.909382 | 2.848494 |
| #2 | 4.704105 | .1381915 | .0033986 | .0001103 | 4.007154 | 3.973177 | 2.847709 |
| #3 | 4.728391 | .1336191 | .0034652 | .0009508 | 4.000184 | 3.919421 | 2.836439 |

Sample Name: Q1634-01      Acquired: 3/25/2025 15:25:37      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.094523 | .1185648 | .0938235 |
| Stddev | .006118  | .0012602 | .0010381 |
| %RSD   | .1977127 | 1.062867 | 1.106479 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.096929 | .1190863 | .0947148 |
| #2 | 3.099073 | .1171275 | .0940721 |
| #3 | 3.087567 | .1194805 | .0926837 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3281.206 | 77558.23 | 17250.15 | 2142.112 | 4627.555 |
| Stddev    | 5.116    | 150.50   | 85.55    | 7.631    | 3.146    |
| %RSD      | .1559214 | .1940464 | .4959557 | .3562461 | .0679772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3283.895 | 77708.82 | 17153.33 | 2150.759 | 4630.286 |
| #2 | 3284.417 | 77558.04 | 17281.56 | 2136.318 | 4624.115 |
| #3 | 3275.306 | 77407.83 | 17315.55 | 2139.260 | 4628.262 |



Sample Name: Q1634-03      Acquired: 3/25/2025 15:29:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0263094 | -.008205 | .2599817 | -.040447 | -.007194 | 118.0723 | .6877137 |
| Stddev | .0015237 | .001920  | .0021973 | .002448  | .000624  | .2271    | .0021103 |
| %RSD   | 5.791319 | 23.40246 | .8451680 | 6.053234 | 8.680130 | .1923028 | .3068586 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0257869 | -.006677 | .2621333 | -.037621 | -.006877 | 118.1000 | .6878411 |
| #2 | .0280256 | -.010360 | .2600705 | -.041928 | -.007913 | 118.2842 | .6897573 |
| #3 | .0251157 | -.007578 | .2577414 | -.041793 | -.006792 | 117.8326 | .6855425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049688 | -.005273 | 122.4234 | .2681551 | .1458298 | .6882716 | 253.5288 |
| Stddev | .0000496 | .000207  | .3239    | .0007351 | .0002252 | .0034030 | 1.0659   |
| %RSD   | .9987620 | 3.920387 | .2646139 | .2741235 | .1544071 | .4944190 | .4204153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049778 | -.005078 | 122.1205 | .2678385 | .1456041 | .6919882 | 252.3233 |
| #2 | .0049152 | -.005489 | 122.7650 | .2676314 | .1460545 | .6853087 | 254.3465 |
| #3 | .0050133 | -.005251 | 122.3846 | .2689955 | .1458307 | .6875179 | 253.9166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.325902 | 95.04335 | .2509358 | .0040652 | 9.586515 | .4553160 | .5140459 |
| Stddev | .009973  | .26083   | .0015358 | .0003887 | .016649  | .0021282 | .0027228 |
| %RSD   | .2305347 | .2744368 | .6120335 | 9.561851 | .1736677 | .4674121 | .5296774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.317070 | 94.77790 | .2527028 | .0036354 | 9.574627 | .4528649 | .5169583 |
| #2 | 4.336718 | 95.29931 | .2501821 | .0041683 | 9.605542 | .4563891 | .5136152 |
| #3 | 4.323919 | 95.05283 | .2499224 | .0043920 | 9.579375 | .4566940 | .5115641 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.942670 | 1.072903 | .0019864 | -.006253 | 8.302531 | 3.808811 | 3.143782 |
| Stddev | .016910  | .004394  | .0006830 | .000540  | .023381  | .075723  | .017329  |
| %RSD   | .3421257 | .4095093 | 34.38301 | 8.643459 | .2816168 | 1.988110 | .5512159 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.951623 | 1.068130 | .0014249 | -.005779 | 8.308530 | 3.833256 | 3.161670 |
| #2 | 4.953221 | 1.076778 | .0027467 | -.006842 | 8.322329 | 3.869293 | 3.142604 |
| #3 | 4.923165 | 1.073801 | .0017875 | -.006138 | 8.276735 | 3.723885 | 3.127072 |

Sample Name: Q1634-03      Acquired: 3/25/2025 15:29:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.541772 | .2024328 | .3483427 |
| Stddev | .017507  | .0011878 | .0024339 |
| %RSD   | .4943038 | .5867628 | .6986985 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.545645 | .2021785 | .3507605 |
| #2 | 3.557018 | .2037271 | .3483746 |
| #3 | 3.522652 | .2013927 | .3458931 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3259.608 | 76852.24 | 18100.55 | 2101.925 | 4445.570 |
| Stddev    | 3.350    | 162.91   | 12.30    | 4.449    | 3.051    |
| %RSD      | .1027738 | .2119794 | .0679525 | .2116576 | .0686289 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3258.774 | 77039.69 | 18106.13 | 2107.056 | 4448.293 |
| #2 | 3263.296 | 76772.24 | 18109.07 | 2099.590 | 4442.273 |
| #3 | 3256.753 | 76744.80 | 18086.45 | 2099.130 | 4446.144 |

Sample Name: Q1635-01      Acquired: 3/25/2025 15:33:47      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0269340 | .0031908 | .1695379 | -.024741 | -.004159 | 88.28529 |
| Stddev | .0016309 | .0014439 | .0014494 | .003686  | .001597  | .07501   |
| %RSD   | 6.055161 | 45.25269 | .8549399 | 14.89805 | 38.40381 | .0849611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0250513 | .0016369 | .1679797 | -.023213 | -.003856 | 88.37155 |
| #2 | .0278367 | .0034441 | .1708460 | -.028945 | -.005887 | 88.24893 |
| #3 | .0279139 | .0044912 | .1697879 | -.022065 | -.002736 | 88.23540 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4666343 | .0062098 | -.004670 | 19.45756 | .1227630 | .0742261 |
| Stddev | .0013060 | .0001797 | .000260  | .05709   | .0005816 | .0002853 |
| %RSD   | .2798718 | 2.893016 | 5.559479 | .2934001 | .4737271 | .3844237 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4664262 | .0061321 | -.004840 | 19.49049 | .1227007 | .0738966 |
| #2 | .4654449 | .0064152 | -.004372 | 19.39164 | .1222150 | .0743933 |
| #3 | .4680319 | .0060820 | -.004799 | 19.49055 | .1233731 | .0743883 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2955498 | 163.2264 | 3.416164 | 19.96555 | .1434987 | .0041785 |
| Stddev | .0005793 | 1.1144   | .010478  | .08808   | .0005390 | .0002756 |
| %RSD   | .1960227 | .6827311 | .3067299 | .4411487 | .3756073 | 6.594620 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2961213 | 163.1685 | 3.418961 | 20.03207 | .1429166 | .0044826 |
| #2 | .2955652 | 162.1420 | 3.404570 | 19.86567 | .1439805 | .0039452 |
| #3 | .2949629 | 164.3685 | 3.424959 | 19.99892 | .1435990 | .0041078 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.921936 | .1712066 | .4000530 | 9.597717 | -.068761 | .0003784 |
| Stddev | .031411  | .0008501 | .0012403 | .051846  | .004948  | .0004805 |
| %RSD   | .8009076 | .4965436 | .3100446 | .5401886 | 7.196505 | 126.9760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.896304 | .1711561 | .4013597 | 9.613926 | -.067432 | -.000134 |
| #2 | 3.912529 | .1703829 | .3999075 | 9.539703 | -.074239 | .000450  |
| #3 | 3.956976 | .1720809 | .3988919 | 9.639522 | -.064614 | .000819  |

Sample Name: Q1635-01      Acquired: 3/25/2025 15:33:47      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0026729 | 2.049075 | F 10.00114 | 5.215697 | .5846654 | .1556194 |
| Stddev | .0004825 | .012459  | .03343     | .008564  | .0026345 | .0011107 |
| %RSD   | 18.05019 | .6080135 | .3342701   | .1642045 | .4506074 | .7137003 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0023211 | 2.063442 | 9.97046  | 5.224723 | .5816938 | .1564665 |
| #2 | .0024748 | 2.041255 | 10.03677 | 5.214685 | .5855872 | .1543619 |
| #3 | .0032229 | 2.042527 | 9.99620  | 5.207684 | .5867152 | .1560297 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.020878 |
| Stddev | .001011  |
| %RSD   | 4.840667 |

|    |          |
|----|----------|
| #1 | -.020607 |
| #2 | -.020030 |
| #3 | -.021996 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3634.528 | 84434.90 | 18775.47 | 2374.159 | 4864.146 |
| Stddev    | 7.066    | 338.78   | 30.89    | 10.082   | 2.063    |
| %RSD      | .1943994 | .4012298 | .1645227 | .4246526 | .0424022 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3626.577 | 84302.39 | 18739.98 | 2375.922 | 4861.930 |
| #2 | 3636.919 | 84819.90 | 18790.15 | 2383.243 | 4864.499 |
| #3 | 3640.088 | 84182.41 | 18796.29 | 2363.311 | 4866.010 |

Sample Name: Q1635-01DUP      Acquired: 3/25/2025 15:37:54      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0274578 | .0044686 | .1689835 | -.026120 | -.005009 | 86.95115 | .4718487 |
| Stddev | .0051672 | .0048378 | .0027142 | .002861  | .001432  | .09680   | .0009809 |
| %RSD   | 18.81879 | 108.2619 | 1.606190 | 10.95393 | 28.58416 | .1113321 | .2078923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0232283 | .0024415 | .1670078 | -.027556 | -.003449 | 87.03508 | .4711625 |
| #2 | .0332172 | .0009741 | .1678644 | -.022826 | -.006263 | 86.97311 | .4729723 |
| #3 | .0259279 | .0099902 | .1720783 | -.027980 | -.005316 | 86.84525 | .4714114 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061487 | -.005208 | 19.24957 | .1235104 | .0748896 | .2957592 | 165.5099 |
| Stddev | .0000555 | .000164  | .00661   | .0015790 | .0001945 | .0006279 | .2890    |
| %RSD   | .9020992 | 3.145991 | .0343471 | 1.278447 | .2597195 | .2123005 | .1746285 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062080 | -.005252 | 19.24843 | .1224019 | .0747142 | .2956075 | 165.2535 |
| #2 | .0061398 | -.005027 | 19.25668 | .1253183 | .0748559 | .2964490 | 165.4531 |
| #3 | .0060982 | -.005345 | 19.24360 | .1228111 | .0750988 | .2952210 | 165.8231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.417792 | 19.82776 | .1449325 | .0041299 | 3.832010 | .1708404 | .3756868 |
| Stddev | .001638  | .06020   | .0004218 | .0002458 | .019425  | .0007842 | .0010663 |
| %RSD   | .0479155 | .3036314 | .2910152 | 5.951048 | .5069200 | .4590125 | .2838361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.416042 | 19.88872 | .1450088 | .0040482 | 3.838202 | .1704091 | .3749941 |
| #2 | 3.419287 | 19.76834 | .1453109 | .0039354 | 3.847585 | .1717456 | .3769147 |
| #3 | 3.418046 | 19.82621 | .1444778 | .0044061 | 3.810244 | .1703666 | .3751515 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.414971 | -.052202 | .0006370 | .0012511 | 2.011738 | 7.944304 | 5.257869 |
| Stddev | .053767  | .000875  | .0003095 | .0008554 | .006598  | .224101  | .021117  |
| %RSD   | .5710802 | 1.675318 | 48.58317 | 68.37483 | .3279567 | 2.820904 | .4016201 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.404986 | -.052213 | .0009557 | .0007413 | 2.011527 | 8.118218 | 5.252156 |
| #2 | 9.473030 | -.053071 | .0003376 | .0007733 | 2.018439 | 8.023288 | 5.281255 |
| #3 | 9.366896 | -.051322 | .0006178 | .0022387 | 2.005249 | 7.691405 | 5.240197 |

Sample Name: Q1635-01DUP      Acquired: 3/25/2025 15:37:54      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5293012 | .1554009 | -.022703 |
| Stddev | .0025998 | .0015632 | .000359  |
| %RSD   | .4911701 | 1.005886 | 1.581857 |
| #1     | .5320298 | .1538807 | -.022486 |
| #2     | .5290208 | .1553181 | -.022505 |
| #3     | .5268530 | .1570038 | -.023118 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3640.993 | 84773.12 | 19109.89 | 2403.465 | 4848.810 |
| Stddev    | 6.984    | 198.47   | 22.08    | 4.662    | 4.872    |
| %RSD      | .1918193 | .2341211 | .1155513 | .1939560 | .1004703 |
| #1        | 3642.199 | 84921.04 | 19132.34 | 2403.682 | 4850.793 |
| #2        | 3633.485 | 84850.76 | 19109.14 | 2408.015 | 4843.259 |
| #3        | 3647.296 | 84547.57 | 19088.20 | 2398.699 | 4852.376 |

Sample Name: Q1635-01LX5      Acquired: 3/25/2025 15:42:01      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061497 | -.001305 | .0358632 | -.004642 | -.000277 | 19.63668 | .0973297 |
| Stddev | .0018704 | .000746  | .0003872 | .000476  | .000630  | .03445   | .0007371 |
| %RSD   | 30.41457 | 57.20513 | 1.079592 | 10.24735 | 227.2667 | .1754373 | .7573040 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072283 | -.000555 | .0360293 | -.004286 | -.000976 | 19.59725 | .0976879 |
| #2 | .0039899 | -.001312 | .0361397 | -.005182 | -.000107 | 19.65185 | .0978192 |
| #3 | .0072308 | -.002047 | .0354207 | -.004457 | .000250  | 19.66095 | .0964820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015043 | -.001790 | 4.438778 | .0277420 | .0152174 | .0702525 | 35.64549 |
| Stddev | .0000676 | .000076  | .010040  | .0002616 | .0002851 | .0004590 | .25242   |
| %RSD   | 4.490577 | 4.260655 | .2261807 | .9431038 | 1.873783 | .6533977 | .7081344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014374 | -.001877 | 4.449927 | .0280069 | .0152626 | .0704695 | 35.93573 |
| #2 | .0015029 | -.001756 | 4.435954 | .0277353 | .0149123 | .0697253 | 35.47722 |
| #3 | .0015725 | -.001737 | 4.430452 | .0274838 | .0154772 | .0705629 | 35.52353 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7875846 | 4.560041 | .0295714 | .0011210 | .7865730 | .0394943 | .0834258 |
| Stddev | .0032719 | .006309  | .0001732 | .0000704 | .0233682 | .0011066 | .0002319 |
| %RSD   | .4154332 | .1383635 | .5855529 | 6.276824 | 2.970888 | 2.801886 | .2779129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7892315 | 4.567132 | .0294578 | .0010604 | .8131923 | .0402569 | .0832124 |
| #2 | .7838165 | 4.555046 | .0297707 | .0011044 | .7694380 | .0400010 | .0836725 |
| #3 | .7897058 | 4.557946 | .0294856 | .0011982 | .7770888 | .0382251 | .0833926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.035827 | -.025691 | .0000078 | -.003649 | .4782706 | 2.070505 | 1.070500 |
| Stddev | .016521  | .001531  | .0001467 | .000468  | .0085687 | .040475  | .003527  |
| %RSD   | .8114982 | 5.958692 | 1879.151 | 12.81792 | 1.791604 | 1.954844 | .3294828 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.017730 | -.024081 | .0001653 | -.003172 | .4849351 | 2.054587 | 1.070529 |
| #2 | 2.050102 | -.025864 | -.000017 | -.003666 | .4686050 | 2.116519 | 1.066959 |
| #3 | 2.039649 | -.027128 | -.000125 | -.004107 | .4812717 | 2.040409 | 1.074013 |

Sample Name: Q1635-01LX5      Acquired: 3/25/2025 15:42:01      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1063271 | .0290393 | -.003203 |
| Stddev | .0045544 | .0004935 | .000034  |
| %RSD   | 4.283413 | 1.699548 | 1.072443 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1085430 | .0284815 | -.003169 |
| #2 | .1010888 | .0294195 | -.003203 |
| #3 | .1093495 | .0292167 | -.003238 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3424.498 | 81789.15 | 17278.83 | 2285.180 | 5201.432 |
| Stddev    | 7.815    | 290.74   | 52.60    | 18.604   | 11.767   |
| %RSD      | .2282100 | .3554738 | .3044165 | .8141198 | .2262341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3428.792 | 81513.43 | 17309.37 | 2263.723 | 5206.781 |
| #2 | 3429.225 | 82092.88 | 17309.01 | 2295.007 | 5209.575 |
| #3 | 3415.477 | 81761.15 | 17218.09 | 2296.811 | 5187.940 |



Sample Name: CCV06      Acquired: 3/25/2025 15:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.186996 | 4.933116 | 4.925409 | 5.271428 | 5.305378 | 9.894137 | 9.907730 |
| Stddev | .014975  | .027848  | .010654  | .014758  | .014806  | .009773  | .029447  |
| %RSD   | .2886998 | .5645088 | .2163091 | .2799592 | .2790837 | .0987729 | .2972107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.170185 | 4.957232 | 4.914026 | 5.269040 | 5.289918 | 9.901800 | 9.900946 |
| #2 | 5.191898 | 4.902637 | 4.927060 | 5.258009 | 5.306787 | 9.883131 | 9.882268 |
| #3 | 5.198906 | 4.939479 | 4.935142 | 5.287234 | 5.319430 | 9.897479 | 9.939977 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2267074 | 2.441108 | 23.51279 | 1.000289 | 2.460362 | 1.299050 | 5.102792 |
| Stddev | .0009890 | .006032  | .06228   | .001331  | .005125  | .002393  | .007486  |
| %RSD   | .4362305 | .2471082 | .2648673 | .1330775 | .2082849 | .1842080 | .1467135 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2277065 | 2.434865 | 23.57579 | 1.000293 | 2.454797 | 1.296339 | 5.094171 |
| #2 | .2266868 | 2.441557 | 23.51131 | .998955  | 2.461401 | 1.299938 | 5.106555 |
| #3 | .2257289 | 2.446904 | 23.45126 | 1.001617 | 2.464887 | 1.300871 | 5.107650 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.339398 | 23.25488 | 2.453621 | 1.264575 | 26.36958 | 2.439459 | 2.573678 |
| Stddev | .010067  | .06974   | .006456  | .001046  | .09800   | .004074  | .008199  |
| %RSD   | .4303273 | .2999041 | .2631153 | .0827432 | .3716591 | .1670158 | .3185862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.348968 | 23.32565 | 2.447298 | 1.265672 | 26.29659 | 2.442717 | 2.576175 |
| #2 | 2.340327 | 23.25280 | 2.453363 | 1.264465 | 26.48097 | 2.440768 | 2.564520 |
| #3 | 2.328898 | 23.18621 | 2.460202 | 1.263588 | 26.33117 | 2.434891 | 2.580338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.80394 | 4.564632 | 5.206610 | 4.920448 | 4.885846 | 5.431058 | 4.928807 |
| Stddev | .09436   | .022155  | .007566  | .008229  | .014389  | .019791  | .016678  |
| %RSD   | .3520394 | .4853618 | .1453065 | .1672401 | .2945026 | .3644020 | .3383851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.73868 | 4.590156 | 5.198553 | 4.911896 | 4.897960 | 5.408249 | 4.912751 |
| #2 | 26.91213 | 4.550371 | 5.207715 | 4.921136 | 4.889636 | 5.443676 | 4.927625 |
| #3 | 26.76102 | 4.553369 | 5.213562 | 4.928311 | 4.869941 | 5.441251 | 4.946045 |

Sample Name: CCV06      Acquired: 3/25/2025 15:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.925898 | 4.911706 | 4.892839 |
| Stddev | .008998  | .005820  | .083384  |
| %RSD   | .1826641 | .1184826 | 1.704212 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.918179 | 4.916915 | 4.989026 |
| #2 | 4.923735 | 4.912780 | 4.841008 |
| #3 | 4.935781 | 4.905425 | 4.848482 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3213.813 | 74514.93 | 16110.91 | 2098.806 | 4819.114 |
| Stddev    | 3.797    | 135.75   | 97.48    | 2.717    | 6.565    |
| %RSD      | .1181332 | .1821717 | .6050497 | .1294579 | .1362275 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3218.080 | 74380.75 | 15999.93 | 2096.571 | 4826.449 |
| #2 | 3210.807 | 74511.86 | 16150.13 | 2101.831 | 4817.104 |
| #3 | 3212.552 | 74652.18 | 16182.68 | 2098.017 | 4813.789 |

Sample Name: CCB06      Acquired: 3/25/2025 15:50:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001213 | -.002002 | -.001037 | .0032622 | -.001361 | -.004860 | -.011830 |
| Stddev | .000528  | .000939  | .000819  | .0021608 | .000883  | .001761  | .001168  |
| %RSD   | 43.55673 | 46.92660 | 79.00050 | 66.23558 | 64.89983 | 36.24364 | 9.875392 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001784 | -.001841 | -.000797 | .0012630 | -.001808 | -.004590 | -.010557 |
| #2 | -.000742 | -.001153 | -.000365 | .0055546 | -.000343 | -.006741 | -.012079 |
| #3 | -.001114 | -.003011 | -.001950 | .0029692 | -.001930 | -.003249 | -.012854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000184 | -.000167 | .0165334 | -.000079 | -.000031 | -.000459 | -.006551 |
| Stddev | .0000277 | .000041  | .0063633 | .000457  | .000051  | .000141  | .005439  |
| %RSD   | 150.1640 | 24.65423 | 38.48767 | 580.2081 | 163.0761 | 30.62542 | 83.02810 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000502 | -.000133 | .0142623 | .000250  | -.000035 | -.000497 | -.000389 |
| #2 | .0000058 | -.000155 | .0116172 | -.000600 | .000022  | -.000303 | -.010685 |
| #3 | -.000001 | -.000213 | .0237207 | .000114  | -.000080 | -.000576 | -.008579 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000864 | -.005471 | .0001594 | .0009934 | .0020202 | -.000175 | -.000434 |
| Stddev | .000218  | .005720  | .0000845 | .0001761 | .0088229 | .000928  | .000480  |
| %RSD   | 25.19982 | 104.5508 | 53.01772 | 17.72493 | 436.7257 | 531.7177 | 110.7935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000613 | -.000484 | .0002107 | .0011395 | .0068773 | .000808  | -.000885 |
| #2 | -.000985 | -.004215 | .0000618 | .0007979 | .0073473 | -.001038 | -.000488 |
| #3 | -.000995 | -.011714 | .0002056 | .0010429 | -.008164 | -.000294 | .000072  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0937942 | -.002504 | .0001693 | -.003828 | .0007728 | .0130613 | -.001359 |
| Stddev | .0200518 | .000542  | .0000952 | .000768  | .0001903 | .0033163 | .001724  |
| %RSD   | 21.37851 | 21.63786 | 56.25138 | 20.05002 | 24.62978 | 25.39024 | 126.9063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0794984 | -.002047 | .0001606 | -.003435 | .0006466 | .0168689 | .000400  |
| #2 | .0851687 | -.002363 | .0002686 | -.003337 | .0009917 | .0108039 | -.001429 |
| #3 | .1167154 | -.003103 | .0000787 | -.004713 | .0006800 | .0115113 | -.003046 |

Sample Name: CCB06      Acquired: 3/25/2025 15:50:29      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001330 | -.006610 | .0000776 |
| Stddev | .001012  | .000905  | .0000228 |
| %RSD   | 76.11922 | 13.68629 | 29.32303 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001391 | -.007573 | .0000979 |
| #2 | -.000288 | -.006480 | .0000530 |
| #3 | -.002310 | -.005778 | .0000818 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3319.833 | 78999.31 | 16640.46 | 2205.639 | 5363.819 |
| Stddev    | 9.372    | 64.11    | 33.19    | 9.051    | 9.625    |
| %RSD      | .2823094 | .0811468 | .1994302 | .4103774 | .1794400 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3324.697 | 79065.52 | 16602.24 | 2195.310 | 5362.083 |
| #2 | 3325.773 | 78937.54 | 16661.96 | 2209.426 | 5374.193 |
| #3 | 3309.029 | 78994.88 | 16657.18 | 2212.183 | 5355.180 |

Sample Name: Q1635-01MS      Acquired: 3/25/2025 15:54:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7225475 | 1.819354 | 1.121088 | 1.676837 | .4033901 | 91.21065 |
| Stddev | .0038432 | .008185  | .003348  | .006703  | .0018091 | .06789   |
| %RSD   | .5318959 | .4498835 | .2986733 | .3997630 | .4484842 | .0744324 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7182349 | 1.820118 | 1.120016 | 1.680549 | .4037208 | 91.25146 |
| #2 | .7237975 | 1.810814 | 1.124841 | 1.669099 | .4050111 | 91.24820 |
| #3 | .7256101 | 1.827130 | 1.118407 | 1.680863 | .4014384 | 91.13228 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6332864 | .1494784 | .1808162 | 22.87627 | .4589946 | .2704517 |
| Stddev | .0013875 | .0008986 | .0000758 | .04316   | .0009373 | .0005261 |
| %RSD   | .2190917 | .6011573 | .0419366 | .1886702 | .2042148 | .1945062 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6343144 | .1484794 | .1807397 | 22.82692 | .4596349 | .2701421 |
| #2 | .6338367 | .1502207 | .1808176 | 22.90695 | .4594302 | .2710591 |
| #3 | .6317082 | .1497352 | .1808914 | 22.89495 | .4579188 | .2701541 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5676571 | 160.9337 | 3.278796 | 22.48035 | .6242247 | .0691148 |
| Stddev | .0014544 | .6699    | .008191  | .12225   | .0013801 | .0003029 |
| %RSD   | .2562192 | .4162347 | .2498077 | .5437868 | .2210985 | .4383157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5661913 | 161.5747 | 3.272788 | 22.35039 | .6234942 | .0693700 |
| #2 | .5676800 | 160.9882 | 3.288126 | 22.59305 | .6258166 | .0691943 |
| #3 | .5690999 | 160.2383 | 3.275475 | 22.49760 | .6233634 | .0687800 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.387401 | .4279950 | .5782860 | 18.02353 | .1285365 | .3468408 |
| Stddev | .049879  | .0003025 | .0021654 | .14873   | .0037564 | .0018422 |
| %RSD   | .7808974 | .0706783 | .3744456 | .8251996 | 2.922472 | .5311411 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.440885 | .4279841 | .5768133 | 18.17608 | .1328341 | .3447847 |
| #2 | 6.342153 | .4283028 | .5807723 | 18.01558 | .1268961 | .3473964 |
| #3 | 6.379164 | .4276981 | .5772725 | 17.87894 | .1258792 | .3483412 |

Sample Name: Q1635-01MS      Acquired: 3/25/2025 15:54:48      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
|--------|----------|----------|----------|------------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6453721 | 2.081527 | 5.133551 | F 11.32564 | 1.076354 | .3252519 |
| Stddev | .0009405 | .010213  | .069218  | .02756     | .003815  | .0012516 |
| %RSD   | .1457336 | .4906643 | 1.348353 | .2433341   | .3544494 | .3848049 |
| #1     | .6448683 | 2.082726 | 5.191286 | 11.33036   | 1.073295 | .3265324 |
| #2     | .6464572 | 2.091088 | 5.152548 | 11.35054   | 1.075139 | .3251919 |
| #3     | .6447907 | 2.070768 | 5.056817 | 11.29603   | 1.080629 | .3240314 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .1549969 |
| Stddev | .0001498 |
| %RSD   | .0966674 |
| #1     | .1548693 |
| #2     | .1549595 |
| #3     | .1551619 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3555.256 | 84157.54 | 19164.31 | 2320.230 | 4686.685 |
| Stddev    | 11.046   | 87.73    | 110.30   | 3.546    | 7.780    |
| %RSD      | .3107045 | .1042497 | .5755615 | .1528372 | .1660115 |
| #1        | 3567.360 | 84062.65 | 19291.64 | 2322.464 | 4695.645 |
| #2        | 3552.689 | 84174.27 | 19103.12 | 2322.085 | 4681.635 |
| #3        | 3545.719 | 84235.71 | 19098.16 | 2316.141 | 4682.775 |

Sample Name: Q1635-01MSD      Acquired: 3/25/2025 15:58:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7005609 | 1.770156 | 1.090057 | 1.610627 | .3823552 | 90.75848 |
| Stddev | .0027217 | .005591  | .001176  | .003832  | .0028598 | .28502   |
| %RSD   | .3885057 | .3158201 | .1078645 | .2379186 | .7479443 | .3140409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6984520 | 1.765292 | 1.090304 | 1.608700 | .3822312 | 91.07197 |
| #2 | .6995974 | 1.768914 | 1.091089 | 1.615040 | .3795594 | 90.51495 |
| #3 | .7036333 | 1.776264 | 1.088777 | 1.608141 | .3852750 | 90.68853 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6333588 | .1487204 | .1776867 | 23.82892 | .4517731 | .2676858 |
| Stddev | .0022069 | .0005652 | .0002041 | .04597   | .0003731 | .0004449 |
| %RSD   | .3484452 | .3800363 | .1148879 | .1929247 | .0825797 | .1661853 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6354683 | .1491877 | .1774511 | 23.88139 | .4514021 | .2671743 |
| #2 | .6335423 | .1488812 | .1778115 | 23.79572 | .4517691 | .2679819 |
| #3 | .6310659 | .1480922 | .1777973 | 23.80964 | .4521482 | .2679014 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5599798 | 158.0159 | 3.301349 | 22.33382 | .6182696 | .0673421 |
| Stddev | .0018568 | .1645    | .003595  | .02444   | .0006183 | .0002146 |
| %RSD   | .3315831 | .1040911 | .1088889 | .1094210 | .1000053 | .3186769 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5578641 | 157.9718 | 3.305427 | 22.36203 | .6179765 | .0670960 |
| #2 | .5613387 | 157.8779 | 3.299984 | 22.31993 | .6189799 | .0674401 |
| #3 | .5607366 | 158.1979 | 3.298637 | 22.31949 | .6178523 | .0674902 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.502260 | .4264521 | .5998767 | 17.52787 | .1224439 | .3326805 |
| Stddev | .011929  | .0022572 | .0016165 | .01183   | .0010930 | .0007794 |
| %RSD   | .1834578 | .5292997 | .2694644 | .0675028 | .8926413 | .2342642 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.506472 | .4285385 | .6013602 | 17.54033 | .1221547 | .3319056 |
| #2 | 6.488796 | .4240561 | .6001159 | 17.52649 | .1215247 | .3326716 |
| #3 | 6.511512 | .4267618 | .5981540 | 17.51679 | .1236524 | .3334643 |

Sample Name: Q1635-01MSD      Acquired: 3/25/2025 15:58:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6301940 | 2.036395 | 3.022088 | F 11.04359 | 1.176914 | .3270056 |
| Stddev | .0024588 | .006628  | .019678  | .02954     | .002866  | .0006484 |
| %RSD   | .3901655 | .3254882 | .6511301 | .2675230   | .2435464 | .1982975 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6283108 | 2.043873 | 3.004681 | 11.00982 | 1.175188 | .3269886 |
| #2 | .6292955 | 2.034065 | 3.043439 | 11.06467 | 1.175332 | .3263659 |
| #3 | .6329757 | 2.031245 | 3.018144 | 11.05628 | 1.180223 | .3276624 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1597303 |
| Stddev | .0010053 |
| %RSD   | .6293435 |

|    |          |
|----|----------|
| #1 | .1608904 |
| #2 | .1591157 |
| #3 | .1591849 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3634.553 | 85885.81 | 19130.22 | 2372.443 | 4782.720 |
| Stddev    | 5.721    | 86.10    | 46.60    | 3.468    | 9.406    |
| %RSD      | .1573946 | .1002464 | .2435947 | .1461894 | .1966644 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3641.036 | 85795.29 | 19080.76 | 2368.473 | 4791.664 |
| #2 | 3630.215 | 85895.46 | 19136.60 | 2373.978 | 4772.912 |
| #3 | 3632.408 | 85966.67 | 19173.30 | 2374.879 | 4783.584 |



Sample Name: Q1635-01A      Acquired: 3/25/2025 16:07:07      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6934162 | 1.754477 | 1.087988 | 1.595729 | .3776340 | 89.83309 |
| Stddev | .0041203 | .005602  | .004068  | .005102  | .0030187 | .07647   |
| %RSD   | .5942086 | .3193240 | .3739143 | .3196978 | .7993609 | .0851264 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6955709 | 1.754955 | 1.085835 | 1.590253 | .3753154 | 89.92140 |
| #2 | .6886653 | 1.759826 | 1.085449 | 1.596588 | .3765393 | 89.78907 |
| #3 | .6960125 | 1.748651 | 1.092680 | 1.600347 | .3810472 | 89.78881 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6374956 | .1503075 | .1768034 | 23.86289 | .4505259 | .2673328 |
| Stddev | .0007575 | .0007765 | .0000329 | .03446   | .0018874 | .0007050 |
| %RSD   | .1188251 | .5166407 | .0186300 | .1444159 | .4189414 | .2637243 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6382038 | .1511223 | .1768077 | 23.89482 | .4527019 | .2667479 |
| #2 | .6375860 | .1502243 | .1768340 | 23.86749 | .4495436 | .2671347 |
| #3 | .6366969 | .1495759 | .1767685 | 23.82636 | .4493321 | .2681156 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5567459 | 160.2613 | 3.315580 | 22.31111 | .6184352 | .0680036 |
| Stddev | .0010362 | .3100    | .013224  | .08723   | .0009318 | .0005638 |
| %RSD   | .1861228 | .1934607 | .3988415 | .3909502 | .1506667 | .8290091 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5564406 | 159.9098 | 3.326502 | 22.37822 | .6187537 | .0674301 |
| #2 | .5558967 | 160.3787 | 3.319361 | 22.34260 | .6173860 | .0685570 |
| #3 | .5579005 | 160.4956 | 3.300878 | 22.21251 | .6191660 | .0680238 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.598981 | .4247620 | .6012207 | 17.65296 | .1326274 | .3299736 |
| Stddev | .016640  | .0005139 | .0001009 | .10846   | .0025604 | .0011703 |
| %RSD   | .2521654 | .1209921 | .0167764 | .6143878 | 1.930535 | .3546645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.582007 | .4243383 | .6012843 | 17.53610 | .1296919 | .3294420 |
| #2 | 6.599672 | .4253337 | .6012735 | 17.67241 | .1344001 | .3291635 |
| #3 | 6.615266 | .4246140 | .6011044 | 17.75038 | .1337902 | .3313154 |

Sample Name: Q1635-01A      Acquired: 3/25/2025 16:07:07      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6287552 | 2.030829 | 2.942151 | F 11.10957 | 1.170798 | .3274189 |
| Stddev | .0019295 | .004618  | .016889  | .00457     | .004594  | .0015935 |
| %RSD   | .3068792 | .2274085 | .5740241 | .0411497   | .3923493 | .4866857 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6267444 | 2.035356 | 2.947999 | 11.10905 | 1.175724 | .3256864 |
| #2 | .6289297 | 2.026125 | 2.955338 | 11.11437 | 1.166632 | .3288219 |
| #3 | .6305916 | 2.031004 | 2.923116 | 11.10527 | 1.170038 | .3277484 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1573321 |
| Stddev | .0007014 |
| %RSD   | .4457851 |

|    |          |
|----|----------|
| #1 | .1581188 |
| #2 | .1571054 |
| #3 | .1567722 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3667.612 | 85482.69 | 19190.07 | 2409.891 | 4809.939 |
| Stddev    | 7.601    | 84.62    | 123.24   | 3.593    | 6.103    |
| %RSD      | .2072426 | .0989884 | .6422045 | .1490856 | .1268917 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3671.011 | 85402.36 | 19058.79 | 2407.676 | 4811.225 |
| #2 | 3672.920 | 85571.03 | 19208.14 | 2414.037 | 4815.296 |
| #3 | 3658.905 | 85474.67 | 19303.27 | 2407.961 | 4803.295 |

Sample Name: PB167296BL      Acquired: 3/25/2025 16:11:08      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002148 | -.000950 | -.000309 | .0018942 | -.000093 | -.005594 | -.012116 |
| Stddev | .001787  | .000963  | .000689  | .0017829 | .000694  | .003733  | .000697  |
| %RSD   | 83.18082 | 101.4192 | 223.1982 | 94.12092 | 746.4241 | 66.72674 | 5.753895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000605 | .000140  | -.000496 | .0019415 | .000605  | -.007217 | -.011381 |
| #2 | -.001734 | -.001686 | .000455  | .0036530 | -.000782 | -.008241 | -.012200 |
| #3 | -.004106 | -.001304 | -.000885 | .0000882 | -.000102 | -.001325 | -.012768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000015 | -.000140 | .0152691 | -.000019 | -.000187 | -.000391 | -.004186 |
| Stddev | .000022  | .000042  | .0044814 | .000272  | .000107  | .000141  | .004105  |
| %RSD   | 147.9812 | 30.08868 | 29.34947 | 1439.179 | 57.25997 | 36.07410 | 98.06036 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000033 | -.000120 | .0150111 | .000148  | -.000065 | -.000503 | -.002626 |
| #2 | .000010  | -.000113 | .0109223 | -.000332 | -.000232 | -.000439 | -.001090 |
| #3 | -.000021 | -.000189 | .0198739 | .000128  | -.000266 | -.000233 | -.008841 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000951 | .0018404 | .0000013 | .0008109 | -.018545 | -.000194 | -.000403 |
| Stddev | .000090  | .0040676 | .0000451 | .0003297 | .007922  | .000131  | .000103  |
| %RSD   | 9.450135 | 221.0139 | 3560.719 | 40.65307 | 42.71629 | 67.78308 | 25.46794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001010 | -.002534 | -.000006 | .0008666 | -.026683 | -.000174 | -.000521 |
| #2 | -.000994 | .005509  | -.000040 | .0004569 | -.010859 | -.000334 | -.000339 |
| #3 | -.000847 | .002546  | .000050  | .0011091 | -.018092 | -.000074 | -.000348 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0706988 | -.005873 | -.000084 | -.004214 | .0008201 | .0021684 | .0012037 |
| Stddev | .0490933 | .000315  | .000147  | .000618  | .0004660 | .0009118 | .0023964 |
| %RSD   | 69.44012 | 5.366687 | 175.8966 | 14.65845 | 56.82534 | 42.05187 | 199.0805 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0562736 | -.005510 | -.000169 | -.004892 | .0013484 | .0032209 | -.001408 |
| #2 | .0304341 | -.006037 | -.000167 | -.004067 | .0006445 | .0016657 | .003302  |
| #3 | .1253885 | -.006073 | .000086  | -.003683 | .0004673 | .0016185 | .001717  |

Sample Name: PB167296BL      Acquired: 3/25/2025 16:11:08      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000822 | -.007402 | .0000462 |
| Stddev | .002612  | .000315  | .0000496 |
| %RSD   | 317.7401 | 4.261566 | 107.3695 |
| #1     | -.000844 | -.007407 | .0000955 |
| #2     | -.003422 | -.007715 | .0000468 |
| #3     | .001801  | -.007084 | -.000004 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3393.432 | 80042.16 | 16227.33 | 2254.251 | 5480.579 |
| Stddev    | 3.944    | 181.42   | 51.06    | 7.414    | 2.152    |
| %RSD      | .1162137 | .2266585 | .3146761 | .3289047 | .0392711 |
| #1        | 3393.756 | 80240.37 | 16189.24 | 2262.189 | 5478.956 |
| #2        | 3389.336 | 79884.33 | 16285.35 | 2253.062 | 5479.760 |
| #3        | 3397.203 | 80001.79 | 16207.38 | 2247.504 | 5483.020 |

Sample Name: PB167296BS      Acquired: 3/25/2025 16:15:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7687319 | 1.865887 | .8987872 | 1.975692 | .8118556 | 1.841064 |
| Stddev | .0031839 | .015075  | .0044615 | .008062  | .0017641 | .001384  |
| %RSD   | .4141764 | .8079486 | .4963928 | .4080566 | .2172881 | .0751573 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7711093 | 1.882975 | .8958492 | 1.977800 | .8099954 | 1.842660 |
| #2 | .7651145 | 1.860218 | .8965913 | 1.966786 | .8120669 | 1.840339 |
| #3 | .7699717 | 1.854468 | .9039211 | 1.982491 | .8135045 | 1.840194 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1637775 | .1738473 | .1789361 | .9154952 | .3800320 | .1834066 |
| Stddev | .0006795 | .0006152 | .0004933 | .0031721 | .0004331 | .0005244 |
| %RSD   | .4148926 | .3538722 | .2757020 | .3464852 | .1139576 | .2859416 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1639153 | .1736069 | .1787975 | .9191343 | .3799680 | .1830644 |
| #2 | .1630397 | .1733886 | .1785269 | .9133154 | .3804936 | .1831450 |
| #3 | .1643776 | .1745464 | .1794839 | .9140360 | .3796346 | .1840104 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3040616 | 2.744345 | .1736566 | 1.720660 | .4610327 | .0720942 |
| Stddev | .0010818 | .007124  | .0013617 | .012294  | .0008311 | .0001522 |
| %RSD   | .3557910 | .2595719 | .7841647 | .7144938 | .1802671 | .2110441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3039603 | 2.739558 | .1751921 | 1.734409 | .4612871 | .0719895 |
| #2 | .3030340 | 2.752531 | .1725954 | 1.716847 | .4601042 | .0720244 |
| #3 | .3051906 | 2.740946 | .1731824 | 1.710725 | .4617069 | .0722687 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.590204 | .2685013 | .1952495 | 9.263533 | .2524173 | .3980016 |
| Stddev | .002913  | .0016156 | .0006944 | .051393  | .0011817 | .0011565 |
| %RSD   | .1124482 | .6016985 | .3556437 | .5547861 | .4681583 | .2905695 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.593421 | .2703150 | .1958613 | 9.280836 | .2521582 | .3977169 |
| #2 | 2.589446 | .2679725 | .1944948 | 9.304041 | .2513866 | .3970142 |
| #3 | 2.587746 | .2672164 | .1953925 | 9.205722 | .2537070 | .3992739 |

Sample Name: PB167296BS      Acquired: 3/25/2025 16:15:28      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6391636 | .1797392 | .7493178 | 5.339948 | F -.008007 | .1810248 |
| Stddev | .0017099 | .0005134 | .0077115 | .011064  | .001478    | .0008589 |
| %RSD   | .2675235 | .2856241 | 1.029131 | .2071898 | 18.46211   | .4744849 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6390554 | .1798243 | .7456427 | 5.345755 | -.006330 | .1819028 |
| #2 | .6375103 | .1802048 | .7581793 | 5.327190 | -.008571 | .1809852 |
| #3 | .6409250 | .1791887 | .7441313 | 5.346900 | -.009121 | .1801863 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1763388 |
| Stddev | .0008099 |
| %RSD   | .4592721 |

|    |          |
|----|----------|
| #1 | .1771605 |
| #2 | .1763146 |
| #3 | .1755413 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3307.314 | 77622.09 | 16084.29 | 2196.920 | 5203.235 |
| Stddev    | 6.290    | 159.76   | 70.83    | 6.097    | 14.105   |
| %RSD      | .1901770 | .2058160 | .4403660 | .2775451 | .2710833 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3309.474 | 77805.28 | 16088.30 | 2200.832 | 5208.952 |
| #2 | 3312.239 | 77549.26 | 16153.03 | 2200.032 | 5213.585 |
| #3 | 3300.229 | 77511.72 | 16011.54 | 2189.894 | 5187.169 |

Sample Name: Q1636-01      Acquired: 3/25/2025 16:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1293822 | .0251141 | .2046252 | -.053166 | -.007727 | 150.1131 | .4013218 |
| Stddev | .0036418 | .0032552 | .0021287 | .002107  | .002878  | .2649    | .0005783 |
| %RSD   | 2.814792 | 12.96162 | 1.040275 | 3.962303 | 37.25249 | .1764726 | .1441008 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1254948 | .0286944 | .2046610 | -.055557 | -.005790 | 150.3053 | .4019871 |
| #2 | .1299369 | .0223326 | .2024788 | -.051585 | -.006355 | 150.2231 | .4010387 |
| #3 | .1327149 | .0243155 | .2067357 | -.052355 | -.011034 | 149.8109 | .4009396 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090532 | -.010979 | 12.39499 | .1985076 | .1661302 | .2684827 | 344.1683 |
| Stddev | .0000588 | .000432  | .01583   | .0007078 | .0003156 | .0007538 | 1.6757   |
| %RSD   | .6494376 | 3.935495 | .1277402 | .3565580 | .1899938 | .2807760 | .4868854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0090150 | -.011388 | 12.41242 | .1979999 | .1658717 | .2687874 | 344.7844 |
| #2 | .0091209 | -.010527 | 12.39107 | .1993161 | .1660369 | .2676243 | 342.2717 |
| #3 | .0090236 | -.011020 | 12.38149 | .1982068 | .1664819 | .2690366 | 345.4486 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.862839 | 32.36578 | .2299026 | .0001254 | 5.802922 | .2679211 | .8235008 |
| Stddev | .010930  | .02811   | .0008542 | .0004630 | .030429  | .0006114 | .0019347 |
| %RSD   | .2247679 | .0868647 | .3715634 | 369.2943 | .5243714 | .2282147 | .2349323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.874163 | 32.33804 | .2289405 | .0003783 | 5.807344 | .2676327 | .8212672 |
| #2 | 4.852351 | 32.39425 | .2301952 | -.000409 | 5.770525 | .2686234 | .8245829 |
| #3 | 4.862002 | 32.36505 | .2305720 | .000407  | 5.830898 | .2675073 | .8246523 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.118263 | -.142693 | .0077204 | .0034681 | 1.129692 | 7.471687 | 5.688859 |
| Stddev | .030348  | .005531  | .0004635 | .0003228 | .011576  | .050994  | .018295  |
| %RSD   | .3738202 | 3.875867 | 6.003364 | 9.306768 | 1.024675 | .6824913 | .3215983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.138227 | -.142152 | .0072314 | .0038407 | 1.139495 | 7.528649 | 5.676458 |
| #2 | 8.083340 | -.148475 | .0077766 | .0032747 | 1.116922 | 7.456122 | 5.680249 |
| #3 | 8.133223 | -.137453 | .0081533 | .0032889 | 1.132660 | 7.430289 | 5.709871 |

Sample Name: Q1636-01      Acquired: 3/25/2025 16:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3963213 | .3358279 | -.204889 |
| Stddev | .0049511 | .0010261 | .001538  |
| %RSD   | 1.249255 | .3055553 | .7507801 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3995962 | .3362452 | -.205154 |
| #2 | .3906256 | .3365797 | -.203236 |
| #3 | .3987421 | .3346589 | -.206278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3376.395 | 79003.00 | 18309.32 | 2181.084 | 4694.776 |
| Stddev    | 5.372    | 140.33   | 36.55    | 7.245    | 15.087   |
| %RSD      | .1591001 | .1776320 | .1996477 | .3321606 | .3213572 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3375.226 | 79021.31 | 18312.65 | 2186.409 | 4702.258 |
| #2 | 3382.254 | 79133.28 | 18271.22 | 2184.010 | 4704.659 |
| #3 | 3371.703 | 78854.41 | 18344.10 | 2172.834 | 4677.410 |



Sample Name: Q1636-05      Acquired: 3/25/2025 16:23:36      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0565903 | .0077262 | .1778480 | -.024572 | -.003471 | 80.05195 | .7971439 |
| Stddev | .0015772 | .0029068 | .0010050 | .003403  | .001775  | .09719   | .0021213 |
| %RSD   | 2.786964 | 37.62317 | .5650648 | 13.84979 | 51.13523 | .1214092 | .2661176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0571800 | .0110359 | .1768849 | -.028427 | -.005515 | 79.95492 | .7958552 |
| #2 | .0577876 | .0065546 | .1777691 | -.021984 | -.002576 | 80.14930 | .7995923 |
| #3 | .0548032 | .0055879 | .1788901 | -.023305 | -.002322 | 80.05162 | .7959843 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049902 | -.005992 | 8.126009 | .1071261 | .0601745 | .1221230 | 161.8325 |
| Stddev | .0001128 | .000251  | .049141  | .0013646 | .0001941 | .0011558 | 1.1588   |
| %RSD   | 2.260038 | 4.193373 | .6047320 | 1.273801 | .3225845 | .9464072 | .7160455 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048631 | -.006224 | 8.070237 | .1074531 | .0599875 | .1209374 | 162.6501 |
| #2 | .0050782 | -.006028 | 8.144845 | .1082974 | .0601611 | .1221850 | 162.3411 |
| #3 | .0050294 | -.005725 | 8.162946 | .1056277 | .0603750 | .1232465 | 160.5064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.298682 | 18.25357 | .1149899 | -.000074 | 4.012017 | .1397793 | .7108850 |
| Stddev | .011721  | .12184   | .0004097 | .000596  | .038015  | .0015857 | .0047908 |
| %RSD   | .5099028 | .6674727 | .3562858 | 809.9178 | .9475321 | 1.134398 | .6739223 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.285250 | 18.14910 | .1145267 | .000556  | 4.045187 | .1390440 | .7133099 |
| #2 | 2.306840 | 18.22421 | .1151382 | -.000149 | 4.020330 | .1415991 | .7139786 |
| #3 | 2.303955 | 18.38741 | .1153048 | -.000628 | 3.970533 | .1386948 | .7053666 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.223734 | -.078265 | .0011283 | .0026353 | .6825074 | 9.716094 | 4.001237 |
| Stddev | .065432  | .006606  | .0001451 | .0008410 | .0172342 | .092006  | .006411  |
| %RSD   | 1.549152 | 8.440425 | 12.86299 | 31.91556 | 2.525135 | .9469462 | .1602367 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.287284 | -.071525 | .0009978 | .0022771 | .6940603 | 9.814028 | 3.999138 |
| #2 | 4.227348 | -.078542 | .0011024 | .0035961 | .6626983 | 9.702791 | 4.008434 |
| #3 | 4.156570 | -.084728 | .0012846 | .0020325 | .6907636 | 9.631464 | 3.996138 |

Sample Name: Q1636-05      Acquired: 3/25/2025 16:23:36      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3635894 | .1607798 | -.078582 |
| Stddev | .0010100 | .0011526 | .001303  |
| %RSD   | .2777824 | .7168860 | 1.657722 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3624589 | .1595298 | -.079522 |
| #2 | .3639063 | .1610092 | -.079129 |
| #3 | .3644029 | .1618005 | -.077095 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3367.673 | 78797.94 | 17500.09 | 2206.510 | 4850.175 |
| Stddev    | 5.606    | 395.25   | 132.92   | 17.661   | 11.667   |
| %RSD      | .1664542 | .5016000 | .7595621 | .8003834 | .2405421 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3369.539 | 78548.71 | 17645.06 | 2201.790 | 4860.719 |
| #2 | 3372.108 | 78591.45 | 17471.25 | 2191.690 | 4852.165 |
| #3 | 3361.372 | 79253.67 | 17383.95 | 2226.052 | 4837.641 |

Sample Name: Q1636-13      Acquired: 3/25/2025 16:27:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0381162 | .0093951 | .1036526 | -.032132 | -.005844 | 106.6454 | .3124291 |
| Stddev | .0005751 | .0015840 | .0012655 | .003429  | .001404  | .2794    | .0008517 |
| %RSD   | 1.508723 | 16.85969 | 1.220923 | 10.67141 | 24.02789 | .2620340 | .2725947 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0374573 | .0108636 | .1037996 | -.032868 | -.005786 | 106.9087 | .3129531 |
| #2 | .0385170 | .0077166 | .1048381 | -.035133 | -.007276 | 106.6752 | .3128877 |
| #3 | .0383742 | .0096052 | .1023199 | -.028395 | -.004470 | 106.3522 | .3114464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058161 | -.009181 | 10.42203 | .3322079 | .0551485 | .1468907 | 206.2200 |
| Stddev | .0000618 | .000105  | .00751   | .0013976 | .0002268 | .0005079 | .3861    |
| %RSD   | 1.062915 | 1.140108 | .0720469 | .4206885 | .4112125 | .3458019 | .1872252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0057730 | -.009185 | 10.42977 | .3335741 | .0549173 | .1463995 | 206.0649 |
| #2 | .0058869 | -.009074 | 10.42156 | .3307810 | .0551578 | .1468588 | 205.9356 |
| #3 | .0057883 | -.009283 | 10.41477 | .3322686 | .0553705 | .1474139 | 206.6596 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7380835 | 30.40120 | .1855789 | .0001479 | .7242054 | .2801586 | .6439200 |
| Stddev | .0015229 | .06167   | .0000738 | .0003718 | .0028206 | .0015236 | .0028342 |
| %RSD   | .2063293 | .2028540 | .0397533 | 251.3459 | .3894765 | .5438191 | .4401464 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7394357 | 30.47220 | .1855086 | -.000118 | .7265361 | .2817015 | .6467216 |
| #2 | .7383810 | 30.36091 | .1856557 | -.000011 | .7250103 | .2801191 | .6439839 |
| #3 | .7364338 | 30.37050 | .1855724 | .000573  | .7210698 | .2786551 | .6410544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.51140 | -.035922 | .0017793 | .0003928 | 1.241643 | 5.931550 | 2.824721 |
| Stddev | .06502   | .003021  | .0000627 | .0004033 | .007492  | .088189  | .006946  |
| %RSD   | .5648322 | 8.411031 | 3.525518 | 102.6748 | .6033718 | 1.486779 | .2458856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.48706 | -.038736 | .0017592 | .0008558 | 1.233976 | 5.977508 | 2.816878 |
| #2 | 11.58507 | -.036302 | .0017291 | .0001183 | 1.242006 | 5.987268 | 2.827193 |
| #3 | 11.46205 | -.032729 | .0018496 | .0002043 | 1.248946 | 5.829874 | 2.830093 |

Sample Name: Q1636-13      Acquired: 3/25/2025 16:27:43      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2561717 | .2621762 | -.128525 |
| Stddev | .0052834 | .0013394 | .000438  |
| %RSD   | 2.062439 | .5108612 | .3407365 |
| #1     | .2620038 | .2637046 | -.128351 |
| #2     | .2548063 | .2616164 | -.128201 |
| #3     | .2517051 | .2612076 | -.129023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3353.855 | 78444.70 | 17842.94 | 2226.027 | 4820.656 |
| Stddev    | 4.911    | 121.01   | 79.04    | 8.539    | 8.912    |
| %RSD      | .1464418 | .1542568 | .4429898 | .3836015 | .1848668 |
| #1        | 3353.653 | 78380.29 | 17752.14 | 2216.192 | 4824.121 |
| #2        | 3358.864 | 78584.29 | 17896.35 | 2231.548 | 4827.315 |
| #3        | 3349.047 | 78369.52 | 17880.33 | 2230.342 | 4810.532 |

Sample Name: Q1636-17      Acquired: 3/25/2025 16:31:50      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1021657 | .0156154 | .2558045 | -.034417 | -.008777 | 99.30872 | .4628320 |
| Stddev | .0024196 | .0033088 | .0018472 | .003448  | .003037  | .12839   | .0011753 |
| %RSD   | 2.368295 | 21.18932 | .7221112 | 10.01694 | 34.60216 | .1292828 | .2539336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1025742 | .0190327 | .2574076 | -.031112 | -.007146 | 99.45693 | .4640867 |
| #2 | .0995679 | .0153865 | .2537845 | -.037991 | -.012281 | 99.23743 | .4617568 |
| #3 | .1043551 | .0124270 | .2562215 | -.034149 | -.006904 | 99.23179 | .4626525 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080011 | -.008648 | 13.38786 | .2933157 | .0782045 | .2598710 | 249.0155 |
| Stddev | .0000930 | .000046  | .06418   | .0001521 | .0000672 | .0009884 | .9722    |
| %RSD   | 1.162193 | .5374055 | .4794032 | .0518564 | .0858711 | .3803415 | .3904257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079880 | -.008615 | 13.46111 | .2934909 | .0782314 | .2597489 | 250.1372 |
| #2 | .0081000 | -.008702 | 13.34146 | .2932399 | .0781281 | .2609148 | 248.4950 |
| #3 | .0079154 | -.008628 | 13.36102 | .2932165 | .0782541 | .2589494 | 248.4144 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.050985 | 17.19585 | .1245996 | .0002153 | 4.360059 | .2954204 | .6300489 |
| Stddev | .010714  | .10021   | .0009246 | .0003783 | .032524  | .0018353 | .0012871 |
| %RSD   | .5223681 | .5827330 | .7420843 | 175.7217 | .7459443 | .6212346 | .2042839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.062146 | 17.28884 | .1248682 | .0006197 | 4.397394 | .2974612 | .6300301 |
| #2 | 2.040782 | 17.08972 | .1235705 | .0001562 | 4.344912 | .2948944 | .6287712 |
| #3 | 2.050028 | 17.20899 | .1253603 | -.000130 | 4.337872 | .2939055 | .6313452 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.985054 | -.075276 | .0054193 | .0030257 | .9462481 | 5.869790 | 6.839897 |
| Stddev | .036940  | .002608  | .0003267 | .0010556 | .0036829 | .049910  | .024088  |
| %RSD   | .4111217 | 3.464293 | 6.028958 | 34.88694 | .3892065 | .8502911 | .3521664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.026547 | -.074901 | .0056495 | .0039473 | .9420378 | 5.902182 | 6.866494 |
| #2 | 8.955746 | -.072876 | .0055629 | .0032558 | .9478350 | 5.812313 | 6.833647 |
| #3 | 8.972869 | -.078051 | .0050453 | .0018741 | .9488715 | 5.894874 | 6.819551 |

Sample Name: Q1636-17      Acquired: 3/25/2025 16:31:50      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5058562 | .1918774 | -.075917 |
| Stddev | .0022823 | .0003527 | .000375  |
| %RSD   | .4511670 | .1837998 | .4934726 |
| #1     | .5049648 | .1920760 | -.076225 |
| #2     | .5041542 | .1920860 | -.076026 |
| #3     | .5084496 | .1914702 | -.075500 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3482.810 | 82009.26 | 18467.82 | 2326.713 | 4788.676 |
| Stddev    | 5.153    | 109.33   | 58.29    | 8.494    | 17.880   |
| %RSD      | .1479413 | .1333165 | .3156495 | .3650803 | .3733865 |
| #1        | 3476.920 | 81891.29 | 18407.74 | 2334.175 | 4769.428 |
| #2        | 3485.026 | 82029.34 | 18524.15 | 2328.495 | 4804.769 |
| #3        | 3486.483 | 82107.17 | 18471.57 | 2317.469 | 4791.832 |

Sample Name: Q1636-09      Acquired: 3/25/2025 16:35:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0980182 | .0169117 | .1485316 | -.038783 | -.006215 | 116.3171 | .2661219 |
| Stddev | .0057494 | .0036103 | .0033109 | .003311  | .001629  | .2096    | .0003568 |
| %RSD   | 5.865606 | 21.34768 | 2.229103 | 8.536633 | 26.21491 | .1802095 | .1340630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1003190 | .0127948 | .1478223 | -.042576 | -.006101 | 116.1324 | .2663705 |
| #2 | .1022609 | .0184024 | .1456328 | -.036473 | -.004646 | 116.2739 | .2662820 |
| #3 | .0914748 | .0195378 | .1521396 | -.037300 | -.007899 | 116.5449 | .2657131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068097 | -.010046 | 12.41599 | .1416283 | .0964234 | .1935685 | 248.6902 |
| Stddev | .0001751 | .000119  | .04505   | .0003625 | .0003351 | .0008203 | .8458    |
| %RSD   | 2.571695 | 1.187335 | .3628423 | .2559295 | .3475793 | .4237744 | .3401095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069782 | -.009914 | 12.44464 | .1412309 | .0960886 | .1945151 | 247.8520 |
| #2 | .0068225 | -.010145 | 12.36406 | .1417132 | .0967589 | .1930660 | 248.6751 |
| #3 | .0066286 | -.010080 | 12.43926 | .1419407 | .0964227 | .1931245 | 249.5434 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.216832 | 28.67407 | .1827934 | -.001170 | 9.353836 | .1789348 | .6038059 |
| Stddev | .006052  | .18456   | .0005908 | .000268  | .034505  | .0007486 | .0033051 |
| %RSD   | .2730216 | .6436382 | .3232042 | 22.89065 | .3688841 | .4183630 | .5473790 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.221778 | 28.79944 | .1824369 | -.001474 | 9.319766 | .1796031 | .6001861 |
| #2 | 2.210083 | 28.46215 | .1834754 | -.001068 | 9.388760 | .1781258 | .6045687 |
| #3 | 2.218634 | 28.76064 | .1824681 | -.000969 | 9.352983 | .1790755 | .6066630 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.897391 | -.143918 | .0016929 | .0014192 | .7123902 | 5.004715 | 2.974920 |
| Stddev | .037802  | .002607  | .0003781 | .0003457 | .0025674 | .115468  | .005366  |
| %RSD   | .7718889 | 1.811166 | 22.33283 | 24.35980 | .3603953 | 2.307188 | .1803884 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.860068 | -.146738 | .0017986 | .0017820 | .7094605 | 4.873475 | 2.979465 |
| #2 | 4.935656 | -.141597 | .0020068 | .0013821 | .7134626 | 5.049965 | 2.969000 |
| #3 | 4.896449 | -.143418 | .0012732 | .0010935 | .7142476 | 5.090705 | 2.976294 |

Sample Name: Q1636-09      Acquired: 3/25/2025 16:35:56      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2951028 | .2645526 | -.154100 |
| Stddev | .0026149 | .0012095 | .000776  |
| %RSD   | .8860844 | .4571962 | .5033722 |
| #1     | .2932234 | .2644649 | -.153331 |
| #2     | .2980890 | .2633893 | -.154087 |
| #3     | .2939958 | .2658036 | -.154882 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3379.317 | 79144.17 | 17224.60 | 2234.412 | 4813.420 |
| Stddev    | 1.820    | 353.05   | 95.13    | 13.764   | 1.727    |
| %RSD      | .0538532 | .4460845 | .5522668 | .6159865 | .0358771 |
| #1        | 3380.416 | 79453.89 | 17176.60 | 2245.412 | 4812.257 |
| #2        | 3377.216 | 79218.86 | 17334.16 | 2238.846 | 4815.404 |
| #3        | 3380.318 | 78759.75 | 17163.03 | 2218.977 | 4812.600 |



Sample Name: CCV07      Acquired: 3/25/2025 16:40:02      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | 4.968198 | 4.770237 | 4.773104 | 5.017760 | 5.056633 | 9.653228 | 9.514806 |
| Stddev | .018256  | .060261  | .017490  | .026889  | .025275  | .035198  | .111694  |
| %RSD   | .3674539 | 1.263273 | .3664187 | .5358770 | .4998296 | .3646254 | 1.173901 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.963757 | 4.713708 | 4.760005 | 5.010383 | 5.049236 | 9.692026 | 9.459079 |
| #2 | 4.952572 | 4.763364 | 4.766341 | 4.995330 | 5.035881 | 9.644315 | 9.643400 |
| #3 | 4.988265 | 4.833640 | 4.792965 | 5.047568 | 5.084780 | 9.623344 | 9.441940 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2254912 | 2.375741 | 22.77891 | .9722241 | 2.396091 | 1.251915 | 4.829895 |
| Stddev | .0004962 | .007872  | .03434   | .0014394 | .006938  | .004071  | .032970  |
| %RSD   | .2200499 | .3313649 | .1507657 | .1480521 | .2895486 | .3251824 | .6826237 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2251723 | 2.370906 | 22.74341 | .9708062 | 2.390819 | 1.252185 | 4.843974 |
| #2 | .2260629 | 2.371492 | 22.81197 | .9721819 | 2.393503 | 1.247716 | 4.792223 |
| #3 | .2252384 | 2.384825 | 22.78134 | .9736841 | 2.403951 | 1.255844 | 4.853488 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.262641 | 22.68701 | 2.397768 | 1.220616 | 24.44507 | 2.361137 | 2.483221 |
| Stddev | .002679  | .01710   | .006455  | .000923  | .15830   | .000936  | .004511  |
| %RSD   | .1184040 | .0753535 | .2692028 | .0755992 | .6475684 | .0396269 | .1816393 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.265154 | 22.70622 | 2.394009 | 1.219589 | 24.57938 | 2.361071 | 2.488392 |
| #2 | 2.259822 | 22.68133 | 2.394073 | 1.220883 | 24.27054 | 2.360236 | 2.480093 |
| #3 | 2.262947 | 22.67348 | 2.405221 | 1.221376 | 24.48530 | 2.362104 | 2.481179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.02753 | 4.525486 | 5.016590 | 4.767747 | 4.713387 | 5.140458 | 4.798883 |
| Stddev | .13333   | .014577  | .022394  | .020475  | .007908  | .016962  | .034006  |
| %RSD   | .5327486 | .3221094 | .4464007 | .4294487 | .1677712 | .3299688 | .7086174 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.14999 | 4.516606 | 5.005106 | 4.749568 | 4.721400 | 5.133890 | 4.766596 |
| #2 | 24.88548 | 4.542309 | 5.002268 | 4.763747 | 4.705589 | 5.127762 | 4.795674 |
| #3 | 25.04711 | 4.517542 | 5.042397 | 4.789927 | 4.713172 | 5.159722 | 4.834380 |

Sample Name: CCV07      Acquired: 3/25/2025 16:40:02      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.768634 | 4.764597 | 4.792868 |
| Stddev | .019266  | .014953  | .023001  |
| %RSD   | .4040222 | .3138318 | .4798952 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.760503 | 4.781692 | 4.802248 |
| #2 | 4.754765 | 4.753950 | 4.809697 |
| #3 | 4.790633 | 4.758150 | 4.766660 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3256.888 | 74989.81 | 15739.10 | 2128.456 | 4844.992 |
| Stddev    | 7.861    | 83.30    | 64.06    | 6.380    | 10.080   |
| %RSD      | .2413581 | .1110778 | .4070243 | .2997620 | .2080566 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3262.378 | 75081.91 | 15777.48 | 2132.626 | 4852.691 |
| #2 | 3260.404 | 74967.76 | 15665.14 | 2121.111 | 4848.703 |
| #3 | 3247.883 | 74919.76 | 15774.67 | 2131.630 | 4833.582 |

Sample Name: CCB07      Acquired: 3/25/2025 16:44:13      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      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    | -.002748 | -.001782 | -.001202 | .0027706 | .0006405 | -.004095 | -.010564 |
| Stddev | .001422  | .000176  | .001028  | .0002314 | .0011742 | .003987  | .001201  |
| %RSD   | 51.74148 | 9.856325 | 85.49432 | 8.351923 | 183.3195 | 97.36135 | 11.37357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001370 | -.001964 | -.001143 | .0030230 | .0008578 | -.006333 | -.011447 |
| #2 | -.002664 | -.001769 | -.000205 | .0027203 | -.000627 | -.006459 | -.011049 |
| #3 | -.004210 | -.001614 | -.002258 | .0025685 | .001691  | .000508  | -.009196 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000353 | -.000096 | .0175747 | -.000108 | -.000015 | -.000200 | -.006639 |
| Stddev | .0000870 | .000029  | .0042803 | .000164  | .000139  | .000093  | .002891  |
| %RSD   | 246.1488 | 30.17028 | 24.35519 | 151.2936 | 952.7762 | 46.24418 | 43.55134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000514 | -.000108 | .0171777 | .000062  | -.000158 | -.000296 | -.003502 |
| #2 | -.000059 | -.000117 | .0220397 | -.000265 | .000119  | -.000194 | -.007216 |
| #3 | .000113  | -.000063 | .0135066 | -.000122 | -.000004 | -.000111 | -.009198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000803 | -.001826 | -.000007 | .0006062 | -.018487 | -.000427 | -.000213 |
| Stddev | .000275  | .007851  | .000089  | .0002121 | .013053  | .000592  | .000064  |
| %RSD   | 34.19713 | 429.8462 | 1245.790 | 34.98027 | 70.60755 | 138.4444 | 30.05151 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001092 | -.000091 | .000085  | .0004527 | -.024853 | -.000084 | -.000164 |
| #2 | -.000773 | .005011  | -.000092 | .0008482 | -.027137 | -.000087 | -.000285 |
| #3 | -.000545 | -.010399 | -.000014 | .0005177 | -.003472 | -.001111 | -.000189 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0661496 | -.002830 | .0002265 | -.003877 | .0008026 | .0117050 | -.002536 |
| Stddev | .0343152 | .000504  | .0003200 | .000617  | .0003698 | .0021117 | .002573  |
| %RSD   | 51.87513 | 17.79448 | 141.3053 | 15.90747 | 46.08028 | 18.04132 | 101.4731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0386228 | -.002288 | .0002641 | -.004235 | .0003923 | .0094835 | -.003648 |
| #2 | .1045958 | -.003284 | -.000111 | -.003165 | .0011104 | .0136864 | -.004366 |
| #3 | .0552303 | -.002919 | .000526  | -.004232 | .0009051 | .0119450 | .000406  |

Sample Name: CCB07      Acquired: 3/25/2025 16:44:13      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000154 | -.005026 | .0001502 |
| Stddev | .001798  | .001808  | .0000547 |
| %RSD   | 1166.460 | 35.96188 | 36.40608 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001442 | -.006560 | .0000967 |
| #2 | .001900  | -.003033 | .0001479 |
| #3 | -.000920 | -.005485 | .0002060 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3355.066 | 76400.23 | 16044.04 | 2151.010 | 5428.955 |
| Stddev    | 8.070    | 554.07   | 48.63    | 15.805   | 9.473    |
| %RSD      | .2405286 | .7252171 | .3030995 | .7347529 | .1744868 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3359.773 | 76554.90 | 16042.30 | 2156.185 | 5425.991 |
| #2 | 3359.677 | 76860.53 | 15996.31 | 2163.579 | 5439.555 |
| #3 | 3345.748 | 75785.26 | 16093.52 | 2133.267 | 5421.318 |

Sample Name: LR1      Acquired: 3/25/2025 16:48:06      Type: Unk  
Method: NON EPA-6010-200.7(v2844)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0522846 | .0747637 | .0308408 | -.202468 | -.003658 | 2052.649 | .0045859 |
| Stddev | .0044861 | .0038389 | .0041865 | .017117  | .003200  | 19.660   | .0011847 |
| %RSD   | 8.580177 | 5.134776 | 13.57465 | 8.454379 | 87.46787 | .9577830 | 25.83394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0570852 | .0706242 | .0264488 | -.182978 | -.006450 | 2044.288 | .0032374 |
| #2 | .0481988 | .0754600 | .0347861 | -.209361 | -.004358 | 2075.107 | .0054594 |
| #3 | .0515697 | .0782068 | .0312874 | -.215063 | -.000166 | 2038.551 | .0050609 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081116 | .0104441 | 1952.428 | .0251083 | .0319366 | .0523504 | 1007.033 |
| Stddev | .0003327 | .0025251 | 11.667   | .0005256 | .0004137 | .0042773 | 11.376   |
| %RSD   | 4.101344 | 24.17726 | .5975696 | 2.093193 | 1.295469 | 8.170513 | 1.129701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078477 | .0077768 | 1943.434 | .0256434 | .0316714 | .0495165 | 1019.959 |
| #2 | .0080017 | .0107576 | 1965.611 | .0250885 | .0317251 | .0502641 | 1002.595 |
| #3 | .0084853 | .0127977 | 1948.240 | .0245929 | .0324134 | .0572705 | 998.544  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.032560 | 1622.710 | .0084671 | -.029355 | 1935.001 | .0181013 | .1900360 |
| Stddev | .000342  | 4.417    | .0009149 | .001836  | 25.357   | .0023425 | .0017445 |
| %RSD   | 1.051654 | .2722229 | 10.80594 | 6.254338 | 1.310453 | 12.94085 | .9179605 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.032429 | 1618.099 | .0075331 | -.027239 | 1929.976 | .0178601 | .1880373 |
| #2 | -.032949 | 1623.127 | .0085064 | -.030294 | 1962.494 | .0205550 | .1908185 |
| #3 | -.032303 | 1626.904 | .0093617 | -.030532 | 1912.532 | .0158888 | .1912521 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1478.878 | ^ ***** | -.011900 | -.008245 | -.034776 | .1562641 | .0700584 |
| Stddev | 14.216   | -----   | .000337  | .002170  | .000934  | .0163242 | .0026840 |
| %RSD   | .9612923 | -----   | 2.828507 | 26.31994 | 2.684481 | 10.44652 | 3.831127 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 1483.093 | ^ ----- | -.011529 | -.010455 | -.034580 | .1743751 | .0711629 |
| #2 | 1490.510 | ^ ----- | -.011984 | -.008163 | -.035791 | .1517331 | .0720140 |
| #3 | 1463.031 | ^ ----- | -.012186 | -.006117 | -.033955 | .1426841 | .0669984 |

Sample Name: LR1      Acquired: 3/25/2025 16:48:06      Type: Unk  
Method: NON EPA-6010-200.7(v2844)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.209059 | .0932237 | -.874789 |
| Stddev | .006663  | .0070512 | .009985  |
| %RSD   | 3.187254 | 7.563719 | 1.141371 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.216506 | .1013653 | -.886144 |
| #2 | -.203661 | .0892208 | -.870840 |
| #3 | -.207009 | .0890849 | -.867382 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2145.548 | 50249.31 | 13313.21 | 1375.769 | 2737.046 |
| Stddev    | 7.192    | 139.44   | 87.59    | 5.991    | 10.260   |
| %RSD      | .3351859 | .2775025 | .6579523 | .4354362 | .3748701 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2151.998 | 50211.94 | 13413.29 | 1373.069 | 2743.023 |
| #2 | 2146.854 | 50132.36 | 13275.84 | 1371.604 | 2742.917 |
| #3 | 2137.793 | 50403.63 | 13250.49 | 1382.635 | 2725.199 |

Sample Name: LR2      Acquired: 3/25/2025 16:53:05      Type: Unk  
Method: NON EPA-6010-200.7(v2844)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072669 | -.022351 | 250.2315 | .0044996 | -.004556 | .1598749 | ^F ***** |
| Stddev | .0033207 | .001708  | 1.4073   | .0008907 | .000858  | .0042818 | -----    |
| %RSD   | 45.69614 | 7.640357 | .5624170 | 19.79446 | 18.82627 | 2.678218 | -----    |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060625 | -.022921 | 250.0042 | .0049840 | -.005524 | .1554749 | 82.26741 |
| #2 | .0047164 | -.023701 | 248.9516 | .0050431 | -.003893 | .1601221 | ^ -----  |
| #3 | .0110217 | -.020432 | 251.7386 | .0034717 | -.004250 | .1640278 | ^ -----  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001422 | -.002255 | .2692375 | .0078365 | .0045532 | 252.2517 | .0193188 |
| Stddev | .000064  | .000156  | .0004169 | .0004518 | .0001221 | 1.2388   | .0020263 |
| %RSD   | 4.522132 | 6.911392 | .1548309 | 5.765398 | 2.682714 | .4910949 | 10.48891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001363 | -.002089 | .2688833 | .0079708 | .0044526 | 251.1745 | .0209933 |
| #2 | -.001491 | -.002398 | .2696968 | .0082059 | .0046891 | 253.6054 | .0198968 |
| #3 | -.001413 | -.002278 | .2691323 | .0073328 | .0045179 | 251.9752 | .0170662 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 47.26601 | -.065629 | 51.41098 | .0001689 | .2041135 | -.009682 | 32.99525 |
| Stddev | .32019   | .014001  | .25185   | .0002889 | .0199584 | .001205  | .05892   |
| %RSD   | .6774195 | 21.33340 | .4898704 | 170.9886 | 9.778086 | 12.44294 | .1785809 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 47.02167 | -.078247 | 51.39001 | .0004934 | .2208218 | -.009261 | 33.06135 |
| #2 | 47.62848 | -.068074 | 51.17027 | .0000735 | .2095057 | -.008744 | 32.97616 |
| #3 | 47.14786 | -.050567 | 51.67266 | -.000060 | .1820130 | -.011041 | 32.94823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3834405 | -.005247 | -.006120 | -.007059 | -.033097 | -.005748 | .2320941 |
| Stddev | .0352318 | .000322  | .000243  | .000238  | .000153  | .009254  | .0021707 |
| %RSD   | 9.188331 | 6.140551 | 3.978484 | 3.369829 | .4609740 | 160.9897 | .9352676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4241113 | -.005030 | -.005922 | -.006893 | -.033270 | -.012586 | .2309741 |
| #2 | .3639398 | -.005095 | -.006046 | -.006952 | -.032984 | -.009440 | .2307121 |
| #3 | .3622705 | -.005618 | -.006392 | -.007332 | -.033036 | .004782  | .2345960 |

Sample Name: LR2      Acquired: 3/25/2025 16:53:05      Type: Unk  
Method: NON EPA-6010-200.7(v2844)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.018288 | -.002380 | .0014828 |
| Stddev | .001685  | .000657  | .0000122 |
| %RSD   | 9.213740 | 27.58074 | .8225577 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.016358 | -.002735 | .0014779 |
| #2 | -.019042 | -.001623 | .0014739 |
| #3 | -.019464 | -.002783 | .0014967 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2939.385 | 76931.85 | 16009.86 | 2087.480 | 4961.291 |
| Stddev    | 2.697    | 128.38   | 65.74    | 4.504    | 15.807   |
| %RSD      | .0917414 | .1668794 | .4106028 | .2157458 | .3186113 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2936.745 | 76783.83 | 16049.87 | 2092.419 | 4956.815 |
| #2 | 2942.135 | 77012.89 | 15933.99 | 2086.421 | 4978.854 |
| #3 | 2939.274 | 76998.84 | 16045.73 | 2083.601 | 4948.204 |



Sample Name: CCV08      Acquired: 3/25/2025 17:01:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.003901 | 4.812627 | 4.840894 | 5.047842 | 5.071827 | 9.695749 | 9.409170 |
| Stddev | .043515  | .029853  | .014467  | .039102  | .037383  | .010998  | .149679  |
| %RSD   | .8696247 | .6203037 | .2988404 | .7746260 | .7370725 | .1134312 | 1.590780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.969695 | 4.778701 | 4.836267 | 5.016785 | 5.045772 | 9.684297 | 9.283498 |
| #2 | 4.989129 | 4.824302 | 4.829307 | 5.034988 | 5.055050 | 9.696719 | 9.369251 |
| #3 | 5.052879 | 4.834878 | 4.857108 | 5.091753 | 5.114660 | 9.706229 | 9.574762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2342762 | 2.412564 | 23.16370 | .9936995 | 2.428852 | 1.261552 | 4.882479 |
| Stddev | .0009856 | .007049  | .04382   | .0044333 | .009907  | .005309  | .023487  |
| %RSD   | .4206850 | .2921724 | .1891624 | .4461368 | .4078913 | .4208094 | .4810385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2334049 | 2.412231 | 23.13053 | .9971343 | 2.426779 | 1.257739 | 4.896524 |
| #2 | .2340779 | 2.405687 | 23.14720 | .9952692 | 2.420146 | 1.259303 | 4.895548 |
| #3 | .2353459 | 2.419773 | 23.21337 | .9886949 | 2.439632 | 1.267616 | 4.855365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.300121 | 23.27941 | 2.434195 | 1.236614 | 23.95514 | 2.389628 | 2.495853 |
| Stddev | .004828  | .03628   | .009150  | .003038  | .23415   | .011183  | .005322  |
| %RSD   | .2099134 | .1558573 | .3758854 | .2456585 | .9774410 | .4679634 | .2132348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.300505 | 23.26517 | 2.432065 | 1.239404 | 24.18880 | 2.381079 | 2.492137 |
| #2 | 2.295113 | 23.25240 | 2.426298 | 1.237059 | 23.95613 | 2.385521 | 2.501950 |
| #3 | 2.304746 | 23.32065 | 2.444222 | 1.233378 | 23.72050 | 2.402283 | 2.493472 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.85783 | 4.662942 | 5.051985 | 4.849852 | 4.736827 | 5.153899 | 4.868870 |
| Stddev | .18191   | .037666  | .028105  | .012040  | .005459  | .033849  | .014555  |
| %RSD   | .7318187 | .8077684 | .5563102 | .2482649 | .1152547 | .6567744 | .2989439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.03700 | 4.628004 | 5.028837 | 4.845543 | 4.740472 | 5.189660 | 4.864960 |
| #2 | 24.86321 | 4.657980 | 5.043861 | 4.840560 | 4.730550 | 5.149683 | 4.856669 |
| #3 | 24.67329 | 4.702844 | 5.083257 | 4.863455 | 4.739460 | 5.122356 | 4.884980 |

Sample Name: CCV08      Acquired: 3/25/2025 17:01:49      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.844583 | 4.726383 | 4.756036 |
| Stddev | .021498  | .008593  | .016099  |
| %RSD   | .4437542 | .1818137 | .3384887 |
| #1     | 4.824207 | 4.732466 | 4.737459 |
| #2     | 4.842492 | 4.716553 | 4.765894 |
| #3     | 4.867050 | 4.730130 | 4.764756 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3225.401 | 72803.35 | 15081.47 | 2089.330 | 4776.788 |
| Stddev    | 11.560   | 255.84   | 77.18    | 6.469    | 17.272   |
| %RSD      | .3583991 | .3514134 | .5117393 | .3096251 | .3615914 |
| #1        | 3227.107 | 72527.79 | 15137.51 | 2082.945 | 4766.777 |
| #2        | 3236.012 | 72848.90 | 15113.47 | 2089.167 | 4796.732 |
| #3        | 3213.083 | 73033.35 | 14993.44 | 2095.880 | 4766.854 |

Sample Name: CCB08      Acquired: 3/25/2025 17:05:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005316 | -.000380 | .0006579 | -.000548 | -.000981 | -.003826 | -.009317 |
| Stddev | .0006616 | .001079  | .0014751 | .000940  | .000830  | .001728  | .000544  |
| %RSD   | 124.4394 | 284.2697 | 224.2156 | 171.6117 | 84.53727 | 45.17878 | 5.840696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012950 | -.000830 | .0019748 | -.000728 | -.000426 | -.001937 | -.009832 |
| #2 | .0001747 | .000852  | -.000936 | .000469  | -.001935 | -.005328 | -.009372 |
| #3 | .0001252 | -.001161 | .000935  | -.001385 | -.000583 | -.004213 | -.008748 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000421 | -.000044 | .0187804 | -.000157 | -.000108 | -.000070 | -.006561 |
| Stddev | .0000311 | .000037  | .0011932 | .000034  | .000055  | .000139  | .002053  |
| %RSD   | 73.95949 | 84.86761 | 6.353136 | 21.95596 | 50.66523 | 199.0089 | 31.28754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000066 | -.000059 | .0192066 | -.000184 | -.000070 | -.000225 | -.005799 |
| #2 | .0000547 | -.000071 | .0174327 | -.000118 | -.000171 | .000041  | -.004998 |
| #3 | .0000649 | -.000001 | .0197019 | -.000167 | -.000083 | -.000025 | -.008885 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000767 | -.000583 | .0000655 | .0001700 | .1195550 | .0006239 | -.000254 |
| Stddev | .000338  | .008088  | .0001766 | .0001592 | .0219608 | .0017649 | .000030  |
| %RSD   | 44.08761 | 1387.608 | 269.6459 | 93.66207 | 18.36876 | 282.8817 | 11.77250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001109 | .002249  | -.000093 | .0001117 | .1008932 | .0020480 | -.000283 |
| #2 | -.000433 | -.009706 | .000033  | .0000481 | .1140172 | .0011744 | -.000223 |
| #3 | -.000759 | .005708  | .000256  | .0003500 | .1437547 | -.001351 | -.000255 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1126148 | -.002030 | .0003102 | -.003314 | .0013668 | .0031959 | .0008411 |
| Stddev | .0261648 | .000470  | .0003444 | .000931  | .0007813 | .0057917 | .0012899 |
| %RSD   | 23.23387 | 23.13350 | 111.0345 | 28.10612 | 57.16087 | 181.2214 | 153.3514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0858706 | -.001567 | .0001975 | -.004304 | .0006787 | .0078213 | .0002626 |
| #2 | .1138150 | -.002506 | .0000362 | -.003181 | .0012056 | -.003300 | -.000058 |
| #3 | .1381588 | -.002015 | .0006968 | -.002456 | .0022161 | .005066  | .002319  |

Sample Name: CCB08      Acquired: 3/25/2025 17:05:59      Type: Unk  
Method: NON EPA-6010-200.7(v2843)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0024856 | -.005424 | .0001694 |
| Stddev | .0016443 | .000975  | .0000718 |
| %RSD   | 66.15459 | 17.97110 | 42.36051 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0006554 | -.005484 | .0001480 |
| #2 | .0029629 | -.004420 | .0001108 |
| #3 | .0038385 | -.006367 | .0002495 |

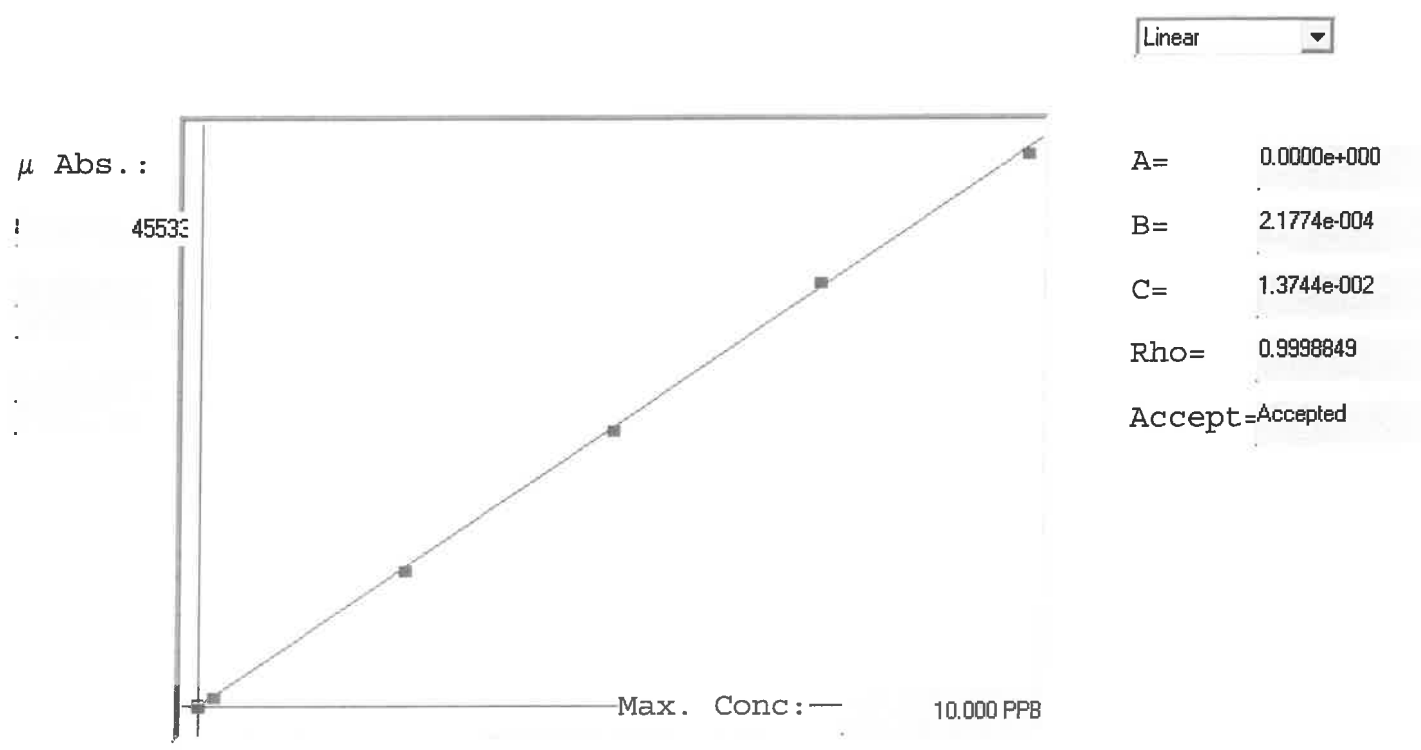
|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3378.936 | 76456.50 | 15613.23 | 2195.306 | 5405.722 |
| Stddev    | 16.774   | 110.75   | 77.52    | 3.223    | 22.168   |
| %RSD      | .4964359 | .1448476 | .4965175 | .1468203 | .4100843 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3391.357 | 76553.38 | 15702.75 | 2191.685 | 5417.796 |
| #2 | 3385.597 | 76335.78 | 15568.38 | 2197.861 | 5419.232 |
| #3 | 3359.855 | 76480.35 | 15568.57 | 2196.373 | 5380.138 |

LB135144

7470A

INSTRUMENT ID: CV1



| Std ID | Conc.  | Calc. | Dev.   | Mean  | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 | 9/10 |
|--------|--------|-------|--------|-------|------------|-------|-------|-------|-------|-------|------|
| 0.0    | 0.000  | 0.001 | 0.001  | -59   | 0.000      | -59   | 0     |       |       |       | -    |
| 0.2    | 0.200  | 0.205 | 0.005  | 878   | 0.0 %      | 878   |       |       |       |       | 2    |
| 2.5    | 2.500  | 2.462 | -0.038 | 11246 | 0.0 %      | 11246 |       |       |       |       | 2    |
| 5.0    | 5.000  | 4.994 | -0.006 | 22871 | 0.0 %      | 22871 |       |       |       |       | 0    |
| 7.5    | 7.500  | 7.610 | 0.110  | 34888 | 0.0 %      | 34888 |       |       |       |       | 1    |
| 10.0   | 10.000 | 9.928 | -0.072 | 45533 | 0.0 %      | 45533 |       |       |       |       | -)   |

# LB135144 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 24 Mar 2025 07:45:12

| Sample ID       | Extended ID       | μ Abs. | Conc    | Std Conc | Method | Units | Date                 | Type | Type |
|-----------------|-------------------|--------|---------|----------|--------|-------|----------------------|------|------|
| 0.0 - 1         | 50                | -59    | -       | 0.0000   | 7470A  | PPB   | 24 Mar 2025 08:11:44 | S    | Std  |
| 0.2 - 1         | 50.2              | 878    | -       | 0.2000   | 7470A  | PPB   | 24 Mar 2025 08:14:01 | S    | Std  |
| 2.5 - 1         | 52.5              | 11246  | -       | 2.5000   | 7470A  | PPB   | 24 Mar 2025 08:16:19 | S    | Std  |
| 5.0 - 1         | 55                | 22871  | -       | 5.0000   | 7470A  | PPB   | 24 Mar 2025 08:18:35 | S    | Std  |
| 7.5 - 1         | 57.5              | 34888  | -       | 7.5000   | 7470A  | PPB   | 24 Mar 2025 08:20:51 | S    | Std  |
| 10.0 - 1        | 59                | 45533  | -       | 10.0000  | 7470A  | PPB   | 24 Mar 2025 08:23:09 | S    | Std  |
| ICV57 - 1       | ICV57             | 17014  | 3.7183  | -        | 7470A  | PPB   | 24 Mar 2025 08:25:59 | U    | SMPL |
| ICB57 - 1       | ICB57             | -248   | -0.0403 | -        | 7470A  | PPB   | 24 Mar 2025 08:28:15 | U    | SMPL |
| CCV49 - 1       | CCV49             | 23128  | 5.0496  | -        | 7470A  | PPB   | 24 Mar 2025 08:30:31 | U    | SMPL |
| CCB49 - 1       | CCB49             | -270   | -0.0450 | -        | 7470A  | PPB   | 24 Mar 2025 08:32:47 | U    | SMPL |
| CRA - 1         | CRA               | 823    | 0.1929  | -        | 7470A  | PPB   | 24 Mar 2025 08:35:04 | U    | SMPL |
| HighStd - 1     | HighStd           | 45189  | 9.8531  | -        | 7470A  | PPB   | 24 Mar 2025 08:37:19 | U    | SMPL |
| ChkStd - 1      | ChkStd            | 29248  | 6.3821  | -        | 7470A  | PPB   | 24 Mar 2025 08:39:34 | U    | SMPL |
| PB167263BL - 1  | PBW               | -390   | -0.0712 | -        | 7470A  | PPB   | 24 Mar 2025 08:41:53 | U    | SMPL |
| PB167263BS - 1  | LCSW              | 17135  | 3.7447  | -        | 7470A  | PPB   | 24 Mar 2025 08:47:34 | U    | SMPL |
| Q1605-02 - 1    | DRUM-SOIL-CUTTING | -187   | -0.0270 | -        | 7470A  | PPB   | 24 Mar 2025 08:49:50 | U    | SMPL |
| Q1606-02 - 1    | CHRT24743         | 14     | 0.0168  | -        | 7470A  | PPB   | 24 Mar 2025 08:52:08 | U    | SMPL |
| Q1606-04 - 1    | RBR251346         | 36     | 0.0216  | -        | 7470A  | PPB   | 24 Mar 2025 08:54:25 | U    | SMPL |
| Q1606-06 - 1    | RT4534            | 24     | 0.0190  | -        | 7470A  | PPB   | 24 Mar 2025 08:56:43 | U    | SMPL |
| Q1606-08 - 1    | RT3025            | -2     | 0.0133  | -        | 7470A  | PPB   | 24 Mar 2025 08:58:59 | U    | SMPL |
| CCV50 - 1       | CCV50             | 22175  | 4.8421  | -        | 7470A  | PPB   | 24 Mar 2025 09:01:14 | U    | SMPL |
| CCB50 - 1       | CCB50             | -322   | -0.0564 | -        | 7470A  | PPB   | 24 Mar 2025 09:03:30 | U    | SMPL |
| Q1606-10 - 1    | CHRT28607         | -25    | 0.0083  | -        | 7470A  | PPB   | 24 Mar 2025 09:05:47 | U    | SMPL |
| Q1609-03 - 1    | WC-SCRN-01-C      | -260   | -0.0429 | -        | 7470A  | PPB   | 24 Mar 2025 09:08:02 | U    | SMPL |
| Q1610-03 - 1    | SOIL-PILE         | -37    | 0.0057  | -        | 7470A  | PPB   | 24 Mar 2025 09:10:18 | U    | SMPL |
| Q1619-06 - 1    | TP-1              | -12    | 0.0111  | -        | 7470A  | PPB   | 24 Mar 2025 09:12:33 | U    | SMPL |
| Q1619-08 - 1    | TP-2              | 37     | 0.0218  | -        | 7470A  | PPB   | 24 Mar 2025 09:14:49 | U    | SMPL |
| Q1619-10 - 1    | TP-3              | 29     | 0.0201  | -        | 7470A  | PPB   | 24 Mar 2025 09:17:05 | U    | SMPL |
| Q1619-12 - 1    | TP-4              | 154    | 0.0473  | -        | 7470A  | PPB   | 24 Mar 2025 09:19:22 | U    | SMPL |
| Q1619-14 - 1    | TP-5              | 73     | 0.0296  | -        | 7470A  | PPB   | 24 Mar 2025 09:21:39 | U    | SMPL |
| Q1619-14DUP - 1 | TP-5DUP           | 36     | 0.0216  | -        | 7470A  | PPB   | 24 Mar 2025 09:23:56 | U    | SMPL |
| Q1619-14MS - 1  | TP-5MS            | 17263  | 3.7725  | -        | 7470A  | PPB   | 24 Mar 2025 09:26:11 | U    | SMPL |
| CCV51 - 1       | CCV51             | 21824  | 4.7656  | -        | 7470A  | PPB   | 24 Mar 2025 09:28:27 | U    | SMPL |
| CCB51 - 1       | CCB51             | -290   | -0.0494 | -        | 7470A  | PPB   | 24 Mar 2025 09:30:44 | U    | SMPL |
| Q1619-14MSD - 1 | TP-5MSD           | 15005  | 3.2809  | -        | 7470A  | PPB   | 24 Mar 2025 09:33:01 | U    | SMPL |
| PB167268BL - 1  | PBW               | -260   | -0.0429 | -        | 7470A  | PPB   | 24 Mar 2025 09:35:17 | U    | SMPL |
| PB167268BS - 1  | LCSW              | 17942  | 3.9204  | -        | 7470A  | PPB   | 24 Mar 2025 09:37:34 | U    | SMPL |
| Q1606-11 - 1    | N48965            | 22     | 0.0185  | -        | 7470A  | PPB   | 24 Mar 2025 09:39:50 | U    | SMPL |
| Q1618-01 - 1    | TP20250320-01     | 94     | 0.0342  | -        | 7470A  | PPB   | 24 Mar 2025 09:42:08 | U    | SMPL |
| Q1618-02 - 1    | TP20250320-02     | 1184   | 0.2715  | -        | 7470A  | PPB   | 24 Mar 2025 09:44:24 | U    | SMPL |
| Q1618-02DUP - 1 | TP20250320-02DUP  | 1077   | 0.2482  | -        | 7470A  | PPB   | 24 Mar 2025 09:46:41 | U    | SMPL |
| Q1618-02MS - 1  | TP20250320-02MS   | 18352  | 4.0097  | -        | 7470A  | PPB   | 24 Mar 2025 09:48:57 | U    | SMPL |
| Q1618-02MSD - 1 | TP20250320-02MSD  | 18405  | 4.0212  | -        | 7470A  | PPB   | 24 Mar 2025 09:51:16 | U    | SMPL |
| CCV52 - 1       | CCV52             | 21547  | 4.7053  | -        | 7470A  | PPB   | 24 Mar 2025 09:53:36 | U    | SMPL |
| CCB52 - 1       | CCB52             | -336   | -0.0594 | -        | 7470A  | PPB   | 24 Mar 2025 09:55:55 | U    | SMPL |
| PB167233TB - 1  | PB167233TB        | -16    | 0.0103  | -        | 7470A  | PPB   | 24 Mar 2025 09:58:13 | U    | SMPL |
| Q1619-14LX5 - 1 |                   | 21     | 0.0183  | -        | 7470A  | PPB   | 24 Mar 2025 10:00:28 | U    | SMPL |
| Q1619-14A - 1   |                   | 16981  | 3.7111  | -        | 7470A  | PPB   | 24 Mar 2025 10:02:44 | U    | SMPL |
| Q1618-02LX5 - 1 |                   | 105    | 0.0366  | -        | 7470A  | PPB   | 24 Mar 2025 10:04:59 | U    | SMPL |
| Q1618-02A - 1   |                   | 18393  | 4.0186  | -        | 7470A  | PPB   | 24 Mar 2025 10:07:16 | U    | SMPL |
| CCV53 - 1       | CCV53             | 21969  | 4.7972  | -        | 7470A  | PPB   | 24 Mar 2025 10:09:33 | U    | SMPL |
| CCB53 - 1       | CCB53             | -333   | -0.0588 | -        | 7470A  | PPB   | 24 Mar 2025 10:11:52 | U    | SMPL |

**SOP ID :** M3010A-Digestion-17  
**SDG No :** N/A  
**Matrix :** WATER  
**Pipette ID:** ICP A  
**Balance ID :** N/A  
**Filter paper ID :** N/A  
**pH Strip ID :** N/A  
**Hood ID :** #3  
**Block ID:** 1. HOT BLOCK #1 2. N/A

**Start Digest Date:** 03/21/2025 **Time :** 12:05 **Temp :** 96 °C  
**End Digest Date:** 03/21/2025 **Time :** 15:10 **Temp :** 96 °C  
**Digestion tube ID:** M5595  
**Block thermometer ID:** MET-DIG. #1  
**Dig Technician Signature:** *SLG*  
**Supervisor Signature:** *[Signature]*  
**Temp :** 1. 96°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LFS-1             | 0.25     | M6003               |
| LFS-2             | 0.25     | M6012               |
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| Conc. HNO3    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP84720    |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK # 1 CELL 50 Temp :96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 03/21/25 16:10 | SLG. met dig.                           | <i>[Signature]</i>   |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID  | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|-------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB167233TB    | PB167233TB        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB167260BL    | PBW260            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 2        |
| PB167260BS    | LCS260            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6003,M6012 | 3        |
| Q1605-02      | DRUM-SOIL-CUTTING | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 4        |
| Q1606-02      | CHRT24743         | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 5        |
| Q1606-04      | RBR251346         | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 6        |
| Q1606-06      | RT4534            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 7        |
| Q1606-08      | RT3025            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 8        |
| Q1606-10      | CHRT28607         | <2 | 5                | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 9        |
| Q1609-03      | WC-SCRN-01-C      | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 10       |
| Q1610-03      | SOIL-PILE         | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 11       |
| Q1619-02      | CONCRETE-1        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 12       |
| Q1619-04      | CONCRETE-2        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 13       |
| Q1619-06      | TP-1              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 14       |
| Q1619-08      | TP-2              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 15       |
| Q1619-10      | TP-3              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 16       |
| Q1619-12      | TP-4              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 17       |
| Q1619-14      | TP-5              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 18       |
| Q1619-14MS    | TP-5MS            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6003,M6012 | 20       |
| Q1619-14MSD   | TP-5MSD           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6003,M6012 | 21       |
| Q1619-14DUP   | TP-5DUP           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 19       |



## TCLP EXTRACTION LOGPAGE

PB167233

| Sample ID  | ClientID          | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB167233TB | LEB233            | 16             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.0                     | T-2      |
| Q1605-02   | DRUM-SOIL-CUTTING | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| Q1606-02   | CHRT24743         | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.5                     | T-1      |
| Q1606-04   | RBR251346         | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1      |
| Q1606-06   | RT4534            | 04             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| Q1606-08   | RT3025            | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.0                     | T-1      |
| Q1606-10   | CHRT28607         | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| Q1609-03   | WC-SCRN-01-C      | 07             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1      |
| Q1610-03   | SOIL-PILE         | 08             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.5                     | T-1      |
| Q1619-02   | CONCRETE-1        | 09             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 9.1               | 1.0                     | T-1      |
| Q1619-04   | CONCRETE-2        | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.6               | 1.5                     | T-1      |
| Q1619-06   | TP-1              | 11             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |
| Q1619-08   | TP-2              | 12             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.2               | 1.5                     | T-2      |
| Q1619-10   | TP-3              | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |
| Q1619-12   | TP-4              | 14             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.5                     | T-2      |
| Q1619-14   | TP-5              | 15             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |

**Instrument ID:** CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135144**

|                  |                                                 |
|------------------|-------------------------------------------------|
| Review By        | Review On                                       |
| Supervise By     | Supervise On                                    |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |
| ICAL Standard    | MP84947,MP84949,MP84950,MP84951,MP84952,MP84953 |
| ICV Standard     | MP84954                                         |
| CCV Standard     | MP84956                                         |
| ICSA Standard    |                                                 |
| CRI Standard     | MP84958                                         |
| LCS Standard     |                                                 |
| Chk Standard     | MP84955,MP84957,MP84959,MP84978                 |

| Sr# | SampleId   | ClientID         | QcType   | Date           | Comment | Operator | Status |
|-----|------------|------------------|----------|----------------|---------|----------|--------|
| 1   | S0         | S0               | CAL1     | 03/24/25 08:11 |         | Mohan    | OK     |
| 2   | S0.2       | S0.2             | CAL2     | 03/24/25 08:14 |         | Mohan    | OK     |
| 3   | S2.5       | S2.5             | CAL3     | 03/24/25 08:16 |         | Mohan    | OK     |
| 4   | S5         | S5               | CAL4     | 03/24/25 08:18 |         | Mohan    | OK     |
| 5   | S7.5       | S7.5             | CAL5     | 03/24/25 08:20 |         | Mohan    | OK     |
| 6   | S10        | S10              | CAL6     | 03/24/25 08:23 |         | Mohan    | OK     |
| 7   | ICV57      | ICV57            | ICV      | 03/24/25 08:25 |         | Mohan    | OK     |
| 8   | ICB57      | ICB57            | ICB      | 03/24/25 08:28 |         | Mohan    | OK     |
| 9   | CCV49      | CCV49            | CCV      | 03/24/25 08:30 |         | Mohan    | OK     |
| 10  | CCB49      | CCB49            | CCB      | 03/24/25 08:32 |         | Mohan    | OK     |
| 11  | CRA        | CRA              | CRDL     | 03/24/25 08:35 |         | Mohan    | OK     |
| 12  | HighStd    | HighStd          | HIGH STD | 03/24/25 08:37 |         | Mohan    | OK     |
| 13  | ChkStd     | ChkStd           | SAM      | 03/24/25 08:39 |         | Mohan    | OK     |
| 14  | PB167263BL | PB167263BL       | MB       | 03/24/25 08:41 |         | Mohan    | OK     |
| 15  | PB167263BS | PB167263BS       | LCS      | 03/24/25 08:47 |         | Mohan    | OK     |
| 16  | Q1605-02   | DRUM-SOIL-CUTTIN | SAM      | 03/24/25 08:49 |         | Mohan    | OK     |
| 17  | Q1606-02   | CHRT24743        | SAM      | 03/24/25 08:52 |         | Mohan    | OK     |
| 18  | Q1606-04   | RBR251346        | SAM      | 03/24/25 08:54 |         | Mohan    | OK     |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135144**

|                  |                                                 |
|------------------|-------------------------------------------------|
| Review By        | Review On                                       |
| Supervise By     | Supervise On                                    |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |
| ICAL Standard    | MP84947,MP84949,MP84950,MP84951,MP84952,MP84953 |
| ICV Standard     | MP84954                                         |
| CCV Standard     | MP84956                                         |
| ICSA Standard    |                                                 |
| CRI Standard     | MP84958                                         |
| LCS Standard     |                                                 |
| Chk Standard     | MP84955,MP84957,MP84959,MP84978                 |

|    |             |              |     |                |  |       |    |
|----|-------------|--------------|-----|----------------|--|-------|----|
| 19 | Q1606-06    | RT4534       | SAM | 03/24/25 08:56 |  | Mohan | OK |
| 20 | Q1606-08    | RT3025       | SAM | 03/24/25 08:58 |  | Mohan | OK |
| 21 | CCV50       | CCV50        | CCV | 03/24/25 09:01 |  | Mohan | OK |
| 22 | CCB50       | CCB50        | CCB | 03/24/25 09:03 |  | Mohan | OK |
| 23 | Q1606-10    | CHRT28607    | SAM | 03/24/25 09:05 |  | Mohan | OK |
| 24 | Q1609-03    | WC-SCRN-01-C | SAM | 03/24/25 09:08 |  | Mohan | OK |
| 25 | Q1610-03    | SOIL-PILE    | SAM | 03/24/25 09:10 |  | Mohan | OK |
| 26 | Q1619-06    | TP-1         | SAM | 03/24/25 09:12 |  | Mohan | OK |
| 27 | Q1619-08    | TP-2         | SAM | 03/24/25 09:14 |  | Mohan | OK |
| 28 | Q1619-10    | TP-3         | SAM | 03/24/25 09:17 |  | Mohan | OK |
| 29 | Q1619-12    | TP-4         | SAM | 03/24/25 09:19 |  | Mohan | OK |
| 30 | Q1619-14    | TP-5         | SAM | 03/24/25 09:21 |  | Mohan | OK |
| 31 | Q1619-14DUP | TP-5DUP      | DUP | 03/24/25 09:23 |  | Mohan | OK |
| 32 | Q1619-14MS  | TP-5MS       | MS  | 03/24/25 09:26 |  | Mohan | OK |
| 33 | CCV51       | CCV51        | CCV | 03/24/25 09:28 |  | Mohan | OK |
| 34 | CCB51       | CCB51        | CCB | 03/24/25 09:30 |  | Mohan | OK |
| 35 | Q1619-14MSD | TP-5MSD      | MSD | 03/24/25 09:33 |  | Mohan | OK |
| 36 | PB167268BL  | PB167268BL   | MB  | 03/24/25 09:35 |  | Mohan | OK |
| 37 | PB167268BS  | PB167268BS   | LCS | 03/24/25 09:37 |  | Mohan | OK |
| 38 | Q1606-11    | N48965       | SAM | 03/24/25 09:39 |  | Mohan | OK |

Instrument ID: CV1

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135144**

|                  |                                                 |
|------------------|-------------------------------------------------|
| Review By        | Review On                                       |
| Supervise By     | Supervise On                                    |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |
| ICAL Standard    | MP84947,MP84949,MP84950,MP84951,MP84952,MP84953 |
| ICV Standard     | MP84954                                         |
| CCV Standard     | MP84956                                         |
| ICSA Standard    |                                                 |
| CRI Standard     | MP84958                                         |
| LCS Standard     |                                                 |
| Chk Standard     | MP84955,MP84957,MP84959,MP84978                 |

|    |             |                  |     |                |  |       |    |
|----|-------------|------------------|-----|----------------|--|-------|----|
| 39 | Q1618-01    | TP20250320-01    | SAM | 03/24/25 09:42 |  | Mohan | OK |
| 40 | Q1618-02    | TP20250320-02    | SAM | 03/24/25 09:44 |  | Mohan | OK |
| 41 | Q1618-02DUP | TP20250320-02DUP | DUP | 03/24/25 09:46 |  | Mohan | OK |
| 42 | Q1618-02MS  | TP20250320-02MS  | MS  | 03/24/25 09:48 |  | Mohan | OK |
| 43 | Q1618-02MSD | TP20250320-02MSD | MSD | 03/24/25 09:51 |  | Mohan | OK |
| 44 | CCV52       | CCV52            | CCV | 03/24/25 09:53 |  | Mohan | OK |
| 45 | CCB52       | CCB52            | CCB | 03/24/25 09:55 |  | Mohan | OK |
| 46 | PB167233TB  | PB167233TB       | MB  | 03/24/25 09:58 |  | Mohan | OK |
| 47 | Q1619-14L   | TP-5L            | SD  | 03/24/25 10:00 |  | Mohan | OK |
| 48 | Q1619-14A   | TP-5A            | PS  | 03/24/25 10:02 |  | Mohan | OK |
| 49 | Q1618-02L   | TP20250320-02L   | SD  | 03/24/25 10:04 |  | Mohan | OK |
| 50 | Q1618-02A   | TP20250320-02A   | PS  | 03/24/25 10:07 |  | Mohan | OK |
| 51 | CCV53       | CCV53            | CCV | 03/24/25 10:09 |  | Mohan | OK |
| 52 | CCB53       | CCB53            | CCB | 03/24/25 10:11 |  | Mohan | OK |

**Instrument ID:** P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | kareem                                          | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By     | JANVI                                           | Supervise On | 3/26/2025 10:13:54 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |              |                       |
| ICV Standard     | MP84643                                         |              |                       |
| CCV Standard     | MP84646                                         |              |                       |
| ICSA Standard    | MP84644,MP84721                                 |              |                       |
| CRI Standard     | MP84846                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP84649,MP84650                                 |              |                       |

| Sr# | SampleId | ClientID          | QcType | Date           | Comment                    | Operator | Status |
|-----|----------|-------------------|--------|----------------|----------------------------|----------|--------|
| 1   | S0       | S0                | CAL1   | 03/24/25 10:01 |                            | Kareem   | OK     |
| 2   | S1       | S1                | CAL2   | 03/24/25 10:05 |                            | Kareem   | OK     |
| 3   | S2       | S2                | CAL3   | 03/24/25 10:10 |                            | Kareem   | OK     |
| 4   | S3       | S3                | CAL4   | 03/24/25 10:14 |                            | Kareem   | OK     |
| 5   | S4       | S4                | CAL5   | 03/24/25 10:18 |                            | Kareem   | OK     |
| 6   | S5       | S5                | CAL6   | 03/24/25 10:22 |                            | Kareem   | OK     |
| 7   | ICV01    | ICV01             | ICV    | 03/24/25 10:33 | ICV fail for Ba,Na (200.7) | Kareem   | OK     |
| 8   | LLICV01  | LLICV01           | LLICV  | 03/24/25 10:45 |                            | Kareem   | OK     |
| 9   | ICB01    | ICB01             | ICB    | 03/24/25 10:49 |                            | Kareem   | OK     |
| 10  | CRI01    | CRI01             | CRDL   | 03/24/25 10:54 |                            | Kareem   | OK     |
| 11  | ICSA01   | ICSA01            | ICSA   | 03/24/25 10:58 |                            | Kareem   | OK     |
| 12  | ICSAB01  | ICSAB01           | ICSAB  | 03/24/25 11:02 |                            | Kareem   | OK     |
| 13  | ICSADL   | ICSADL            | ICSA   | 03/24/25 11:13 |                            | Kareem   | OK     |
| 14  | ICSABDL  | ICSABDL           | ICSAB  | 03/24/25 11:17 |                            | Kareem   | OK     |
| 15  | CCV01    | CCV01             | CCV    | 03/24/25 11:21 |                            | Kareem   | OK     |
| 16  | CCB01    | CCB01             | CCB    | 03/24/25 11:26 |                            | Kareem   | OK     |
| 17  | Q1628-01 | 001-WILLETS-PT-BL | SAM    | 03/24/25 11:30 |                            | Kareem   | OK     |
| 18  | Q1628-02 | 002-35TH-AVE(MAR) | SAM    | 03/24/25 11:35 |                            | Kareem   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 10:13:54 AM |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |             |                  |     |                |                                                         |        |          |
|----|-------------|------------------|-----|----------------|---------------------------------------------------------|--------|----------|
| 19 | Q1605-02    | DRUM-SOIL-CUTTIN | SAM | 03/24/25 11:39 |                                                         | Kareem | OK       |
| 20 | Q1583-02    | EFF-WASTE WATER  | SAM | 03/24/25 11:43 |                                                         | Kareem | OK       |
| 21 | Q1583-02DUP | EFF-WASTE WATER  | DUP | 03/24/25 11:48 |                                                         | Kareem | OK       |
| 22 | Q1583-02L   | EFF-WASTE WATER  | SD  | 03/24/25 11:52 |                                                         | Kareem | OK       |
| 23 | Q1583-02MS  | EFF-WASTE WATER  | MS  | 03/24/25 11:56 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 24 | Q1583-02MSD | EFF-WASTE WATER  | MSD | 03/24/25 12:00 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 25 | Q1583-02A   | EFF-WASTE WATER  | PS  | 03/24/25 12:04 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 26 | PB167178BL  | PB167178BL       | MB  | 03/24/25 12:08 |                                                         | Kareem | OK       |
| 27 | CCV02       | CCV02            | CCV | 03/24/25 12:12 |                                                         | Kareem | OK       |
| 28 | CCB02       | CCB02            | CCB | 03/24/25 12:17 |                                                         | Kareem | OK       |
| 29 | PB167178BS  | PB167178BS       | LCS | 03/24/25 12:21 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 30 | Q1576-01    | MW14             | SAM | 03/24/25 12:27 | As high                                                 | Kareem | Dilution |
| 31 | Q1576-01DUP | MW14DUP          | DUP | 03/24/25 12:32 | As high                                                 | Kareem | Dilution |
| 32 | Q1576-01L   | MW14L            | SD  | 03/24/25 12:36 | As high                                                 | Kareem | Dilution |
| 33 | Q1576-01MS  | MW14MS           | MS  | 03/24/25 12:40 | As high                                                 | Kareem | Dilution |
| 34 | Q1576-01MSD | MW14MSD          | MSD | 03/24/25 12:45 | As high                                                 | Kareem | Dilution |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | kareem                                          | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By     | JANVI                                           | Supervise On | 3/26/2025 10:13:54 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |              |                       |
| ICV Standard     | MP84643                                         |              |                       |
| CCV Standard     | MP84646                                         |              |                       |
| ICSA Standard    | MP84644,MP84721                                 |              |                       |
| CRI Standard     | MP84846                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP84649,MP84650                                 |              |                       |

|    |             |                  |     |                |                                                         |        |    |
|----|-------------|------------------|-----|----------------|---------------------------------------------------------|--------|----|
| 35 | Q1576-01A   | MW14A            | PS  | 03/24/25 12:49 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 36 | Q1595-02    | SPRING-2025      | SAM | 03/24/25 12:53 |                                                         | Kareem | OK |
| 37 | Q1595-02DUP | SPRING-2025DUP   | DUP | 03/24/25 12:58 |                                                         | Kareem | OK |
| 38 | Q1595-02L   | SPRING-2025L     | SD  | 03/24/25 13:02 |                                                         | Kareem | OK |
| 39 | CCV03       | CCV03            | CCV | 03/24/25 13:07 |                                                         | Kareem | OK |
| 40 | CCB03       | CCB03            | CCB | 03/24/25 13:11 |                                                         | Kareem | OK |
| 41 | Q1595-02MS  | SPRING-2025MS    | MS  | 03/24/25 13:15 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 42 | Q1595-02MSD | SPRING-2025MSD   | MSD | 03/24/25 13:20 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 43 | Q1595-02A   | SPRING-2025A     | PS  | 03/24/25 13:24 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 44 | PB167266BL  | PB167266BL       | MB  | 03/24/25 13:28 |                                                         | Kareem | OK |
| 45 | PB167266BS  | PB167266BS       | LCS | 03/24/25 13:32 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 46 | Q1618-01    | TP20250320-01    | SAM | 03/24/25 13:36 |                                                         | Kareem | OK |
| 47 | Q1618-01DUP | TP20250320-01DUP | DUP | 03/24/25 13:41 |                                                         | Kareem | OK |
| 48 | Q1618-01L   | TP20250320-01L   | SD  | 03/24/25 13:45 |                                                         | Kareem | OK |
| 49 | Q1618-01MS  | TP20250320-01MS  | MS  | 03/24/25 13:49 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 10:13:54 AM |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |             |                  |     |                |                                                         |        |    |
|----|-------------|------------------|-----|----------------|---------------------------------------------------------|--------|----|
| 50 | Q1618-01MSD | TP20250320-01MSD | MSD | 03/24/25 13:54 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 51 | CCV04       | CCV04            | CCV | 03/24/25 14:06 |                                                         | Kareem | OK |
| 52 | CCB04       | CCB04            | CCB | 03/24/25 14:11 |                                                         | Kareem | OK |
| 53 | Q1618-01A   | TP20250320-01A   | PS  | 03/24/25 14:16 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 54 | Q1618-02    | TP20250320-02    | SAM | 03/24/25 14:20 |                                                         | Kareem | OK |
| 55 | PB167258BL  | PB167258BL       | MB  | 03/24/25 14:24 |                                                         | Kareem | OK |
| 56 | PB167258BS  | PB167258BS       | LCS | 03/24/25 14:29 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 57 | PB167233TB  | PB167233TB       | MB  | 03/24/25 14:33 |                                                         | Kareem | OK |
| 58 | Q1606-02    | CHRT24743        | SAM | 03/24/25 14:37 |                                                         | Kareem | OK |
| 59 | Q1606-04    | RBR251346        | SAM | 03/24/25 14:41 |                                                         | Kareem | OK |
| 60 | Q1606-06    | RT4534           | SAM | 03/24/25 14:46 |                                                         | Kareem | OK |
| 61 | Q1606-08    | RT3025           | SAM | 03/24/25 14:50 |                                                         | Kareem | OK |
| 62 | Q1606-10    | CHRT28607        | SAM | 03/24/25 14:55 |                                                         | Kareem | OK |
| 63 | CCV05       | CCV05            | CCV | 03/24/25 15:30 |                                                         | Kareem | OK |
| 64 | CCB05       | CCB05            | CCB | 03/24/25 15:34 |                                                         | Kareem | OK |
| 65 | Q1610-03    | SOIL-PILE        | SAM | 03/24/25 15:43 |                                                         | Kareem | OK |
| 66 | Q1609-03    | WC-SCRN-01-C     | SAM | 03/24/25 15:53 |                                                         | Kareem | OK |



Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 10:13:54 AM |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |               |                 |     |                |                                                         |        |          |
|----|---------------|-----------------|-----|----------------|---------------------------------------------------------|--------|----------|
| 67 | Q1619-02      | CONCRETE-1      | SAM | 03/24/25 15:57 |                                                         | Kareem | OK       |
| 68 | Q1619-04      | CONCRETE-2      | SAM | 03/24/25 16:02 |                                                         | Kareem | OK       |
| 69 | Q1619-06      | TP-1            | SAM | 03/24/25 16:06 |                                                         | Kareem | OK       |
| 70 | Q1619-08      | TP-2            | SAM | 03/24/25 16:11 |                                                         | Kareem | OK       |
| 71 | Q1576-01DL    | MW14DL          | SAM | 03/24/25 16:15 | 10x for As                                              | Kareem | Confirms |
| 72 | Q1576-01DUPDL | MW14DUPDL       | DUP | 03/24/25 16:19 | 10x for As                                              | Kareem | Confirms |
| 73 | Q1576-01LDL   | MW14LDL         | SD  | 03/24/25 16:23 | 50x for As                                              | Kareem | Confirms |
| 74 | Q1576-01MSDL  | MW14MSDL        | MS  | 03/24/25 16:28 | 10x for As                                              | Kareem | Confirms |
| 75 | CCV06         | CCV06           | CCV | 03/24/25 16:39 |                                                         | Kareem | OK       |
| 76 | CCB06         | CCB06           | CCB | 03/24/25 16:43 |                                                         | Kareem | OK       |
| 77 | Q1576-01MSDDL | MW14MSDDL       | MSD | 03/24/25 16:47 | 10x for As                                              | Kareem | Confirms |
| 78 | Q1576-01ADL   | MW14ADL         | PS  | 03/24/25 16:52 | Not Required                                            | Kareem | Not Ok   |
| 79 | Q1611-01      | RBR200030       | SAM | 03/24/25 16:56 |                                                         | Kareem | OK       |
| 80 | Q1614-01      | TR-04-032025    | SAM | 03/24/25 17:00 |                                                         | Kareem | OK       |
| 81 | Q1614-01DUP   | TR-04-032025DUP | DUP | 03/24/25 17:04 |                                                         | Kareem | OK       |
| 82 | Q1614-01L     | TR-04-032025L   | SD  | 03/24/25 17:08 |                                                         | Kareem | OK       |
| 83 | Q1614-01MS    | TR-04-032025MS  | MS  | 03/24/25 17:13 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 84 | Q1614-01MSD   | TR-04-032025MSD | MSD | 03/24/25 17:17 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135158**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | kareem                                          | Review On    | 3/25/2025 10:56:33 AM |
| Supervise By     | JANVI                                           | Supervise On | 3/26/2025 10:13:54 AM |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |              |                       |
| ICV Standard     | MP84643                                         |              |                       |
| CCV Standard     | MP84646                                         |              |                       |
| ICSA Standard    | MP84644,MP84721                                 |              |                       |
| CRI Standard     | MP84846                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP84649,MP84650                                 |              |                       |

|    |           |               |          |                |                                                         |        |    |
|----|-----------|---------------|----------|----------------|---------------------------------------------------------|--------|----|
| 85 | Q1614-01A | TR-04-032025A | PS       | 03/24/25 17:21 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 86 | Q1619-10  | TP-3          | SAM      | 03/24/25 17:25 |                                                         | Kareem | OK |
| 87 | CCV07     | CCV07         | CCV      | 03/24/25 17:29 |                                                         | Kareem | OK |
| 88 | CCB07     | CCB07         | CCB      | 03/24/25 17:33 |                                                         | Kareem | OK |
| 89 | LR1       | LR1           | HIGH STD | 03/24/25 17:38 |                                                         | Kareem | OK |
| 90 | LR2       | LR2           | HIGH STD | 03/24/25 17:52 |                                                         | Kareem | OK |
| 91 | CCV08     | CCV08         | CCV      | 03/24/25 18:01 |                                                         | Kareem | OK |
| 92 | CCB08     | CCB08         | CCB      | 03/24/25 18:08 |                                                         | Kareem | OK |

**Instrument ID:** P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 4:27:30 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

| Sr# | SampleId    | ClientID | QcType | Date           | Comment | Operator | Status |
|-----|-------------|----------|--------|----------------|---------|----------|--------|
| 1   | S0          | S0       | CAL1   | 03/25/25 09:38 |         | Kareem   | OK     |
| 2   | S1          | S1       | CAL2   | 03/25/25 09:42 |         | Kareem   | OK     |
| 3   | S2          | S2       | CAL3   | 03/25/25 09:46 |         | Kareem   | OK     |
| 4   | S3          | S3       | CAL4   | 03/25/25 09:50 |         | Kareem   | OK     |
| 5   | S4          | S4       | CAL5   | 03/25/25 09:54 |         | Kareem   | OK     |
| 6   | S5          | S5       | CAL6   | 03/25/25 09:59 |         | Kareem   | OK     |
| 7   | ICV01       | ICV01    | ICV    | 03/25/25 10:03 |         | Kareem   | OK     |
| 8   | LLICV01     | LLICV01  | LLICV  | 03/25/25 10:14 |         | Kareem   | OK     |
| 9   | ICB01       | ICB01    | ICB    | 03/25/25 10:18 |         | Kareem   | OK     |
| 10  | CRI01       | CRI01    | CRDL   | 03/25/25 10:22 |         | Kareem   | OK     |
| 11  | ICSA01      | ICSA01   | ICSA   | 03/25/25 10:27 |         | Kareem   | OK     |
| 12  | ICSAB01     | ICSAB01  | ICSAB  | 03/25/25 10:31 |         | Kareem   | OK     |
| 13  | CCV01       | CCV01    | CCV    | 03/25/25 10:35 |         | Kareem   | OK     |
| 14  | CCB01       | CCB01    | CCB    | 03/25/25 10:40 |         | Kareem   | OK     |
| 15  | Q1619-12    | TP-4     | SAM    | 03/25/25 10:44 |         | Kareem   | OK     |
| 16  | Q1619-14    | TP-5     | SAM    | 03/25/25 10:48 |         | Kareem   | OK     |
| 17  | Q1619-14DUP | TP-5DUP  | DUP    | 03/25/25 10:53 |         | Kareem   | OK     |
| 18  | Q1619-14L   | TP-5L    | SD     | 03/25/25 10:57 |         | Kareem   | OK     |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | kareem                                          | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By     | JANVI                                           | Supervise On | 3/26/2025 4:27:30 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |              |                       |
| ICV Standard     | MP84643                                         |              |                       |
| CCV Standard     | MP84646                                         |              |                       |
| ICSA Standard    | MP84644,MP84721                                 |              |                       |
| CRI Standard     | MP84846                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP84649,MP84650                                 |              |                       |

|    |             |                  |     |                |                                                         |        |    |
|----|-------------|------------------|-----|----------------|---------------------------------------------------------|--------|----|
| 19 | Q1619-14MS  | TP-5MS           | MS  | 03/25/25 11:01 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 20 | Q1619-14MSD | TP-5MSD          | MSD | 03/25/25 11:06 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 21 | Q1619-14A   | TP-5A            | PS  | 03/25/25 11:10 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 22 | PB167260BL  | PB167260BL       | MB  | 03/25/25 11:14 |                                                         | Kareem | OK |
| 23 | PB167260BS  | PB167260BS       | LCS | 03/25/25 11:18 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 24 | Q1625-01    | FRAC-TANK-A1291  | SAM | 03/25/25 11:22 |                                                         | Kareem | OK |
| 25 | CCV02       | CCV02            | CCV | 03/25/25 11:27 |                                                         | Kareem | OK |
| 26 | CCB02       | CCB02            | CCB | 03/25/25 11:31 |                                                         | Kareem | OK |
| 27 | Q1625-01DUP | FRAC-TANK-A1291D | DUP | 03/25/25 11:35 |                                                         | Kareem | OK |
| 28 | Q1625-01L   | FRAC-TANK-A1291L | SD  | 03/25/25 11:40 |                                                         | Kareem | OK |
| 29 | Q1625-01MS  | FRAC-TANK-A1291M | MS  | 03/25/25 11:44 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 30 | Q1625-01MSD | FRAC-TANK-A1291M | MSD | 03/25/25 11:49 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 31 | Q1625-01A   | FRAC-TANK-A1291A | PS  | 03/25/25 11:53 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 32 | PB167273BL  | PB167273BL       | MB  | 03/25/25 11:58 |                                                         | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 4:27:30 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |             |                   |     |                |                                                         |        |          |
|----|-------------|-------------------|-----|----------------|---------------------------------------------------------|--------|----------|
| 33 | PB167273BS  | PB167273BS        | LCS | 03/25/25 12:02 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 34 | Q1610-02    | SOIL-PILE         | SAM | 03/25/25 12:06 |                                                         | Kareem | OK       |
| 35 | Q1619-01    | CONCRETE-1        | SAM | 03/25/25 12:10 |                                                         | Kareem | OK       |
| 36 | Q1619-03    | CONCRETE-2        | SAM | 03/25/25 12:15 |                                                         | Kareem | OK       |
| 37 | CCV03       | CCV03             | CCV | 03/25/25 12:29 |                                                         | Kareem | OK       |
| 38 | CCB03       | CCB03             | CCB | 03/25/25 12:33 |                                                         | Kareem | OK       |
| 39 | Q1619-05    | TP-1              | SAM | 03/25/25 12:38 | Cr high                                                 | Kareem | Dilution |
| 40 | Q1619-07    | TP-2              | SAM | 03/25/25 12:42 |                                                         | Kareem | OK       |
| 41 | Q1619-09    | TP-3              | SAM | 03/25/25 12:46 | Cr high                                                 | Kareem | Dilution |
| 42 | Q1619-11    | TP-4              | SAM | 03/25/25 12:50 | Cr high                                                 | Kareem | Dilution |
| 43 | Q1619-13    | TP-5              | SAM | 03/25/25 12:54 |                                                         | Kareem | OK       |
| 44 | PB167257BL  | PB167257BL        | MB  | 03/25/25 12:59 |                                                         | Kareem | OK       |
| 45 | PB167257BS  | PB167257BS        | LCS | 03/25/25 13:03 |                                                         | Kareem | OK       |
| 46 | Q1624-01    | OK-01-03212025    | SAM | 03/25/25 13:07 |                                                         | Kareem | OK       |
| 47 | Q1624-01DUP | OK-01-03212025DUP | DUP | 03/25/25 13:11 |                                                         | Kareem | OK       |
| 48 | Q1624-01L   | OK-01-03212025L   | SD  | 03/25/25 13:15 |                                                         | Kareem | OK       |
| 49 | CCV04       | CCV04             | CCV | 03/25/25 13:33 |                                                         | Kareem | OK       |
| 50 | CCB04       | CCB04             | CCB | 03/25/25 13:42 |                                                         | Kareem | OK       |
|    |             |                   |     |                |                                                         |        |          |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 4:27:30 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |             |                   |     |                |                                                         |        |          |
|----|-------------|-------------------|-----|----------------|---------------------------------------------------------|--------|----------|
| 51 | Q1624-01MS  | OK-01-03212025MS  | MS  | 03/25/25 13:46 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 52 | Q1624-01MSD | OK-01-03212025MSD | MSD | 03/25/25 13:50 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 53 | Q1624-01A   | OK-01-03212025A   | PS  | 03/25/25 13:54 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 54 | Q1619-05DL  | TP-1DL            | SAM | 03/25/25 13:58 | 10x for Cr                                              | Kareem | Confirms |
| 55 | Q1626-01    | CO-32-1           | SAM | 03/25/25 14:02 |                                                         | Kareem | OK       |
| 56 | Q1630-01    | VNJ-206           | SAM | 03/25/25 14:11 |                                                         | Kareem | OK       |
| 57 | PB167267BL  | PB167267BL        | MB  | 03/25/25 14:15 |                                                         | Kareem | OK       |
| 58 | PB167267BS  | PB167267BS        | LCS | 03/25/25 14:20 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 59 | Q1619-09DL  | TP-3DL            | SAM | 03/25/25 14:24 | 25x for Cr                                              | Kareem | Confirms |
| 60 | Q1619-11DL  | TP-4DL            | SAM | 03/25/25 14:28 | 10x for Cr                                              | Kareem | Confirms |
| 61 | CCV05       | CCV05             | CCV | 03/25/25 14:38 |                                                         | Kareem | OK       |
| 62 | CCB05       | CCB05             | CCB | 03/25/25 14:48 |                                                         | Kareem | OK       |
| 63 | PB167161BL  | PB167161BL        | MB  | 03/25/25 14:52 |                                                         | Kareem | OK       |
| 64 | PB167133TB  | PB167133TB        | MB  | 03/25/25 15:00 |                                                         | Kareem | OK       |
| 65 | PB167161BS  | PB167161BS        | LCS | 03/25/25 15:12 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK       |
| 66 | Q1631-01    | 364               | SAM | 03/25/25 15:16 |                                                         | Kareem | OK       |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|              |        |              |                       |
|--------------|--------|--------------|-----------------------|
| Review By    | kareem | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By | JANVI  | Supervise On | 3/26/2025 4:27:30 PM  |

| STD. NAME     | STD REF.#                                       |
|---------------|-------------------------------------------------|
| ICAL Standard | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |
| ICV Standard  | MP84643                                         |
| CCV Standard  | MP84646                                         |
| ICSA Standard | MP84644,MP84721                                 |
| CRI Standard  | MP84846                                         |
| LCS Standard  |                                                 |
| Chk Standard  | MP84649,MP84650                                 |

|    |             |              |     |                |                                                         |        |    |
|----|-------------|--------------|-----|----------------|---------------------------------------------------------|--------|----|
| 67 | Q1631-04    | 359          | SAM | 03/25/25 15:21 |                                                         | Kareem | OK |
| 68 | Q1634-01    | HR-01-032425 | SAM | 03/25/25 15:25 |                                                         | Kareem | OK |
| 69 | Q1634-03    | HR-04-032425 | SAM | 03/25/25 15:29 |                                                         | Kareem | OK |
| 70 | Q1635-01    | TP-2         | SAM | 03/25/25 15:33 |                                                         | Kareem | OK |
| 71 | Q1635-01DUP | TP-2DUP      | DUP | 03/25/25 15:37 |                                                         | Kareem | OK |
| 72 | Q1635-01L   | TP-2L        | SD  | 03/25/25 15:42 |                                                         | Kareem | OK |
| 73 | CCV06       | CCV06        | CCV | 03/25/25 15:46 |                                                         | Kareem | OK |
| 74 | CCB06       | CCB06        | CCB | 03/25/25 15:50 |                                                         | Kareem | OK |
| 75 | Q1635-01MS  | TP-2MS       | MS  | 03/25/25 15:54 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 76 | Q1635-01MSD | TP-2MSD      | MSD | 03/25/25 15:58 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 77 | Q1635-01A   | TP-2A        | PS  | 03/25/25 16:07 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 78 | PB167296BL  | PB167296BL   | MB  | 03/25/25 16:11 |                                                         | Kareem | OK |
| 79 | PB167296BS  | PB167296BS   | LCS | 03/25/25 16:15 | 0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE | Kareem | OK |
| 80 | Q1636-01    | WC-1         | SAM | 03/25/25 16:19 |                                                         | Kareem | OK |
| 81 | Q1636-05    | WC-2         | SAM | 03/25/25 16:23 |                                                         | Kareem | OK |
| 82 | Q1636-13    | WC-4         | SAM | 03/25/25 16:27 |                                                         | Kareem | OK |

Instrument ID: P4

**Daily Analysis Runlog For Sequence/QC Batch ID # LB135182**

|                  |                                                 |              |                       |
|------------------|-------------------------------------------------|--------------|-----------------------|
| Review By        | kareem                                          | Review On    | 3/26/2025 10:50:02 AM |
| Supervise By     | JANVI                                           | Supervise On | 3/26/2025 4:27:30 PM  |
| <b>STD. NAME</b> | <b>STD REF.#</b>                                |              |                       |
| ICAL Standard    | MP84636,MP84637,MP84638,MP84639,MP84640,MP84846 |              |                       |
| ICV Standard     | MP84643                                         |              |                       |
| CCV Standard     | MP84646                                         |              |                       |
| ICSA Standard    | MP84644,MP84721                                 |              |                       |
| CRI Standard     | MP84846                                         |              |                       |
| LCS Standard     |                                                 |              |                       |
| Chk Standard     | MP84649,MP84650                                 |              |                       |

|    |          |       |          |                |  |        |    |
|----|----------|-------|----------|----------------|--|--------|----|
| 83 | Q1636-17 | WC-5  | SAM      | 03/25/25 16:31 |  | Kareem | OK |
| 84 | Q1636-09 | WC-3  | SAM      | 03/25/25 16:35 |  | Kareem | OK |
| 85 | CCV07    | CCV07 | CCV      | 03/25/25 16:40 |  | Kareem | OK |
| 86 | CCB07    | CCB07 | CCB      | 03/25/25 16:44 |  | Kareem | OK |
| 87 | LR1      | LR1   | HIGH STD | 03/25/25 16:48 |  | Kareem | OK |
| 88 | LR2      | LR2   | HIGH STD | 03/25/25 16:53 |  | Kareem | OK |
| 89 | CCV08    | CCV08 | CCV      | 03/25/25 17:01 |  | Kareem | OK |
| 90 | CCB08    | CCB08 | CCB      | 03/25/25 17:05 |  | Kareem | OK |



|                         |               |                                                         |
|-------------------------|---------------|---------------------------------------------------------|
| <b>SOP ID :</b>         | M1311-TCLP-15 |                                                         |
| <b>SDG No :</b>         | N/A           | <b>Start Prep Date :</b> 03/20/2025 <b>Time :</b> 16:35 |
| <b>Weigh By :</b>       | JP            | <b>End Prep Date :</b> 03/21/2025 <b>Time :</b> 10:30   |
| <b>Balance ID :</b>     | WC SC-7       | <b>Combination Ratio :</b> 20                           |
| <b>pH Meter ID :</b>    | WC PH METER-1 | <b>ZHE Cleaning Batch :</b> <del>N/A</del>              |
| <b>Extraction By :</b>  | JP            | <b>Initial Room Temperature:</b> 23 °C                  |
| <b>Filter By :</b>      | JP            | <b>Final Room Temperature:</b> 22 °C                    |
| <b>Pipette ID :</b>     | WC            | <b>TCLP Technician Signature :</b> JP                   |
| <b>Tumbler ID :</b>     | T-1 / T-2     | <b>Supervisor By :</b> JR                               |
| <b>TCLP Filter ID :</b> | 115525        |                                                         |

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |
| N/A               | N/A      | N/A                 |

| Chemical Used        | ML/SAMPLE U | Lot Number               |
|----------------------|-------------|--------------------------|
| TCLP-FLUID-1         | N/A         | WP110801                 |
| HCL-TCLP,1N          | N/A         | WP110803                 |
| HNO3-TCLP,1N         | N/A         | WP110804                 |
| pH Strips            | W3172.      | W1931,W1934,W3171,W3172  |
| pH Strips            | W1941,W1942 | W3166,W1938,W1939,W1940, |
| 1 Liter Amber        | N/A         | 90424-08                 |
| 120ml Plastic bottle | N/A         | 405130101                |
| 1:1 HNO3             | N/A         | MP84041                  |

**Extraction Conformance/Non-Conformance Comments:**

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Particle size reduction in not required. q1619-14 is used for MS-MSD.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 03/21/25 11:40 | JP / TCLP Room                          | 5129. JP / EXT       |
|                | Preparation Group                       | Analysis Group       |

1/Net 11/4

## TCLP EXTRACTION LOGPAGE

PB167233

| Sample ID  | ClientID          | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| PB167233TB | LEB233            | 16             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.94              | 1.0                     | T-2      |
| Q1605-02   | DRUM-SOIL-CUTTING | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.0                     | T-1      |
| Q1606-02   | CHRT24743         | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.5                     | T-1      |
| Q1606-04   | RBR251346         | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1      |
| Q1606-06   | RT4534            | 04             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| Q1606-08   | RT3025            | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.0                     | T-1      |
| Q1606-10   | CHRT28607         | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.0               | 1.5                     | T-1      |
| Q1609-03   | WC-SCRN-01-C      | 07             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.6               | 1.0                     | T-1      |
| Q1610-03   | SOIL-PILE         | 08             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 3.5               | 1.5                     | T-1      |
| Q1619-02   | CONCRETE-1        | 09             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 9.1               | 1.0                     | T-1      |
| Q1619-04   | CONCRETE-2        | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.6               | 1.5                     | T-1      |
| Q1619-06   | TP-1              | 11             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |
| Q1619-08   | TP-2              | 12             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 6.2               | 1.5                     | T-2      |
| Q1619-10   | TP-3              | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |
| Q1619-12   | TP-4              | 14             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.5                     | T-2      |
| Q1619-14   | TP-5              | 15             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.0                     | T-2      |

| SampleID   | ClientID          | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|-------------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| PB167233TB | LEB233            | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |
| Q1605-02   | DRUM-SOIL-CUTTING | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1606-02   | CHRT24743         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1606-04   | RBR251346         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1606-06   | RT4534            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1606-08   | RT3025            | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1606-10   | CHRT28607         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1609-03   | WC-SCRN-01-C      | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1610-03   | SOIL-PILE         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-02   | CONCRETE-1        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-04   | CONCRETE-2        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-06   | TP-1              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-08   | TP-2              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-10   | TP-3              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-12   | TP-4              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| Q1619-14   | TP-5              | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

| SampleID   | ClientID          | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|-------------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| PB167233TB | LEB233            | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.94                |
| Q1605-02   | DRUM-SOIL-CUTTING | 5.03              | 96.5                 | 7.0                 | 2.5                  | #1                      | 4.94                |
| Q1606-02   | CHRT24743         | 5.02              | 96.5                 | 8.0                 | 3.0                  | #1                      | 4.94                |
| Q1606-04   | RBR251346         | 5.01              | 96.5                 | 7.0                 | 2.5                  | #1                      | 4.94                |
| Q1606-06   | RT4534            | 5.02              | 96.5                 | 8.6                 | 3.0                  | #1                      | 4.94                |
| Q1606-08   | RT3025            | 5.03              | 96.5                 | 8.0                 | 3.5                  | #1                      | 4.94                |
| Q1606-10   | CHRT28607         | 5.02              | 96.5                 | 8.2                 | 3.0                  | #1                      | 4.94                |
| Q1609-03   | WC-SCRN-01-C      | 5.02              | 96.5                 | 9.0                 | 4.0                  | #1                      | 4.94                |
| Q1610-03   | SOIL-PILE         | 5.04              | 96.5                 | 6.8                 | 2.5                  | #1                      | 4.94                |
| Q1619-02   | CONCRETE-1        | 5.02              | 96.5                 | 10.0                | 4.0                  | #1                      | 4.94                |
| Q1619-04   | CONCRETE-2        | 5.03              | 96.5                 | 8.6                 | 3.0                  | #1                      | 4.94                |
| Q1619-06   | TP-1              | 5.02              | 96.5                 | 9.5                 | 4.0                  | #1                      | 4.94                |
| Q1619-08   | TP-2              | 5.03              | 96.5                 | 8.0                 | 3.5                  | #1                      | 4.94                |
| Q1619-10   | TP-3              | 5.02              | 96.5                 | 9.7                 | 4.0                  | #1                      | 4.94                |
| Q1619-12   | TP-4              | 5.01              | 96.5                 | 8.6                 | 3.5                  | #1                      | 4.94                |
| Q1619-14   | TP-5              | 5.02              | 96.5                 | 8.6                 | 3.5                  | #1                      | 4.94                |



# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

## CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1609

COC Number: 2042111

Page 1 of 2

## CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

## PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*

HARD COPY: DAYS\*

EDD 5 DAYS\*

\* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format \_\_\_\_\_

## BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

| TCLP VOCs | TCLP ICP Metals | TCLP Herb | TCLP Pest | TCLP SVOCs | TCLP pH | I/C/R | PCBs | Oil & Grease |
|-----------|-----------------|-----------|-----------|------------|---------|-------|------|--------------|
| 1         | 2               | 3         | 4         | 5          | 6       | 7     | 8    | 9            |

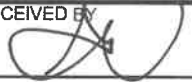
## PRESERVATIVES

## COMMENTS

← Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles | E | E | E | E | E | E | E | E | E |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 1.                       | WC-SCRN-01-G                     | Soil             |                | X    | 3/19                 | 13:30 | 1            | X |   |   |   |   |   |   |   |   |  |
| 2.                       | WC-SCRN-01-C                     | Soil             | X              |      | 3/19                 | 13:30 | 11           |   | X | X | X | X | X | X | X | 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. Jarod Stanfield | DATE/TIME<br>3/19 15:30 | RECEIVED BY<br>1.  3-20-25 0830 | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0<br><input type="checkbox"/> Ice in Cooler?: |
| RELINQUISHED BY<br>2.                         | DATE/TIME               | RECEIVED BY<br>2.                                                                                                  | Comments:                                                                                                                                                                                                   |
| RELINQUISHED BY<br>3.                         | DATE/TIME               | RECEIVED FOR LAB BY<br>3.                                                                                          | SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight<br>ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight<br>Page _____ of _____   |
|                                               |                         |                                                                                                                    | Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                               |

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

| ASTM COD | ASTM Ammonia-Nitrogen | ASTM O&G | ASTM TS | TS, TVS | pH | Paint Filter |  |  |
|----------|-----------------------|----------|---------|---------|----|--------------|--|--|
| 10       | 11                    | 12       | 13      | 14      | 15 | 16           |  |  |

## PRESERVATIVES

| E | E | E | E | E | E | E |   |   |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

## COMMENTS

<-- Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*  
HARD COPY: 5 DAYS\*  
EDD 5 DAYS\*

\* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

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- ☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format \_\_\_\_\_

CHEMTECH  
SAMPLE  
IDPROJECT  
SAMPLE IDENTIFICATIONSAMPLE  
MATRIXSAMPLE  
TYPESAMPLE  
COLLECTION

# of Bottles

COMP

GRAB

DATE

TIME

1.

WC-SCRN-01-G

Soil

X

3/19

13:30

1

2.

WC-SCRN-01-C

Soil

X

3/19

13:30

11

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  
1. Jarod Stanfield

DATE/TIME  
3/19 15:30

RECEIVED BY  
1. 3-20-25 0830

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0  
☐ Ice in Cooler?: \_\_\_\_\_

RELINQUISHED BY

DATE/TIME

RECEIVED BY

2.

2.

RELINQUISHED BY

DATE/TIME

RECEIVED FOR LAB BY

3.

3.

Page \_\_\_\_\_ of \_\_\_\_\_

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight  
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete  
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

### 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       |