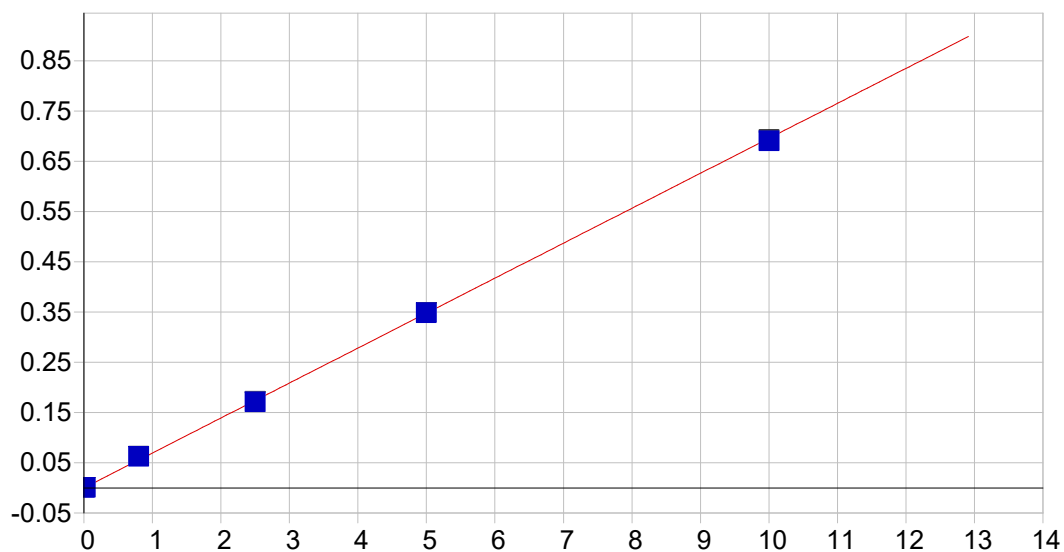




**As 189.042 {479}**

Date of Fit: 2/3/2025 12:17:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000127

Re-Slope: 1.000000

A1 (Gain): 0.069596

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999629

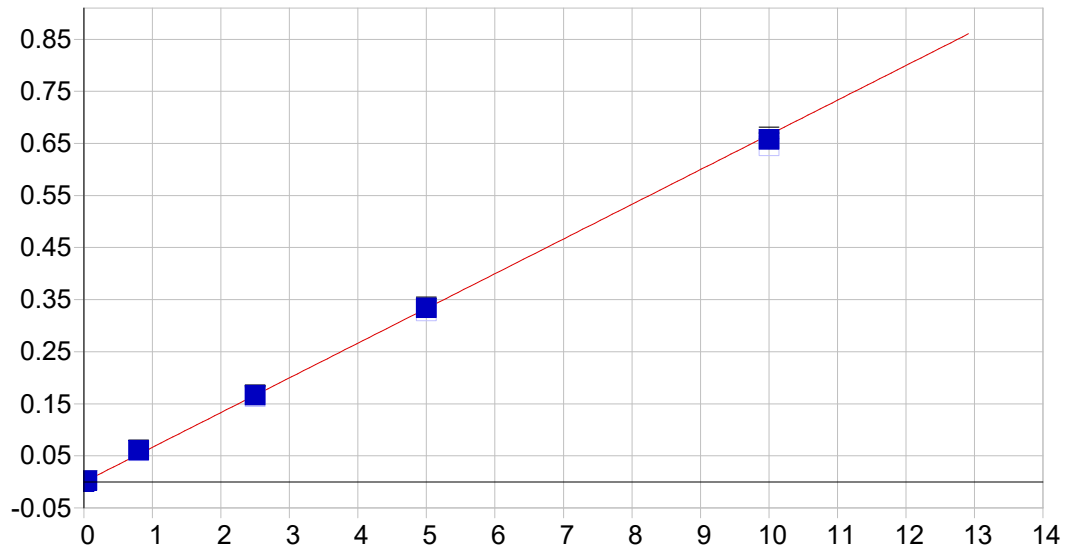
Status: OK.

Std Error of Est: 0.000044

Predicted MDL: 0.002180

Predicted MQL: 0.007267

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .02000       | .01872      | -.001      | -6.38   | .00117  | .000    | 1        |
| S3        | 2.5000       | 2.4593      | -.041      | -1.63   | .17084  | .001    | 1        |
| S4        | 5.0000       | 5.0114      | .011       | .227    | .34827  | .000    | 1        |
| S5        | 10.000       | 9.9313      | -.069      | -6.87   | .69029  | .002    | 1        |
| S2        | .80000       | .89932      | .099       | 12.4    | .06240  | .000    | 1        |

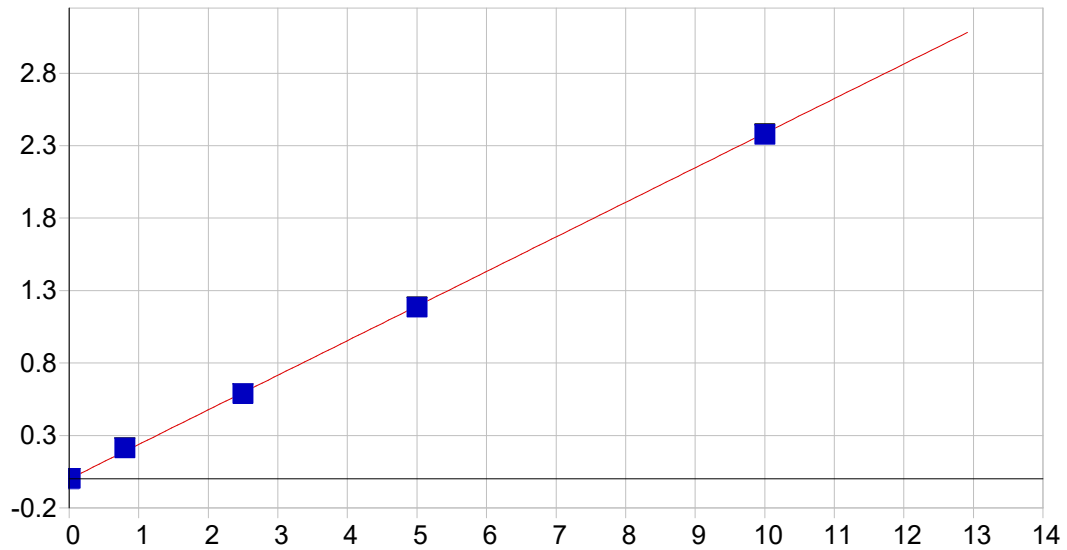


TI 190.856 {477}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000  
 A1 (Gain): 0.066661 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999491 Status: OK.  
 Std Error of Est: 0.000069  
 Predicted MDL: 0.001850  
 Predicted MQL: 0.006167

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00020 | .000    | 1        |
| S1        | .04000       | .04022      | .000       | .562    | .00231  | .000    | 1        |
| S3        | 2.5000       | 2.5025      | .002       | .099    | .16355  | .000    | 1        |
| S4        | 5.0000       | 5.0197      | .020       | .393    | .32828  | .002    | 1        |
| S5        | 10.000       | 9.8643      | -.136      | -1.36   | .64508  | .005    | 1        |
| S2        | .80000       | .91337      | .113       | 14.2    | .05970  | .000    | 1        |

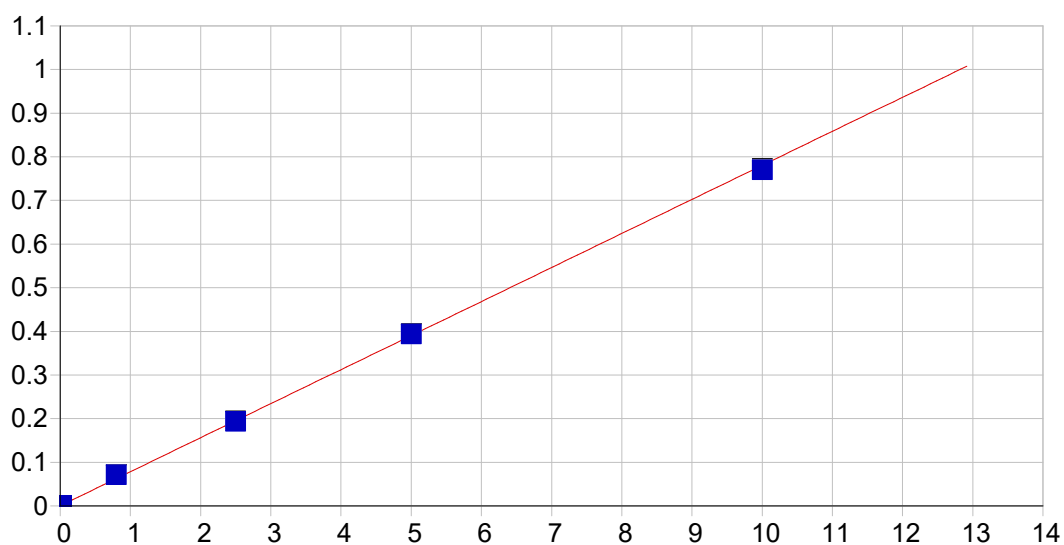


**Pb 220.353 {453}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000410 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.238679  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999653  | Status:   | OK.      |
| Std Error of Est: | 0.000114  |           |          |
| Predicted MDL:    | 0.001101  |           |          |
| Predicted MQL:    | 0.003669  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00041 | .000    | 1        |
| S1        | .01200       | .01281      | .001       | 6.73    | .00259  | .000    | 1        |
| S3        | 2.5000       | 2.4657      | -.034      | -1.37   | .58745  | .001    | 1        |
| S4        | 5.0000       | 4.9698      | -.030      | -.605   | 1.1845  | .001    | 1        |
| S5        | 10.000       | 9.9664      | -.034      | -.336   | 2.3757  | .004    | 1        |
| S2        | .80000       | .89737      | .097       | 12.2    | .21356  | .001    | 1        |

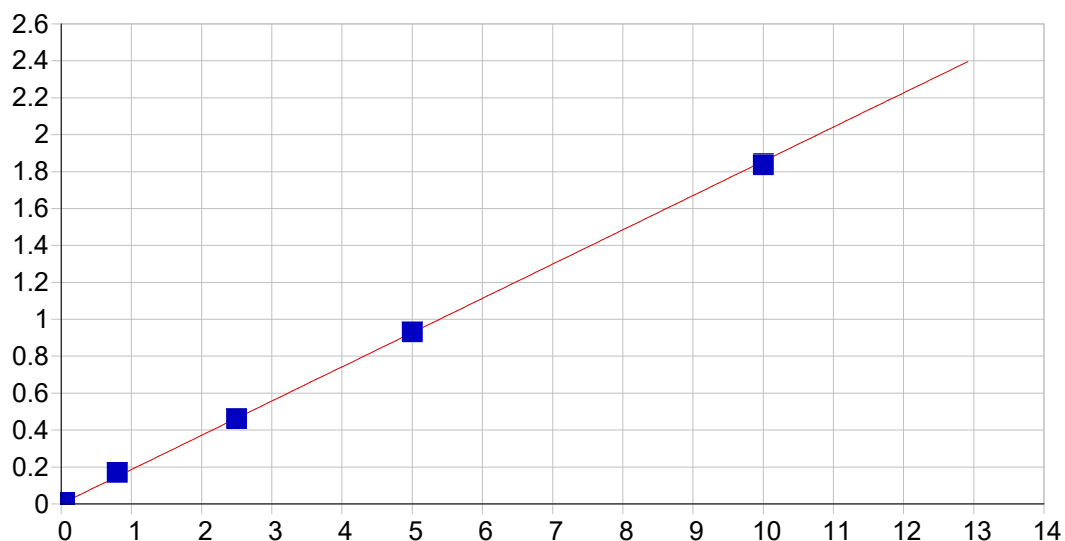


**Se 196.090 {472}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000279 Re-Slope: 1.000000  
 A1 (Gain): 0.078008 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999536 Status: OK.  
 Std Error of Est: 0.000056  
 Predicted MDL: 0.002411  
 Predicted MQL: 0.008037

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00028 | .000    | 1        |
| S1        | .02000       | .01859      | -.001      | -7.03   | .00173 | .000    | 1        |
| S3        | 2.5000       | 2.4781      | -.022      | -.877   | .19354 | .001    | 1        |
| S4        | 5.0000       | 5.0435      | .043       | .870    | .39361 | .001    | 1        |
| S5        | 10.000       | 9.8714      | -.129      | -1.29   | .77012 | .002    | 1        |
| S2        | .80000       | .90842      | .108       | 13.6    | .07113 | .000    | 1        |

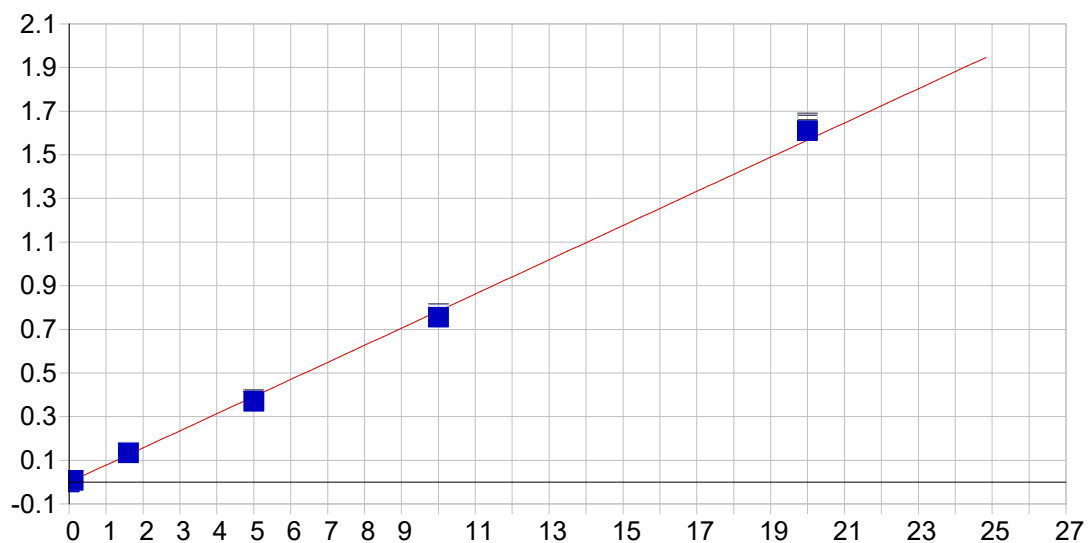


**Sb 206.833 {463}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000  
 A1 (Gain): 0.185514 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999549 Status: OK.  
 Std Error of Est: 0.000207  
 Predicted MDL: 0.001438  
 Predicted MQL: 0.004792

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00036 | .000    | 1        |
| S1        | .05000       | .04905      | -.001      | -1.90   | .00948 | .000    | 1        |
| S3        | 2.5000       | 2.4796      | -.020      | -.816   | .46163 | .001    | 1        |
| S4        | 5.0000       | 5.0185      | .019       | .371    | .93389 | .001    | 1        |
| S5        | 10.000       | 9.8924      | -.108      | -1.08   | 1.8406 | .004    | 1        |
| S2        | .80000       | .91036      | .110       | 13.8    | .16965 | .000    | 1        |

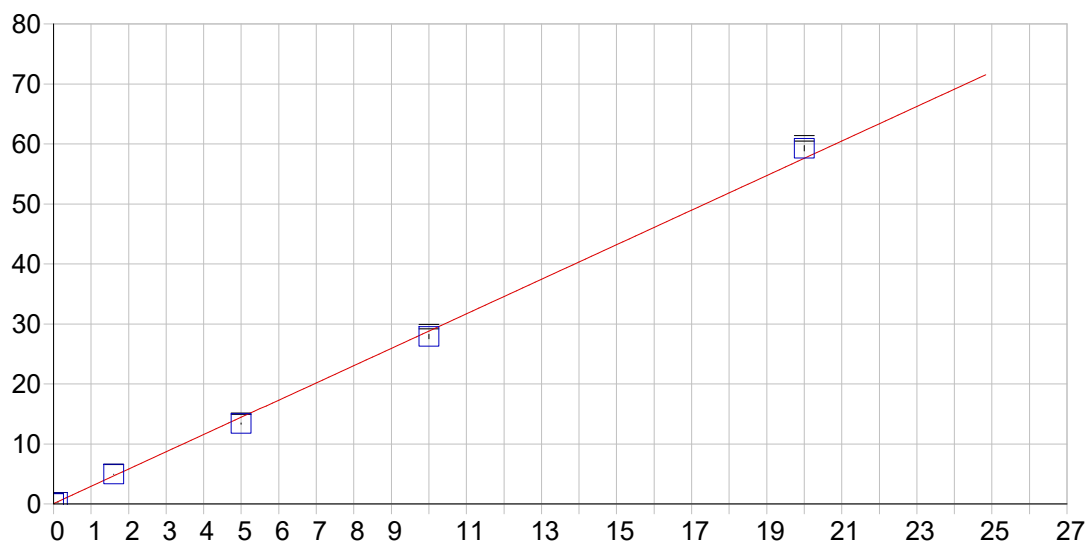


AI 396.152 { 85}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000285 Re-Slope: 1.000000  
 A1 (Gain): 0.078397 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999312 Status: OK.  
 Std Error of Est: 0.000220  
 Predicted MDL: 0.006994  
 Predicted MQL: 0.023315

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00028 | .000    | 1        |
| S1        | .10000       | .09643      | -.004      | -3.57   | .00788  | .001    | 1        |
| S3        | 5.0000       | 4.7165      | -.283      | -5.67   | .37708  | .001    | 1        |
| S4        | 10.000       | 9.6291      | -.371      | -3.71   | .76982  | .001    | 1        |
| S5        | 20.000       | 20.548      | .548       | 2.74    | 1.6411  | .005    | 1        |
| S2        | 1.6000       | 1.7100      | .110       | 6.87    | .13620  | .001    | 1        |

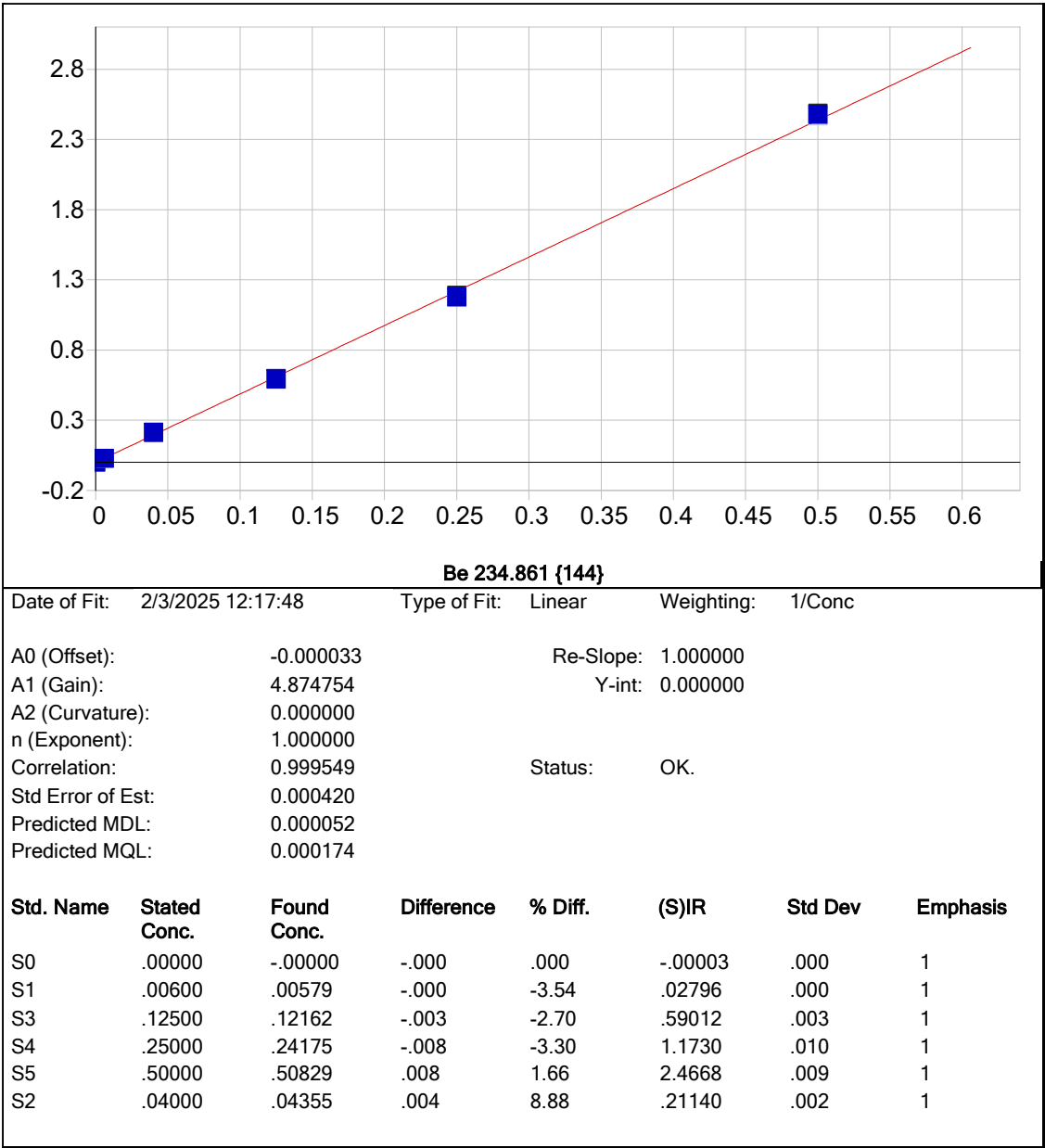


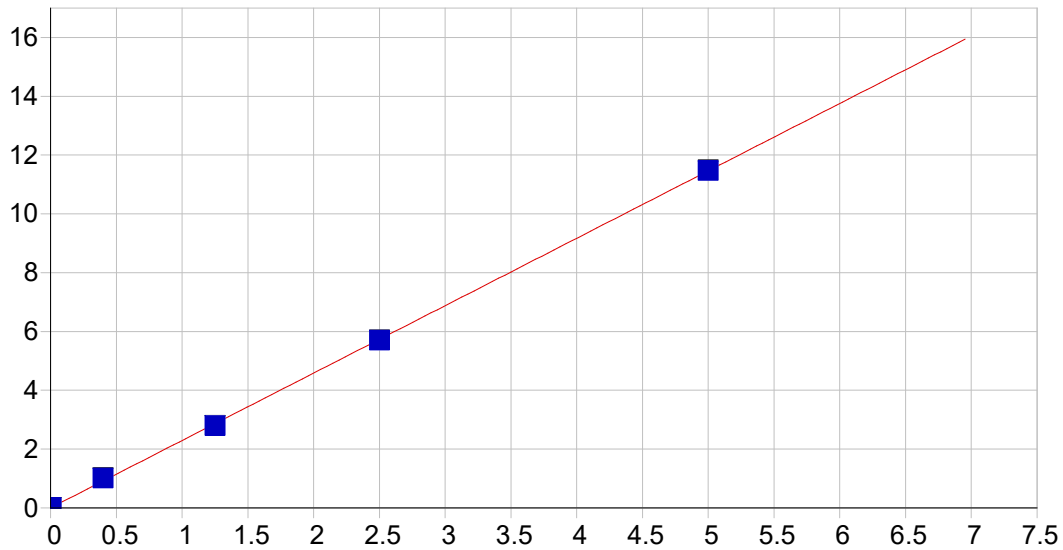
**Ba 493.409 { 68}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.039086 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.877762 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999168 | Status:   | OK.      |
| Std Error of Est: | 0.008710 |           |          |
| Predicted MDL:    | 0.000686 |           |          |
| Predicted MQL:    | 0.002286 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .03912 | .002    | 1        |
| S1        | .10000       | .08946      | -.011      | -10.5   | .29654 | .002    | 1        |
| S3        | 5.0000       | 4.6425      | -.357      | -7.15   | 13.399 | .116    | 1        |
| S4        | 10.000       | 9.6791      | -.321      | -3.21   | 27.893 | .383    | 1        |
| S5        | 20.000       | 20.581      | .581       | 2.90    | 59.266 | .457    | 1        |
| S2        | 1.6000       | 1.7081      | .108       | 6.75    | 4.9545 | .026    | 1        |



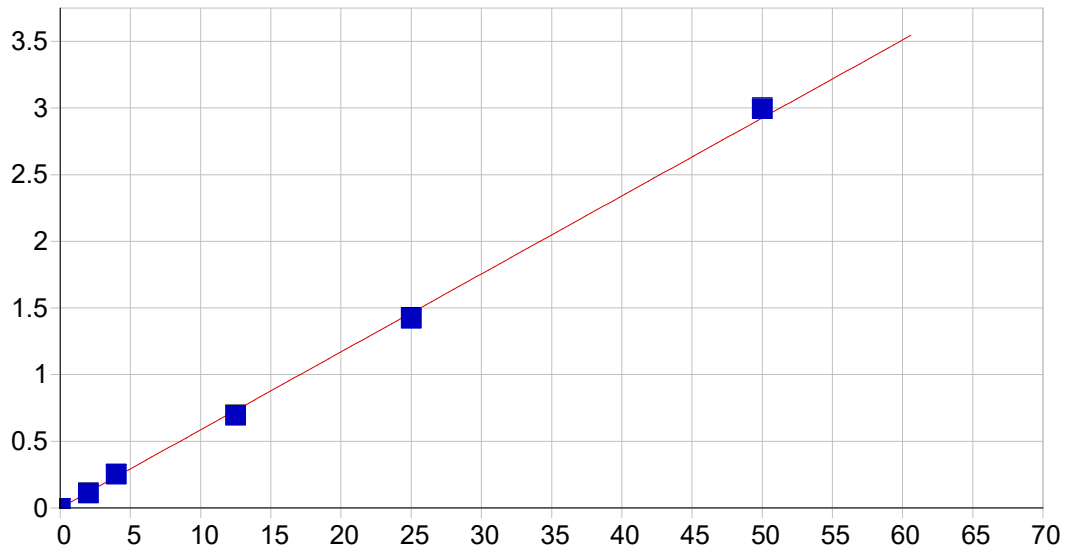


**Cd 226.502 {449}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000123 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.292649 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999707 | Status:   | OK.      |
| Std Error of Est: | 0.000504 |           |          |
| Predicted MDL:    | 0.000087 |           |          |
| Predicted MQL:    | 0.000291 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .00600       | .00582      | -.000      | -2.93   | .01354 | .000    | 1        |
| S3        | 1.2500       | 1.2199      | -.030      | -2.41   | 2.7993 | .004    | 1        |
| S4        | 2.5000       | 2.4854      | -.015      | -.583   | 5.7030 | .008    | 1        |
| S5        | 5.0000       | 5.0021      | .002       | .043    | 11.478 | .020    | 1        |
| S2        | .40000       | .44268      | .043       | 10.7    | 1.0158 | .003    | 1        |

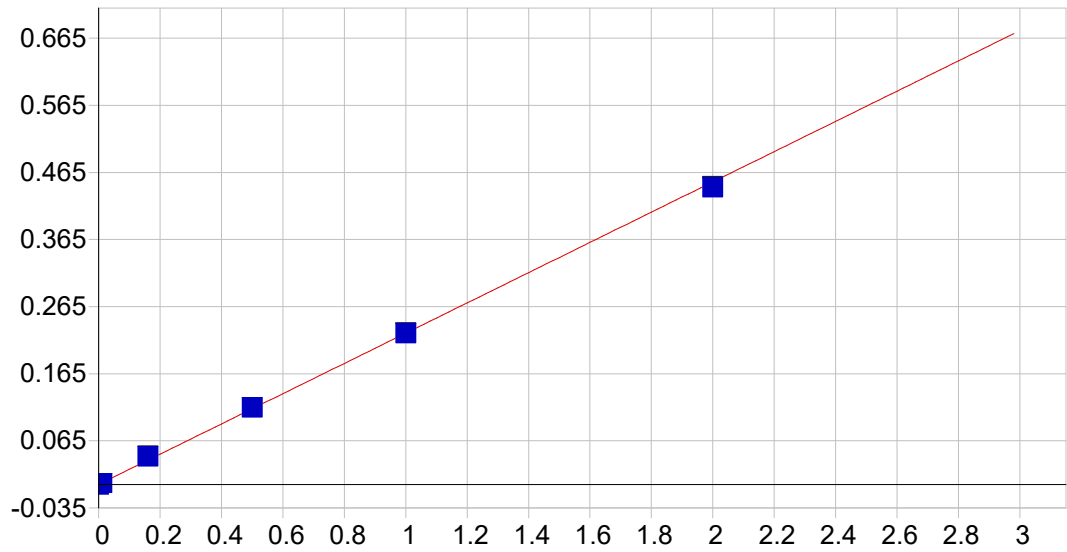


Ca 373.690 { 90}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000768 Re-Slope: 1.000000  
 A1 (Gain): 0.058489 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999411 Status: OK.  
 Std Error of Est: 0.001063  
 Predicted MDL: 0.008907  
 Predicted MQL: 0.029688

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00008      | .000       | .000    | .00077 | .000    | 1        |
| S2        | 4.0000       | 4.3060      | .306       | 7.65    | .25262 | .000    | 1        |
| S3        | 12.500       | 11.849      | -.651      | -5.21   | .69382 | .002    | 1        |
| S4        | 25.000       | 24.303      | -.697      | -2.79   | 1.4223 | .006    | 1        |
| S5        | 50.000       | 51.157      | 1.16       | 2.31    | 2.9929 | .007    | 1        |
| S1        | 2.0000       | 1.8841      | -.116      | -5.80   | .11097 | .000    | 1        |

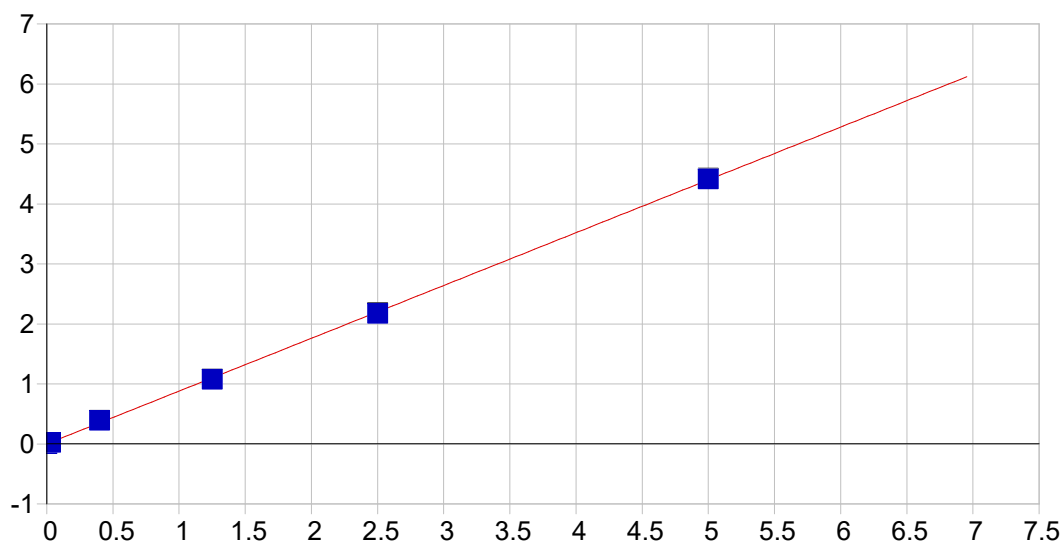


**Cr 267.716 {126}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000073 Re-Slope: 1.000000  
 A1 (Gain): 0.225498 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999292 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.000368  
 Predicted MQL: 0.001228

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .00998      | -.000      | -.234   | .00218  | .000    | 1        |
| S3        | .50000       | .50936      | .009       | 1.87    | .11482  | .000    | 1        |
| S4        | 1.0000       | 1.0002      | .000       | .016    | .22553  | .001    | 1        |
| S5        | 2.0000       | 1.9640      | -.036      | -1.80   | .44294  | .001    | 1        |
| S2        | .16000       | .18648      | .026       | 16.6    | .04199  | .000    | 1        |

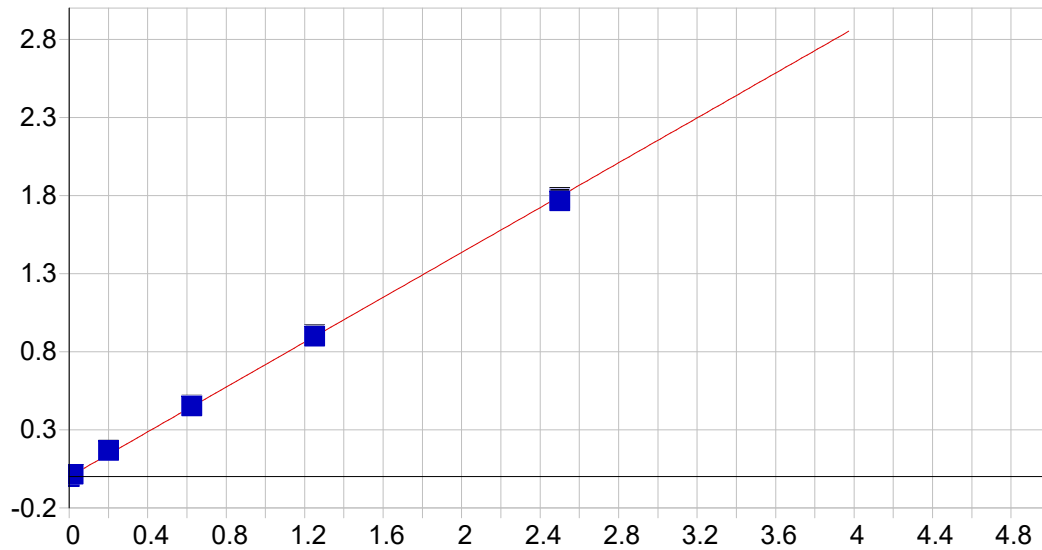


Co 228.616 {448}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000003 Re-Slope: 1.000000  
A1 (Gain): 0.880070 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999686 Status: OK.  
Std Error of Est: 0.000449  
Predicted MDL: 0.000203  
Predicted MQL: 0.000676

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .03000       | .02916      | -.001      | -2.79   | .02555  | .000    | 1        |
| S3        | 1.2500       | 1.2220      | -.028      | -2.24   | 1.0773  | .002    | 1        |
| S4        | 2.5000       | 2.4725      | -.028      | -1.10   | 2.1797  | .003    | 1        |
| S5        | 5.0000       | 5.0125      | .013       | .250    | 4.4188  | .009    | 1        |
| S2        | .40000       | .44382      | .044       | 11.0    | .39119  | .002    | 1        |

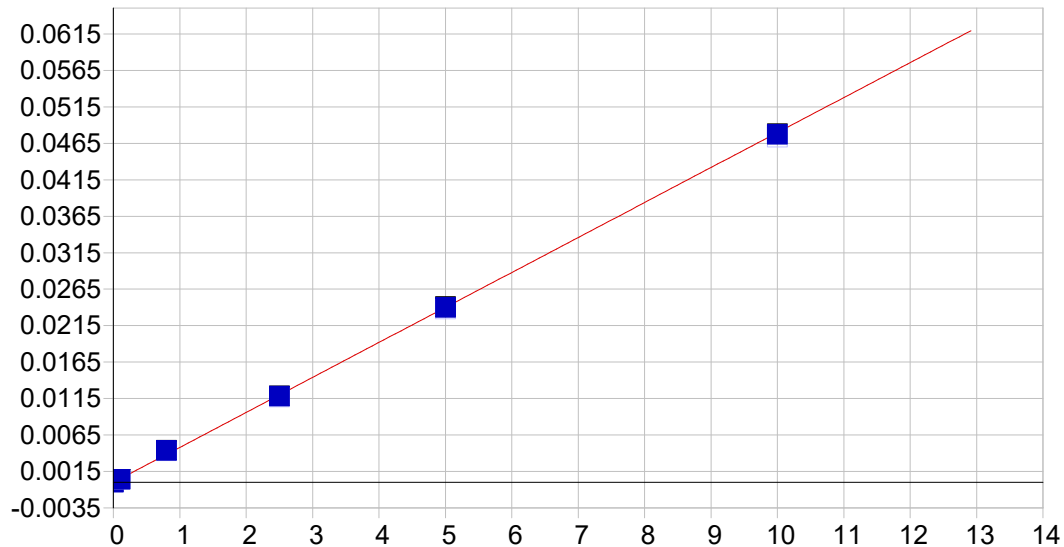


**Cu 224.700 {450}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000574 Re-Slope: 1.000000  
 A1 (Gain): 0.717909 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999313 Status: OK.  
 Std Error of Est: 0.000315  
 Predicted MDL: 0.000418  
 Predicted MQL: 0.001392

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00058 | .000    | 1        |
| S1        | .02000       | .02199      | .002       | 9.96    | .01540  | .000    | 1        |
| S3        | .62500       | .62862      | .004       | .579    | .45499  | .002    | 1        |
| S4        | 1.2500       | 1.2526      | .003       | .208    | .90723  | .001    | 1        |
| S5        | 2.5000       | 2.4585      | -.041      | -1.66   | 1.7815  | .006    | 1        |
| S2        | .20000       | .23326      | .033       | 16.6    | .16825  | .000    | 1        |

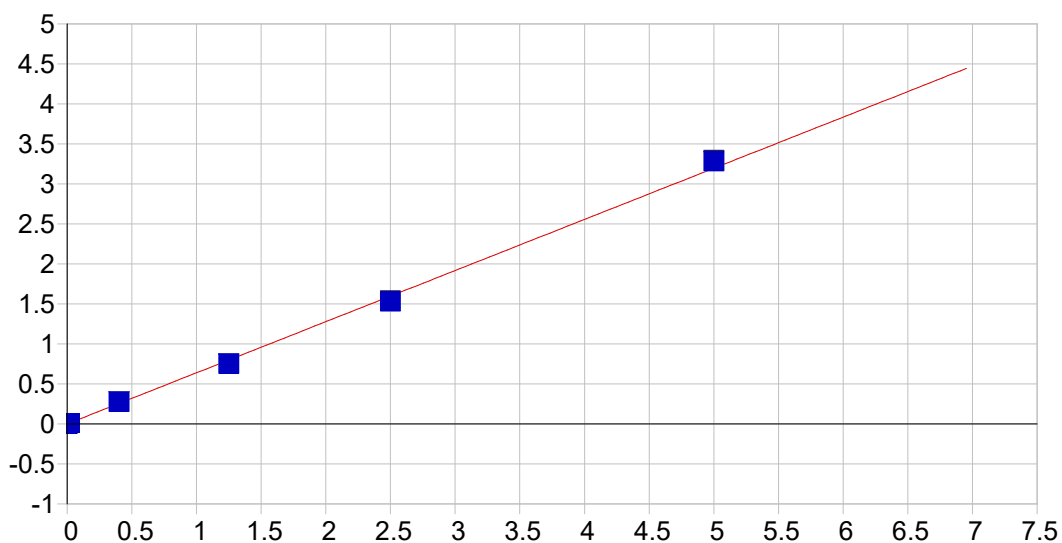


**Fe 240.488 {140}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000  
A1 (Gain): 0.004798 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999524 Status: OK.  
Std Error of Est: 0.000008  
Predicted MDL: 0.005357  
Predicted MQL: 0.017857

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00000 | .000    | 1        |
| S1        | .10000       | .08723      | -.013      | -12.8   | .00041 | .000    | 1        |
| S3        | 2.5000       | 2.4599      | -.040      | -1.60   | .01170 | .000    | 1        |
| S4        | 5.0000       | 4.9947      | -.005      | -.107   | .02376 | .000    | 1        |
| S5        | 10.000       | 9.9496      | -.050      | -.504   | .04733 | .000    | 1        |
| S2        | .80000       | .90847      | .108       | 13.6    | .00433 | .000    | 1        |

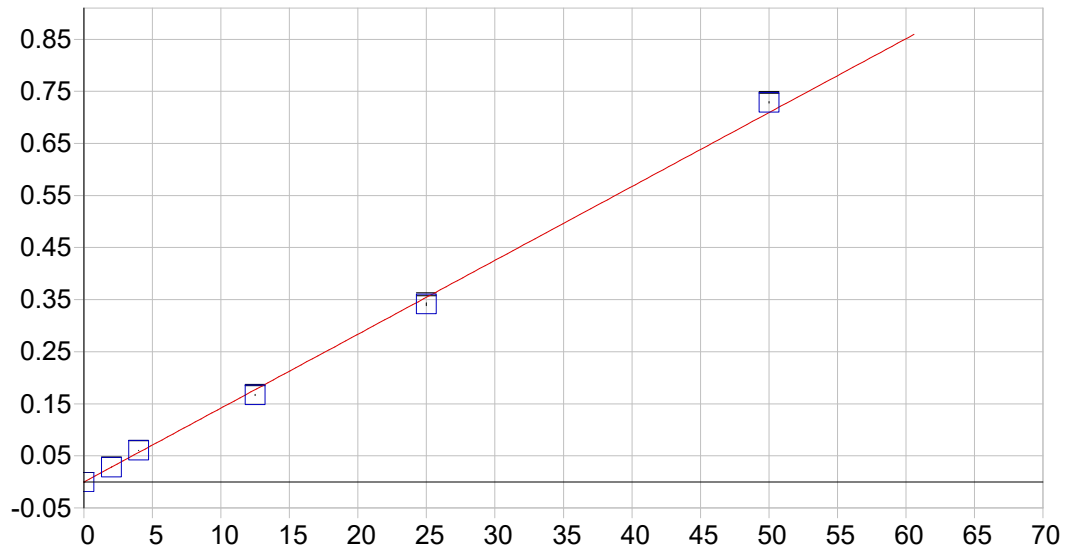


**Mn 257.610 {131}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000087 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.639093  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999167  | Status:   | OK.      |
| Std Error of Est: | 0.000433  |           |          |
| Predicted MDL:    | 0.000330  |           |          |
| Predicted MQL:    | 0.001100  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .01937      | -.001      | -3.16   | .01230  | .000    | 1        |
| S3        | 1.2500       | 1.1764      | -.074      | -5.89   | .75190  | .004    | 1        |
| S4        | 2.5000       | 2.3997      | -.100      | -4.01   | 1.5339  | .003    | 1        |
| S5        | 5.0000       | 5.1398      | .140       | 2.80    | 3.2853  | .009    | 1        |
| S2        | .40000       | .43473      | .035       | 8.68    | .27780  | .000    | 1        |

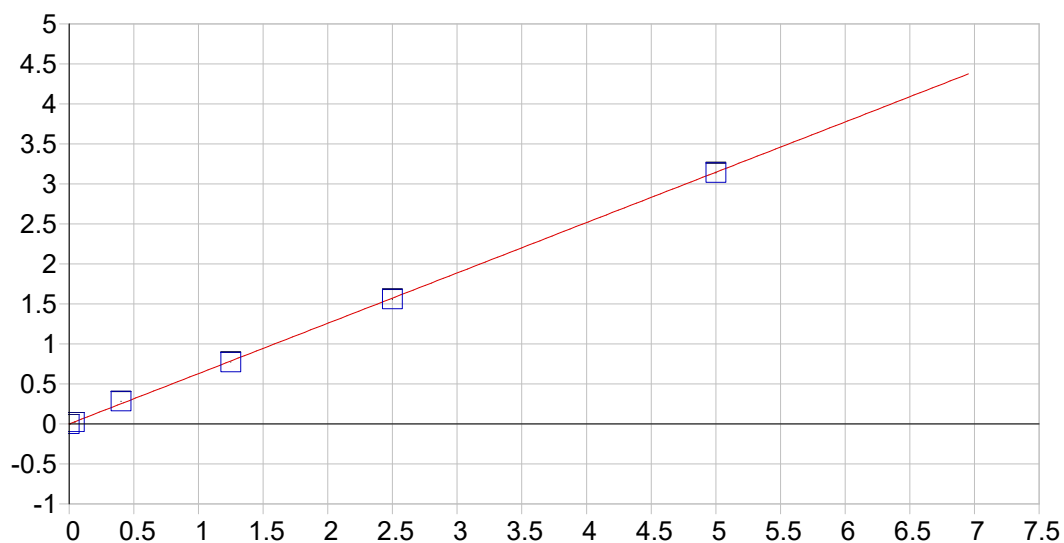


### Mg 279.079 {121}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000211 Re-Slope: 1.000000  
 A1 (Gain): 0.014188 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999287 Status: OK.  
 Std Error of Est: 0.000284  
 Predicted MDL: 0.016774  
 Predicted MQL: 0.055913

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S2        | 4.0000       | 4.2753      | .275       | 6.88    | .06045  | .000    | 1        |
| S3        | 12.500       | 11.779      | -.721      | -5.77   | .16690  | .001    | 1        |
| S4        | 25.000       | 24.069      | -.931      | -3.72   | .34129  | .003    | 1        |
| S5        | 50.000       | 51.382      | 1.38       | 2.76    | .72881  | .002    | 1        |
| S1        | 2.0000       | 1.9944      | -.006      | -.279   | .02809  | .000    | 1        |

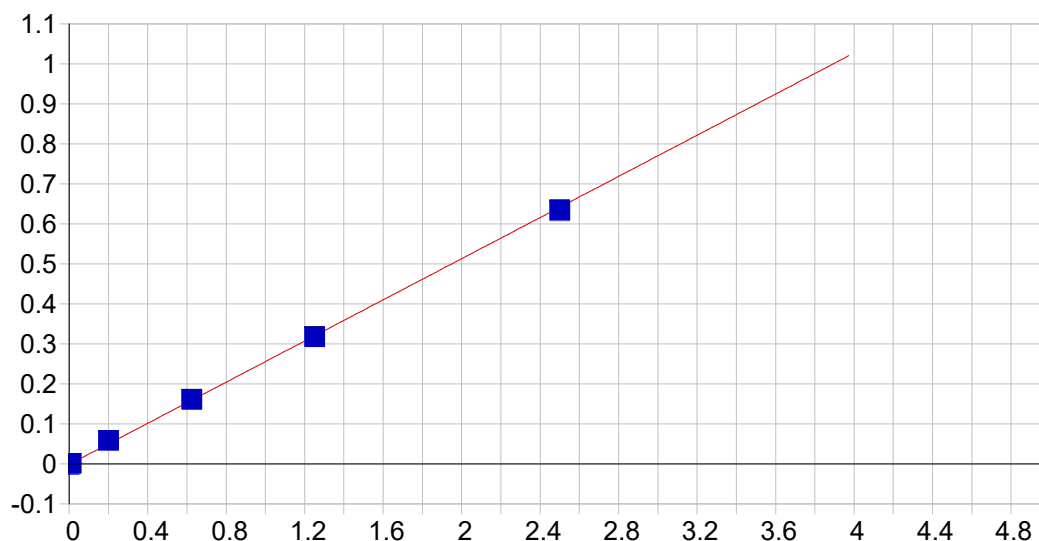


Ni 231.604 {446}

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000024 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.629107  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999646  | Status:   | OK.      |
| Std Error of Est: | 0.000393  |           |          |
| Predicted MDL:    | 0.000317  |           |          |
| Predicted MQL:    | 0.001055  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .04000       | .03905      | -.001      | -2.38   | .02454  | .000    | 1        |
| S3        | 1.2500       | 1.2283      | -.022      | -1.74   | .77270  | .002    | 1        |
| S4        | 2.5000       | 2.4806      | -.019      | -.778   | 1.5605  | .003    | 1        |
| S5        | 5.0000       | 4.9933      | -.007      | -.134   | 3.1413  | .006    | 1        |
| S2        | .40000       | .44878      | .049       | 12.2    | .28231  | .000    | 1        |

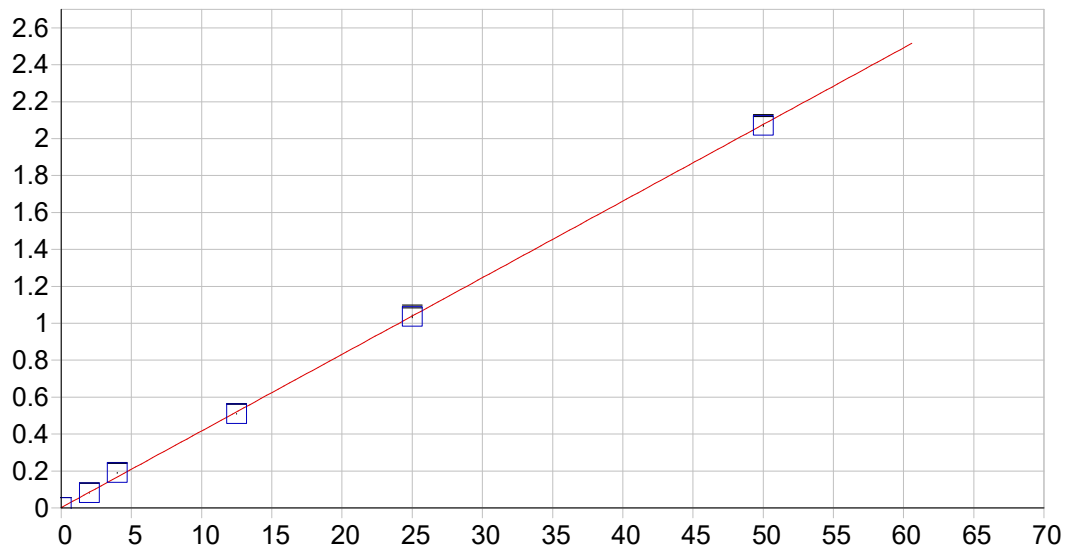


**Ag 328.068 {103}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001410 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.257224  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999363  | Status:   | OK.      |
| Std Error of Est: | 0.000076  |           |          |
| Predicted MDL:    | 0.000412  |           |          |
| Predicted MQL:    | 0.001372  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00141 | .000    | 1        |
| S1        | .01000       | .01014      | .000       | 1.40    | .00118  | .000    | 1        |
| S3        | .62500       | .63205      | .007       | 1.13    | .16053  | .000    | 1        |
| S4        | 1.2500       | 1.2407      | -.009      | -.742   | .31646  | .000    | 1        |
| S5        | 2.5000       | 2.4696      | -.030      | -1.22   | .63128  | .001    | 1        |
| S2        | .20000       | .23249      | .032       | 16.2    | .05819  | .000    | 1        |

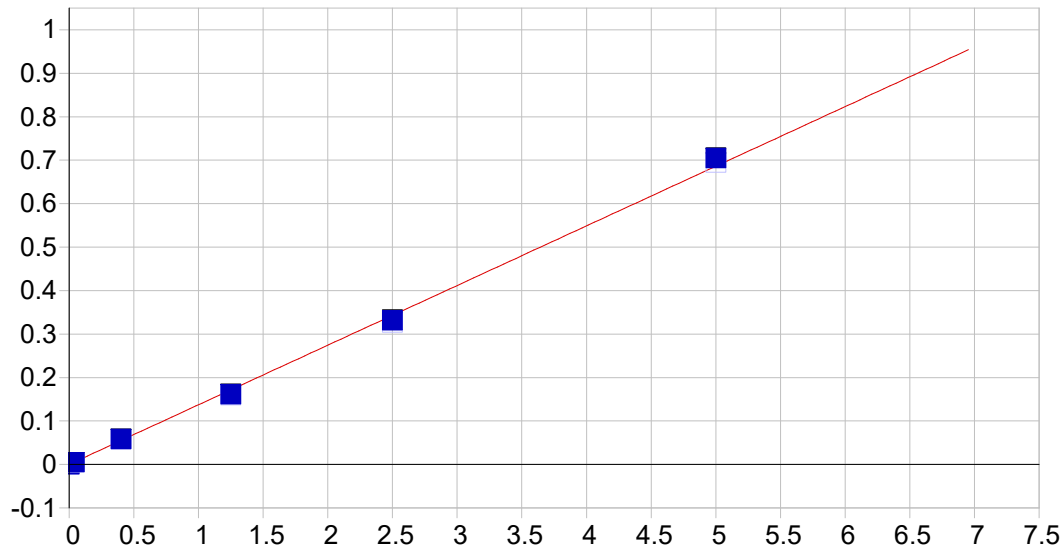


**Na 589.592 { 57}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001865 Re-Slope: 1.000000  
 A1 (Gain): 0.041489 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999569 Status: OK.  
 Std Error of Est: 0.000644  
 Predicted MDL: 0.005331  
 Predicted MQL: 0.017770

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00012     | -.000      | .000    | .00186 | .000    | 1        |
| S2        | 4.0000       | 4.5289      | .529       | 13.2    | .18976 | .002    | 1        |
| S3        | 12.500       | 12.241      | -.259      | -2.07   | .50974 | .002    | 1        |
| S4        | 25.000       | 24.944      | -.056      | -.224   | 1.0368 | .007    | 1        |
| S5        | 50.000       | 49.884      | -.116      | -.232   | 2.0715 | .005    | 1        |
| S1        | 2.0000       | 1.9015      | -.098      | -4.92   | .08076 | .001    | 1        |

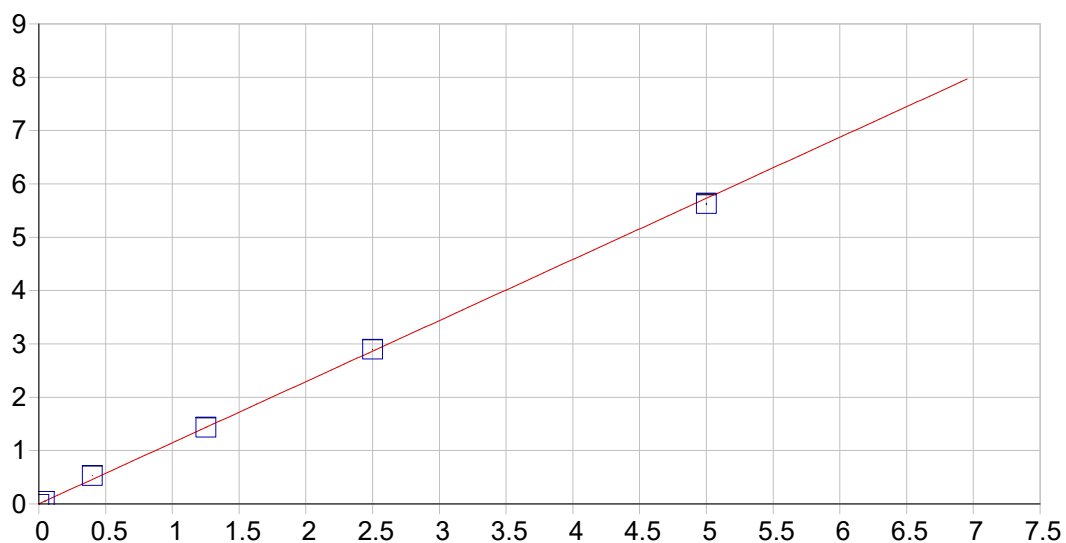


**V 292.402 {115}**

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000  
 A1 (Gain): 0.137196 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999310 Status: OK.  
 Std Error of Est: 0.000118  
 Predicted MDL: 0.001756  
 Predicted MQL: 0.005852

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .04000       | .03671      | -.003      | -8.22   | .00491 | .000    | 1        |
| S3        | 1.2500       | 1.1780      | -.072      | -5.76   | .15920 | .000    | 1        |
| S4        | 2.5000       | 2.4167      | -.083      | -3.33   | .32663 | .001    | 1        |
| S5        | 5.0000       | 5.1333      | .133       | 2.67    | .69435 | .001    | 1        |
| S2        | .40000       | .42516      | .025       | 6.29    | .05761 | .000    | 1        |

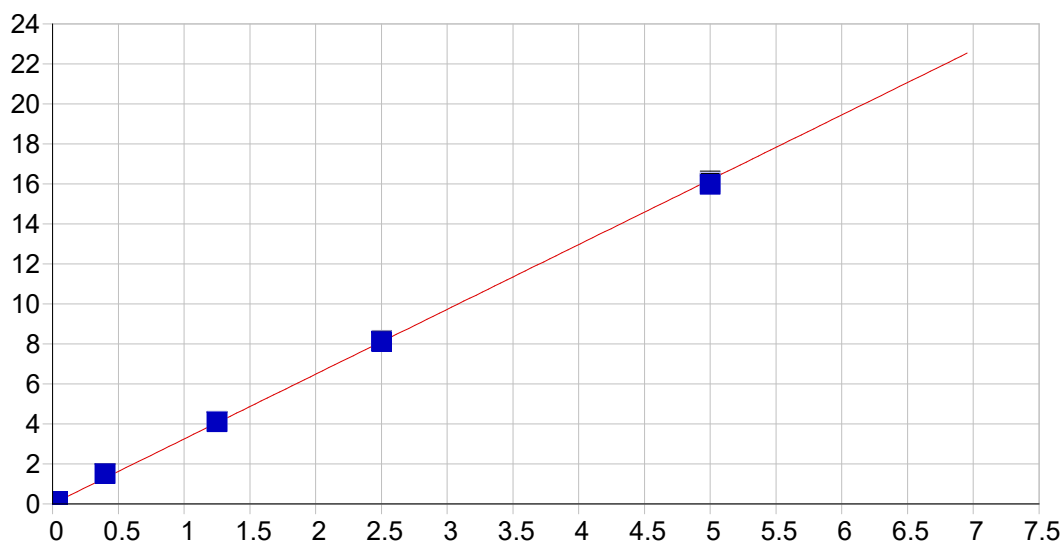


**Zn 206.200 {464}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000528 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.145729 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999359 | Status:   | OK.      |
| Std Error of Est: | 0.000963 |           |          |
| Predicted MDL:    | 0.000174 |           |          |
| Predicted MQL:    | 0.000581 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00052 | .000    | 1        |
| S1        | .04000       | .04127      | .001       | 3.18    | .04782 | .000    | 1        |
| S3        | 1.2500       | 1.2498      | -.000      | -.016   | 1.4325 | .005    | 1        |
| S4        | 2.5000       | 2.5265      | .027       | 1.06    | 2.8952 | .004    | 1        |
| S5        | 5.0000       | 4.9097      | -.090      | -1.81   | 5.6257 | .013    | 1        |
| S2        | .40000       | .46271      | .063       | 15.7    | .53067 | .001    | 1        |

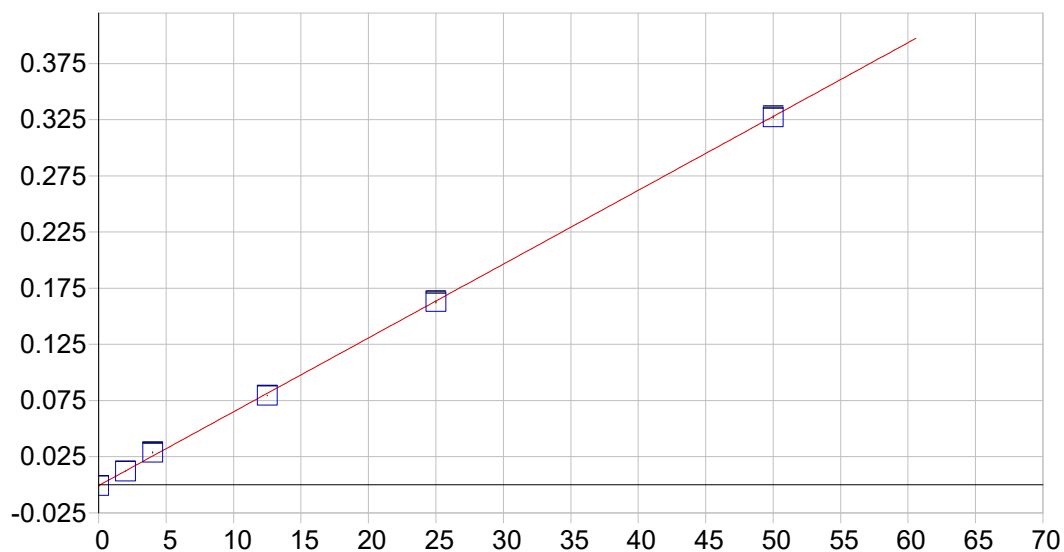


**Zn 213.856 {158}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004048 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.240793 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999438 | Status:   | OK.      |
| Std Error of Est: | 0.002568 |           |          |
| Predicted MDL:    | 0.000257 |           |          |
| Predicted MQL:    | 0.000856 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00403 | .000    | 1        |
| S1        | .04000       | .04032      | .000       | .799    | .13562 | .000    | 1        |
| S3        | 1.2500       | 1.2616      | .012       | .931    | 4.1209 | .010    | 1        |
| S4        | 2.5000       | 2.5001      | .000       | .004    | 8.1627 | .021    | 1        |
| S5        | 5.0000       | 4.9270      | -.073      | -1.46   | 16.084 | .060    | 1        |
| S2        | .40000       | .46098      | .061       | 15.2    | 1.5070 | .002    | 1        |

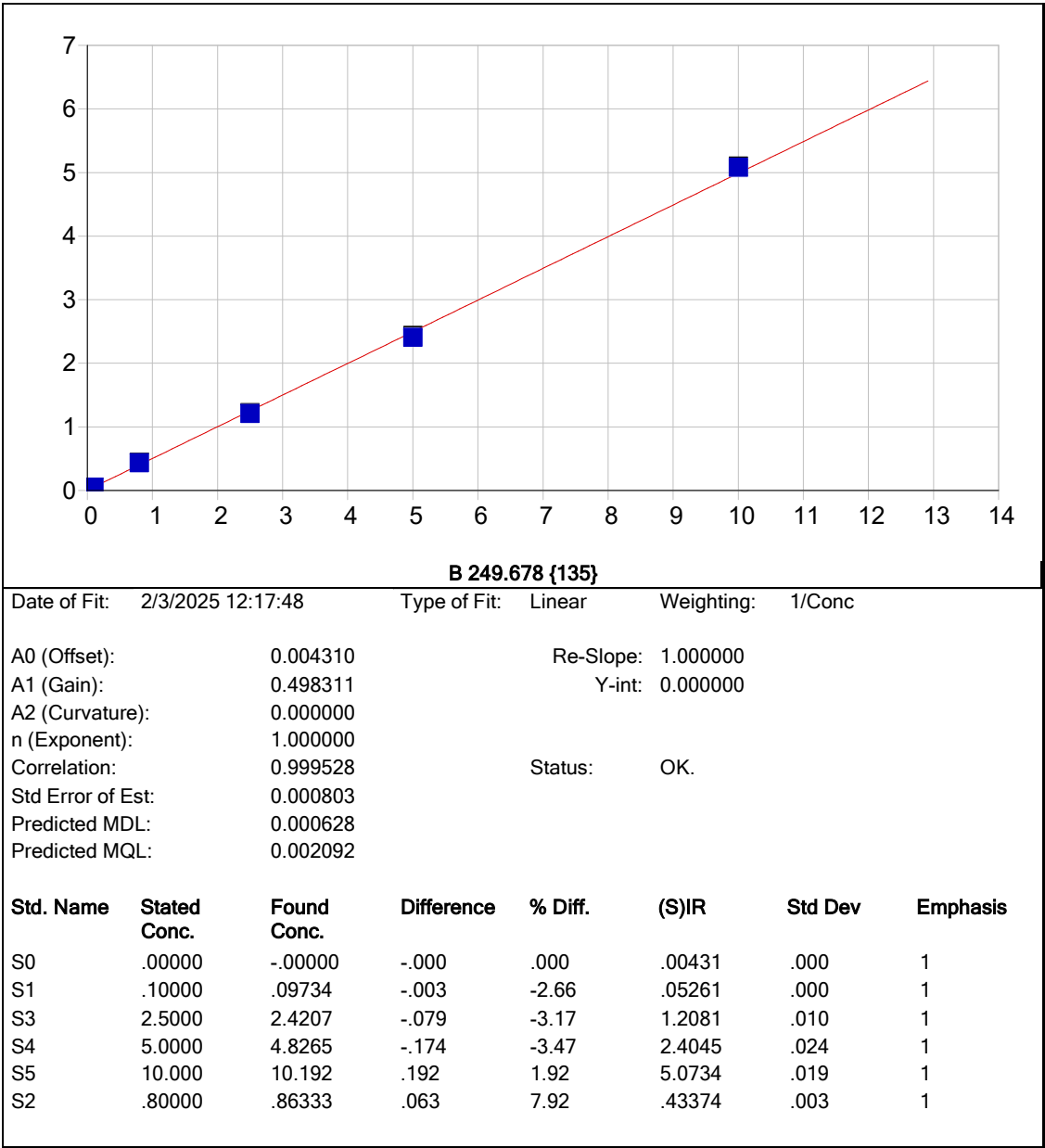


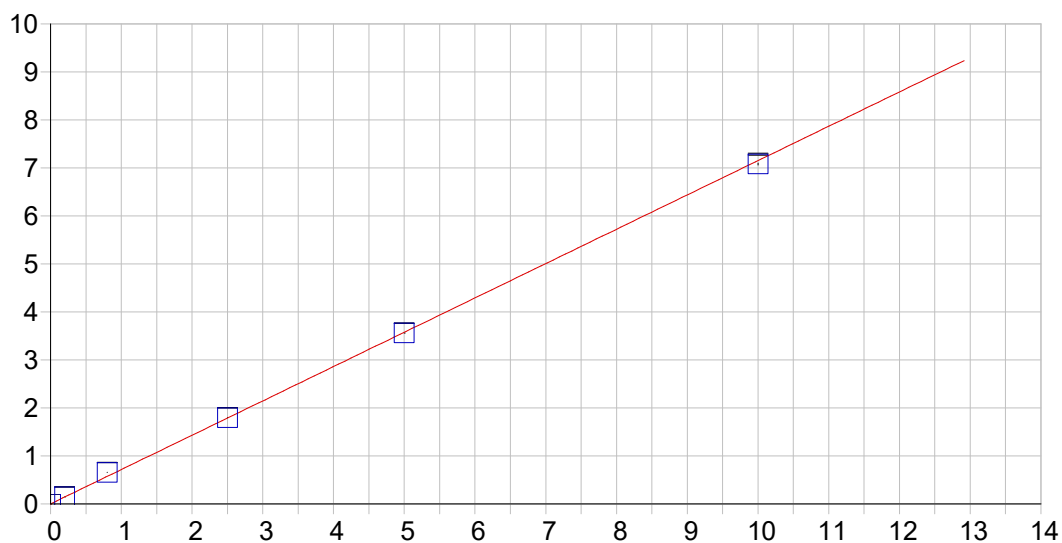
K 766.490 { 44}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000693 Re-Slope: 1.000000  
 A1 (Gain): 0.006572 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999615 Status: OK.  
 Std Error of Est: 0.000096  
 Predicted MDL: 0.033090  
 Predicted MQL: 0.110301

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00015     | -.000      | .000    | -.00069 | .000    | 1        |
| S2        | 4.0000       | 4.5029      | .503       | 12.6    | .02890  | .000    | 1        |
| S3        | 12.500       | 12.200      | -.300      | -2.40   | .07949  | .000    | 1        |
| S4        | 25.000       | 24.907      | -.093      | -.373   | .16300  | .001    | 1        |
| S5        | 50.000       | 49.936      | -.064      | -.128   | .32751  | .001    | 1        |
| S1        | 2.0000       | 1.9546      | -.045      | -2.27   | .01215  | .000    | 1        |



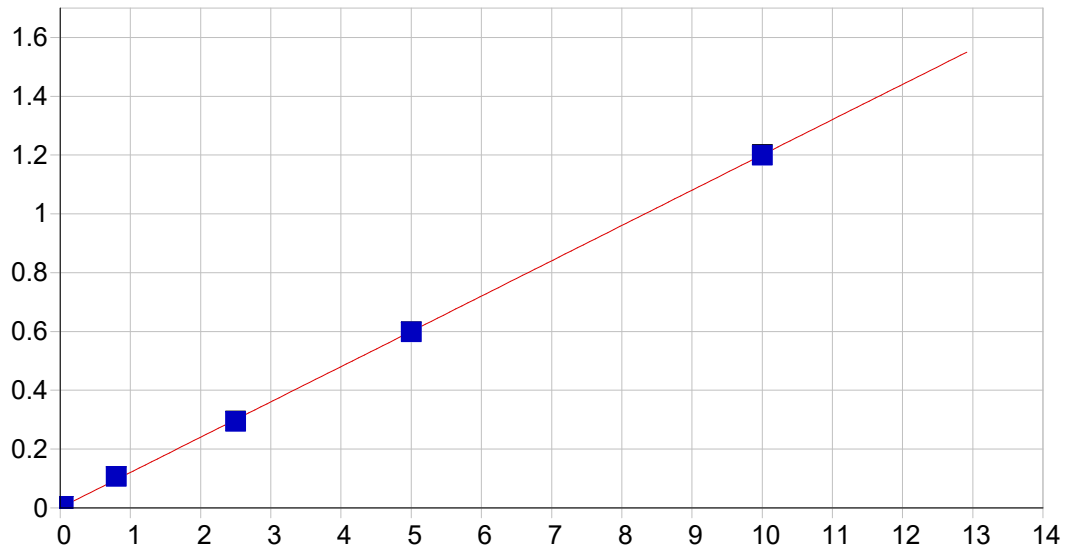


Mo 202.030 {467}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000274 Re-Slope: 1.000000  
 A1 (Gain): 0.715198 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999509 Status: OK.  
 Std Error of Est: 0.001669  
 Predicted MDL: 0.000273  
 Predicted MQL: 0.000910

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .20000       | .20157      | .002       | .787    | .14444 | .000    | 1        |
| S3        | 2.5000       | 2.5083      | .008       | .334    | 1.7942 | .004    | 1        |
| S4        | 5.0000       | 4.9740      | -.026      | -.521   | 3.5576 | .001    | 1        |
| S5        | 10.000       | 9.8996      | -.100      | -1.00   | 7.0804 | .021    | 1        |
| S2        | .80000       | .91656      | .117       | 14.6    | .65580 | .002    | 1        |



**Sn 189.989 {478}**

Date of Fit: 2/3/2025 12:17:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000476

Re-Slope: 1.000000

A1 (Gain): 0.119993

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999732

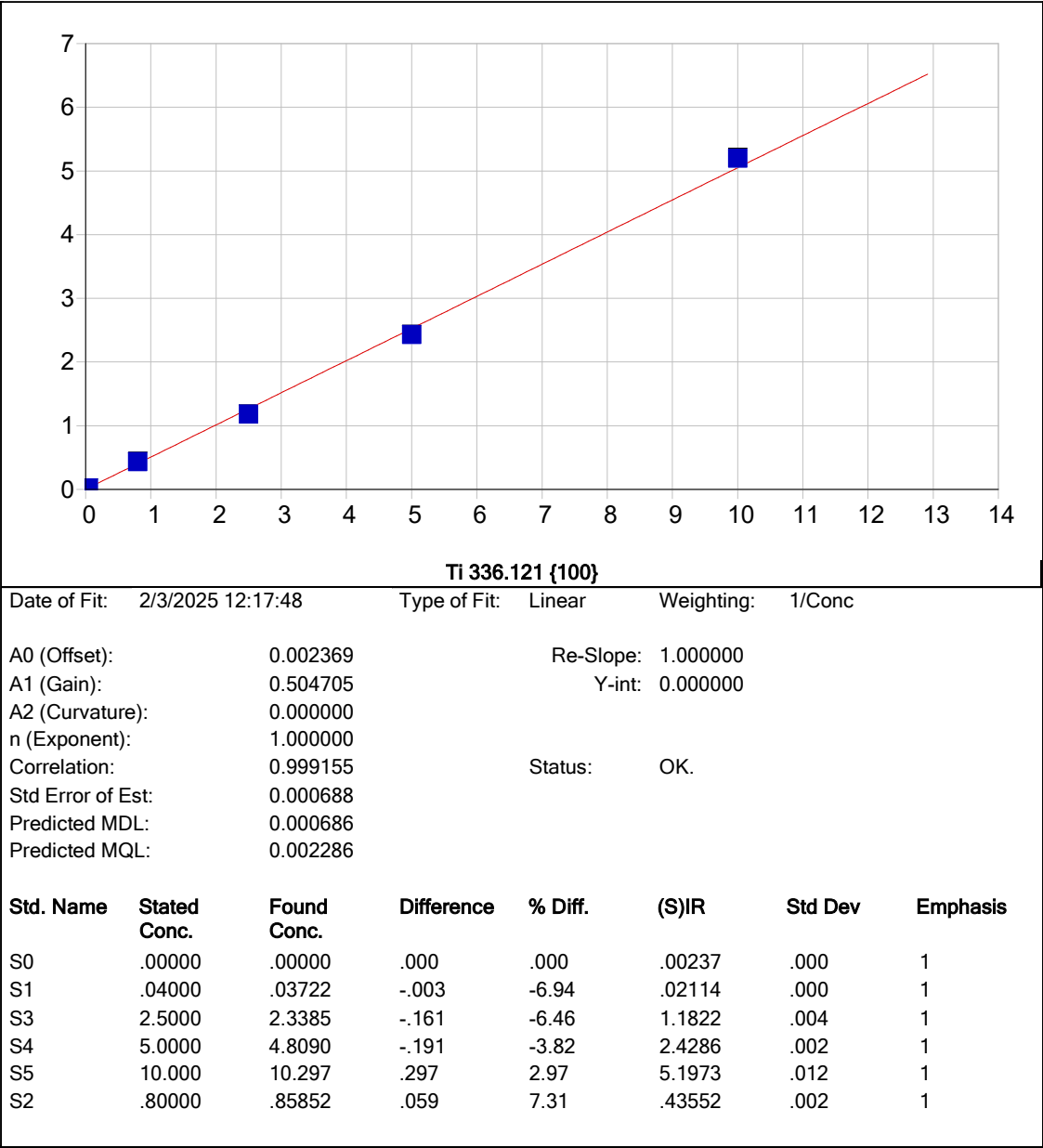
Status: OK.

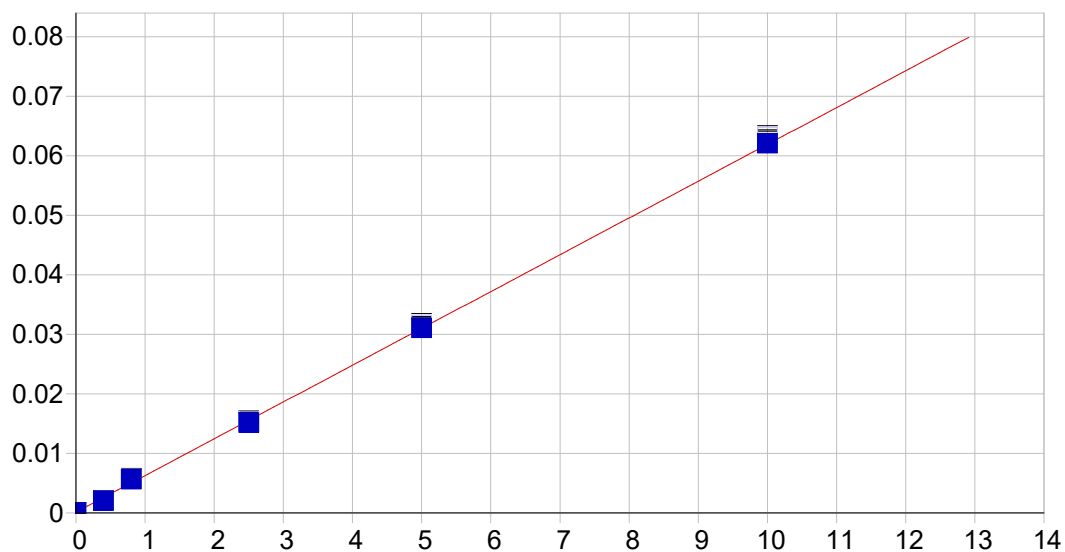
Std Error of Est: 0.000092

Predicted MDL: 0.000772

Predicted MQL: 0.002573

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00048 | .000    | 1        |
| S1        | .04000       | .03874      | -.001      | -3.16   | .00512 | .000    | 1        |
| S3        | 2.5000       | 2.4479      | -.052      | -2.08   | .29390 | .001    | 1        |
| S4        | 5.0000       | 4.9808      | -.019      | -.384   | .59752 | .000    | 1        |
| S5        | 10.000       | 9.9897      | -.010      | -.103   | 1.1979 | .002    | 1        |
| S2        | .80000       | .88290      | .083       | 10.4    | .10632 | .000    | 1        |



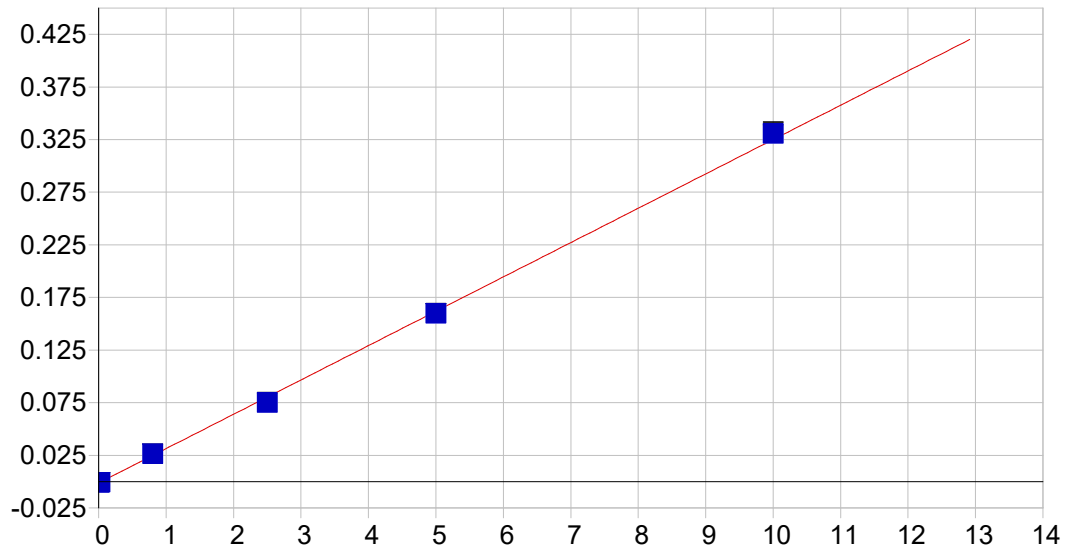


### Si 288.158 {117}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000  
 A1 (Gain): 0.006183 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999193 Status: OK.  
 Std Error of Est: 0.000027  
 Predicted MDL: 0.007557  
 Predicted MQL: 0.025189

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .40000       | .31597      | -.084      | -21.0   | .00205 | .000    | 1        |
| S3        | 2.5000       | 2.4415      | -.059      | -2.34   | .01542 | .000    | 1        |
| S4        | 5.0000       | 5.0106      | .011       | .212    | .03154 | .000    | 1        |
| S5        | 10.000       | 10.033      | .033       | .331    | .06306 | .000    | 1        |
| S2        | .80000       | .89772      | .098       | 12.2    | .00572 | .000    | 1        |

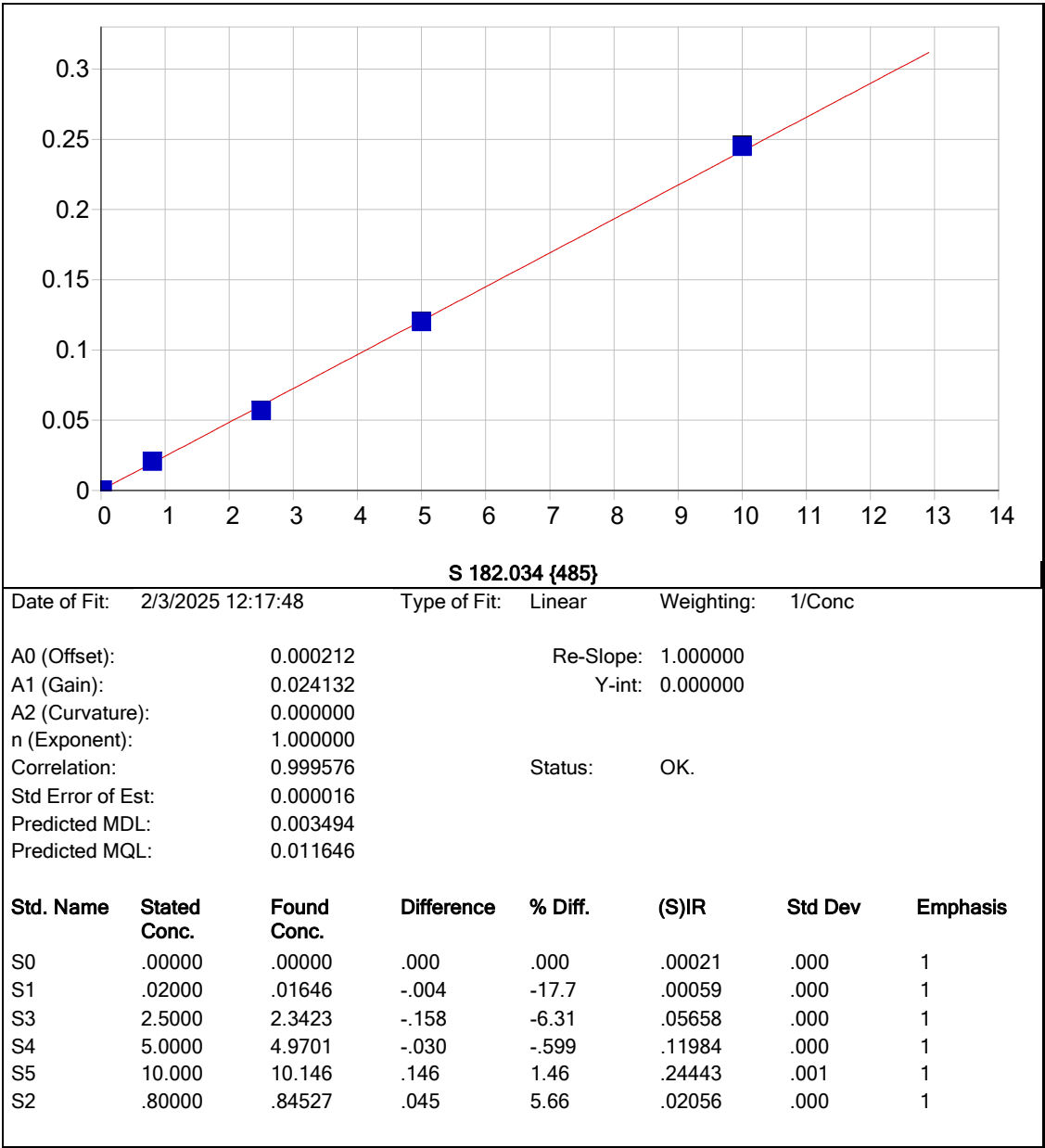


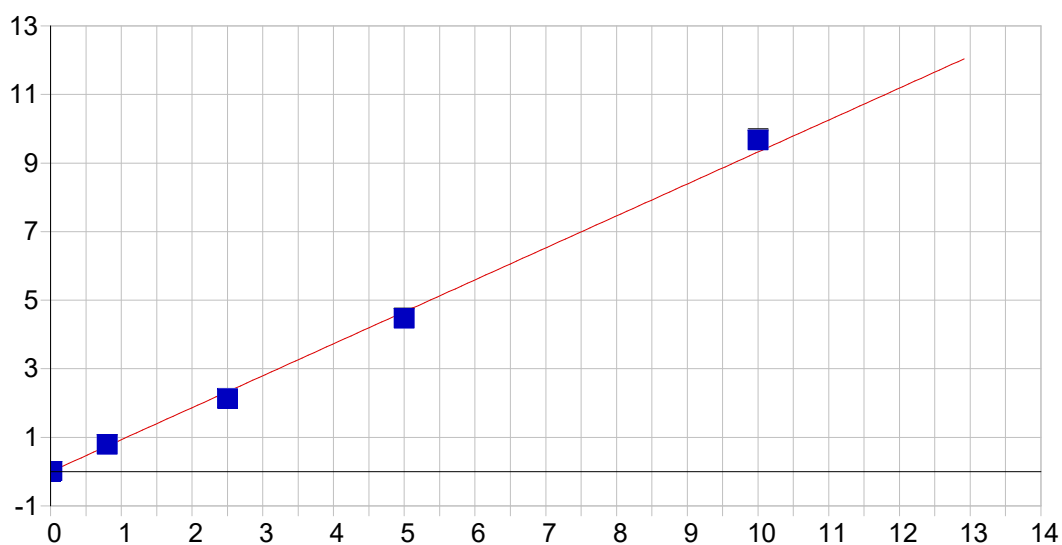
**P 177.495 {490}**

Date of Fit: 2/3/2025 12:17:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001285 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.032632  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999487  | Status:   | OK.      |
| Std Error of Est: | 0.000025  |           |          |
| Predicted MDL:    | 0.002645  |           |          |
| Predicted MQL:    | 0.008817  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00128 | .000    | 1        |
| S1        | .02000       | .01507      | -.005      | -24.7   | -.00079 | .000    | 1        |
| S3        | 2.5000       | 2.3392      | -.161      | -6.43   | .07504  | .000    | 1        |
| S4        | 5.0000       | 4.9350      | -.065      | -1.30   | .15973  | .000    | 1        |
| S5        | 10.000       | 10.180      | .180       | 1.80    | .33087  | .001    | 1        |
| S2        | .80000       | .85028      | .050       | 6.28    | .02646  | .000    | 1        |



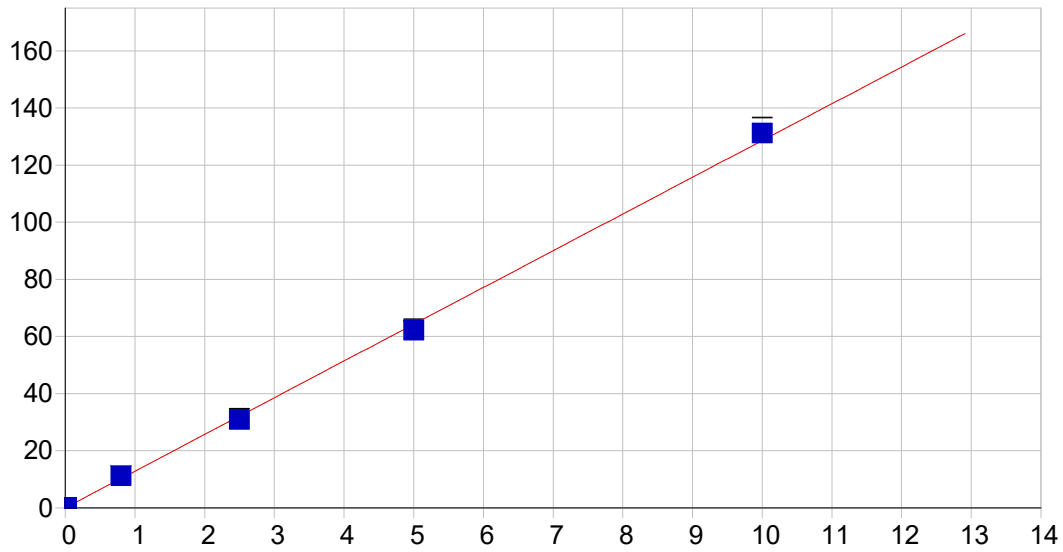


Li 670.784 { 50}

Date of Fit: 2/3/2025 12:17:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000609 Re-Slope: 1.000000  
 A1 (Gain): 0.932270 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998802 Status: OK.  
 Std Error of Est: 0.001071  
 Predicted MDL: 0.001097  
 Predicted MQL: 0.003656

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00061 | .001    | 1        |
| S5        | 10.000       | 10.376      | .376       | 3.76    | 9.6807  | .025    | 1        |
| S4        | 5.0000       | 4.7914      | -.209      | -4.17   | 4.4705  | .007    | 1        |
| S3        | 2.5000       | 2.2857      | -.214      | -8.57   | 2.1324  | .002    | 1        |
| S1        | .02000       | .01941      | -.001      | -2.95   | .01782  | .001    | 1        |
| S2        | .80000       | .84782      | .048       | 5.98    | .79046  | .003    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 2/3/2025 12:17:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001182

Re-Slope: 1.000000

A1 (Gain): 12.861902

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999436

Status: OK.

Std Error of Est: 0.010134

Predicted MDL: 0.000046

Predicted MQL: 0.000153

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00119 | .001    | 1        |
| S1        | .02000       | .01836      | -.002      | -8.18   | .23865 | .001    | 1        |
| S3        | 2.5000       | 2.4002      | -.100      | -3.99   | 30.905 | .425    | 1        |
| S4        | 5.0000       | 4.8306      | -.169      | -3.39   | 62.196 | .481    | 1        |
| S5        | 10.000       | 10.196      | .196       | 1.96    | 131.27 | 2.01    | 1        |
| S2        | .80000       | .87496      | .075       | 9.37    | 11.265 | .055    | 1        |



Date of Fit: 12/6/2024 11:45:35      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 |





**Y 224.306 {150}\***

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

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



In 230.606 {446}\*

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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| 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: 2/3/2025 11:52:16      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | -.00013 | -.00020 | -.00041 | .00028  | .00036  | -.00028 | .03912  | -.00003 |
| Stddev | .00011  | .00006  | .00012  | .00007  | .00008  | .00029  | .00175  | .00014  |
| %RSD   | 90.424  | 32.180  | 29.872  | 24.355  | 22.991  | 101.38  | 4.4653  | 416.63  |
| #1     | -.00016 | -.00028 | -.00030 | .00022  | .00029  | .00004  | .03711  | .00005  |
| #2     | -.00022 | -.00016 | -.00054 | .00035  | .00034  | -.00037 | .03999  | -.00019 |
| #3     | .00000  | -.00017 | -.00039 | .00027  | .00045  | -.00052 | .04026  | .00004  |
| 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    | .00012  | .00077  | -.00007 | -.00000 | -.00058 | .00000  | -.00009 | -.00021 |
| Stddev | .00007  | .00037  | .00006  | .00008  | .00036  | .00001  | .00001  | .00007  |
| %RSD   | 59.966  | 48.013  | 75.400  | 1855.1  | 61.792  | 14859.  | 15.352  | 33.787  |
| #1     | .00004  | .00095  | -.00003 | .00003  | -.00073 | -.00000 | -.00009 | -.00014 |
| #2     | .00019  | .00035  | -.00006 | .00005  | -.00083 | .00001  | -.00007 | -.00022 |
| #3     | .00014  | .00102  | -.00014 | -.00009 | -.00017 | -.00001 | -.00010 | -.00028 |
| 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    | -.00003 | -.00141 | .00186  | .00008  | .00403  | -.00069 | .00431  | .00025  |
| Stddev | .00014  | .00008  | .00012  | .00018  | .00033  | .00019  | .00006  | .00021  |
| %RSD   | 561.14  | 5.9268  | 6.3041  | 229.66  | 8.2979  | 28.034  | 1.4094  | 81.114  |
| #1     | -.00009 | -.00141 | .00187  | -.00003 | .00424  | -.00087 | .00437  | .00002  |
| #2     | -.00013 | -.00133 | .00174  | -.00002 | .00420  | -.00073 | .00425  | .00039  |
| #3     | .00014  | -.00149 | .00197  | .00028  | .00364  | -.00049 | .00431  | .00036  |
| 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    | .00048  | .00237  | .00010  | -.00128 | .00021  | -.00061 | .00119  |         |
| Stddev | .00007  | .00002  | .00004  | .00002  | .00005  | .00073  | .00053  |         |
| %RSD   | 13.714  | .95587  | 41.965  | 1.8085  | 25.903  | 119.76  | 44.506  |         |
| #1     | .00045  | .00238  | .00014  | -.00127 | .00015  | -.00047 | .00060  |         |
| #2     | .00055  | .00239  | .00010  | -.00131 | .00023  | -.00140 | .00161  |         |
| #3     | .00043  | .00234  | .00006  | -.00127 | .00026  | .00004  | .00137  |         |

Sample Name: S0      Acquired: 2/3/2025 11:52:16      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2949.2 | 60646. | 10975. | 1948.1 | 4650.8 |
| Stddev    | 2.1    | 39.    | 33.    | 1.7    | 4.0    |
| %RSD      | .06964 | .06356 | .30156 | .08509 | .08600 |
| #1        | 2950.4 | 60642. | 10999. | 1946.3 | 4655.3 |
| #2        | 2950.5 | 60610. | 10989. | 1948.6 | 4649.8 |
| #3        | 2946.9 | 60687. | 10937. | 1949.5 | 4647.5 |

Sample Name: S1      Acquired: 2/3/2025 11:56:41      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | .00117 | .00231 | .00259 | .00173  | .00948 | .00788 | .29654 | .02796 |
| Stddev | .00001 | .00007 | .00010 | .00006  | .00012 | .00057 | .00174 | .00008 |
| %RSD   | 1.0921 | 3.0352 | 4.0437 | 3.6919  | 1.3070 | 7.2767 | .58653 | .28176 |
| #1     | .00118 | .00227 | .00251 | .00173  | .00962 | .00751 | .29615 | .02796 |
| #2     | .00116 | .00239 | .00271 | .00167  | .00939 | .00854 | .29844 | .02804 |
| #3     | .00116 | .00226 | .00256 | .00179  | .00943 | .00759 | .29503 | .02788 |
| 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    | .01354 | .11097 | .00218 | .02555  | .01540 | .00041 | .01230 | .02809 |
| Stddev | .00018 | .00022 | .00002 | .00010  | .00025 | .00002 | .00037 | .00029 |
| %RSD   | 1.3520 | .19456 | .72349 | .38542  | 1.6409 | 4.4282 | 3.0083 | 1.0432 |
| #1     | .01370 | .11075 | .00219 | .02547  | .01521 | .00043 | .01253 | .02788 |
| #2     | .01357 | .11119 | .00216 | .02553  | .01569 | .00039 | .01249 | .02842 |
| #3     | .01334 | .11096 | .00218 | .02566  | .01529 | .00042 | .01187 | .02796 |
| 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    | .02454 | .00118 | .08076 | .00491  | .13562 | .01215 | .05261 | .14444 |
| Stddev | .00020 | .00009 | .00076 | .00015  | .00048 | .00009 | .00043 | .00015 |
| %RSD   | .79964 | 7.6813 | .94620 | 3.0707  | .35569 | .76174 | .81083 | .10714 |
| #1     | .02454 | .00114 | .08067 | .00507  | .13618 | .01221 | .05225 | .14427 |
| #2     | .02435 | .00111 | .08004 | .00488  | .13532 | .01205 | .05308 | .14457 |
| #3     | .02474 | .00128 | .08156 | .00477  | .13537 | .01220 | .05249 | .14449 |
| 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    | .00512 | .02114 | .00205 | -.00079 | .00059 | .01782 | .23865 |        |
| Stddev | .00008 | .00018 | .00002 | .00009  | .00009 | .00073 | .00103 |        |
| %RSD   | 1.6218 | .85800 | .85182 | 11.623  | 15.146 | 4.0977 | .43101 |        |
| #1     | .00512 | .02106 | .00203 | -.00088 | .00062 | .01820 | .23799 |        |
| #2     | .00504 | .02135 | .00207 | -.00081 | .00066 | .01698 | .23984 |        |
| #3     | .00520 | .02101 | .00206 | -.00069 | .00049 | .01829 | .23813 |        |

Sample Name: S1      Acquired: 2/3/2025 11:56:41      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2909.3 | 60332. | 11010. | 1947.2 | 4531.0 |
| Stddev    | 7.4    | 87.    | 72.    | 5.6    | 10.9   |
| %RSD      | .25317 | .14440 | .65140 | .28669 | .24007 |
| #1        | 2911.5 | 60234. | 11015. | 1940.9 | 4529.9 |
| #2        | 2915.4 | 60365. | 10936. | 1951.5 | 4542.3 |
| #3        | 2901.1 | 60399. | 11079. | 1949.2 | 4520.7 |

Sample Name: S2      Acquired: 2/3/2025 12:01:02      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | .06240 | .05970 | .21356 | .07113 | .16965 | .13620 | 4.9545 | .21140 |
| Stddev | .00029 | .00038 | .00090 | .00030 | .00039 | .00055 | .0257  | .00156 |
| %RSD   | .47047 | .63822 | .42006 | .41975 | .22790 | .40386 | .51857 | .73738 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06224 | .06007 | .21402 | .07130 | .16952 | .13653 | 4.9787 | .21213 |
| #2 | .06222 | .05972 | .21253 | .07078 | .16935 | .13651 | 4.9275 | .21246 |
| #3 | .06274 | .05931 | .21414 | .07130 | .17009 | .13557 | 4.9574 | .20961 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.0158 | .25262 | .04199 | .39119 | .16825 | .00433 | .27780 | .06045 |
| Stddev | .0035  | .00037 | .00020 | .00167 | .00020 | .00003 | .00034 | .00034 |
| %RSD   | .34357 | .14476 | .47457 | .42591 | .11592 | .77854 | .12080 | .55623 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0188 | .25304 | .04222 | .39192 | .16847 | .00436 | .27757 | .06063 |
| #2 | 1.0119 | .25245 | .04186 | .38928 | .16818 | .00430 | .27818 | .06006 |
| #3 | 1.0167 | .25238 | .04189 | .39236 | .16810 | .00431 | .27764 | .06065 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .28231 | .05819 | .18976 | .05761 | 1.5070 | .02890 | .43374 | .65580 |
| Stddev | .00046 | .00035 | .00180 | .00019 | .0021  | .00050 | .00264 | .00185 |
| %RSD   | .16262 | .59409 | .94819 | .32878 | .14220 | 1.7226 | .60853 | .28205 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28263 | .05859 | .19078 | .05742 | 1.5092 | .02917 | .43515 | .65538 |
| #2 | .28178 | .05799 | .18769 | .05760 | 1.5050 | .02833 | .43537 | .65419 |
| #3 | .28251 | .05798 | .19082 | .05780 | 1.5068 | .02920 | .43069 | .65782 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .10632 | .43552 | .00572 | .02646 | .02056 | .79046 | 11.265 |
| Stddev | .00032 | .00167 | .00008 | .00023 | .00002 | .00345 | .055   |
| %RSD   | .29832 | .38310 | 1.4794 | .86492 | .09793 | .43647 | .48460 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10651 | .43669 | .00581 | .02667 | .02054 | .79441 | 11.325 |
| #2 | .10595 | .43361 | .00565 | .02622 | .02058 | .78803 | 11.219 |
| #3 | .10650 | .43627 | .00570 | .02649 | .02056 | .78895 | 11.252 |

Sample Name: S2      Acquired: 2/3/2025 12:01:02      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2866.1 | 59270. | 11081. | 1890.3 | 4397.2 |
| Stddev    | 6.7    | 237.   | 54.    | 12.4   | 9.3    |
| %RSD      | .23453 | .40032 | .48825 | .65727 | .21251 |
| #1        | 2869.3 | 59008. | 11062. | 1876.0 | 4394.5 |
| #2        | 2870.6 | 59471. | 11039. | 1896.6 | 4407.6 |
| #3        | 2858.3 | 59330. | 11142. | 1898.3 | 4389.5 |

Sample Name: S3      Acquired: 2/3/2025 12:05:08      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | .17084 | .16355 | .58745 | .19354 | .46163 | .37708 | 13.399 | .59012 |
| Stddev | .00100 | .00044 | .00084 | .00069 | .00138 | .00150 | .116   | .00345 |
| %RSD   | .58429 | .26977 | .14230 | .35566 | .29898 | .39657 | .86526 | .58522 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17118 | .16361 | .58838 | .19363 | .46164 | .37822 | 13.276 | .59361 |
| #2 | .16972 | .16308 | .58722 | .19281 | .46024 | .37539 | 13.415 | .58670 |
| #3 | .17163 | .16395 | .58676 | .19418 | .46300 | .37763 | 13.507 | .59006 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7993 | .69382 | .11482 | 1.0773 | .45499 | .01170 | .75190 | .16690 |
| Stddev | .0043  | .00159 | .00017 | .0016  | .00186 | .00004 | .00406 | .00109 |
| %RSD   | .15352 | .22981 | .14859 | .14760 | .40914 | .36242 | .53941 | .65127 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8033 | .69565 | .11480 | 1.0791 | .45610 | .01173 | .75630 | .16759 |
| #2 | 2.8000 | .69311 | .11466 | 1.0759 | .45285 | .01172 | .74830 | .16565 |
| #3 | 2.7947 | .69271 | .11500 | 1.0770 | .45604 | .01165 | .75110 | .16747 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .77270 | .16053 | .50974 | .15920 | 4.1209 | .07949 | 1.2081 | 1.7942 |
| Stddev | .00152 | .00036 | .00158 | .00048 | .0102  | .00026 | .0098  | .0040  |
| %RSD   | .19722 | .22267 | .30908 | .29952 | .24692 | .33331 | .81061 | .22548 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77442 | .16066 | .50802 | .15970 | 4.1323 | .07947 | 1.2176 | 1.7964 |
| #2 | .77151 | .16013 | .51111 | .15875 | 4.1128 | .07976 | 1.1980 | 1.7896 |
| #3 | .77218 | .16081 | .51010 | .15915 | 4.1176 | .07923 | 1.2087 | 1.7968 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .29390 | 1.1822 | .01542 | .07504 | .05658 | 2.1324 | 30.905 |
| Stddev | .00056 | .0037  | .00009 | .00023 | .00018 | .0020  | .425   |
| %RSD   | .18969 | .31103 | .56426 | .30634 | .31403 | .09271 | 1.3740 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29450 | 1.1862 | .01533 | .07492 | .05653 | 2.1347 | 31.123 |
| #2 | .29379 | 1.1812 | .01544 | .07488 | .05643 | 2.1309 | 30.415 |
| #3 | .29340 | 1.1791 | .01550 | .07530 | .05678 | 2.1317 | 31.176 |

Sample Name: S3      Acquired: 2/3/2025 12:05:08      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2875.9 | 58669. | 10900. | 1858.4 | 4346.9 |
| Stddev    | 9.3    | 67.    | 57.    | 8.0    | 8.8    |
| %RSD      | .32287 | .11474 | .52199 | .43176 | .20190 |
| #1        | 2869.8 | 58617. | 10837. | 1851.8 | 4338.9 |
| #2        | 2886.6 | 58745. | 10948. | 1856.2 | 4356.3 |
| #3        | 2871.3 | 58645. | 10915. | 1867.3 | 4345.5 |

Sample Name: S4      Acquired: 2/3/2025 12:09:23      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | .34827 | .32828 | 1.1845 | .39361 | .93389 | .76982 | 27.893 | 1.1730 |
| Stddev | .00025 | .00172 | .0006  | .00128 | .00103 | .00084 | .383   | .0101  |
| %RSD   | .07138 | .52340 | .04944 | .32497 | .11058 | .10939 | 1.3742 | .85829 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .34855 | .33023 | 1.1841 | .39470 | .93464 | .77056 | 28.027 | 1.1839 |
| #2 | .34812 | .32698 | 1.1841 | .39391 | .93432 | .76890 | 28.192 | 1.1708 |
| #3 | .34813 | .32762 | 1.1851 | .39220 | .93271 | .77000 | 27.461 | 1.1642 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.7030 | 1.4223 | .22553 | 2.1797 | .90723 | .02376 | 1.5339 | .34129 |
| Stddev | .0076  | .0059  | .00059 | .0033  | .00118 | .00016 | .0027  | .00261 |
| %RSD   | .13342 | .41639 | .26320 | .15247 | .13039 | .67100 | .17496 | .76399 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6975 | 1.4251 | .22600 | 2.1766 | .90587 | .02360 | 1.5370 | .34148 |
| #2 | 5.6999 | 1.4263 | .22486 | 2.1792 | .90795 | .02376 | 1.5321 | .34379 |
| #3 | 5.7117 | 1.4155 | .22572 | 2.1832 | .90789 | .02392 | 1.5326 | .33859 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.5605 | .31646 | 1.0368 | .32663 | 8.1627 | .16300 | 2.4045 | 3.5576 |
| Stddev | .0026  | .00040 | .0074  | .00105 | .0213  | .00098 | .0244  | .0010  |
| %RSD   | .16497 | .12549 | .71256 | .32017 | .26044 | .59997 | 1.0140 | .02670 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5579 | .31689 | 1.0300 | .32738 | 8.1413 | .16201 | 2.4313 | 3.5587 |
| #2 | 1.5605 | .31638 | 1.0357 | .32708 | 8.1839 | .16303 | 2.3986 | 3.5575 |
| #3 | 1.5631 | .31611 | 1.0446 | .32544 | 8.1629 | .16397 | 2.3836 | 3.5568 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .59752 | 2.4286 | .03154 | .15973 | .11984 | 4.4705 | 62.196 |
| Stddev | .00018 | .0023  | .00029 | .00014 | .00021 | .0075  | .481   |
| %RSD   | .03052 | .09614 | .91048 | .08864 | .17894 | .16684 | .77401 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .59732 | 2.4312 | .03126 | .15957 | .11985 | 4.4779 | 62.614 |
| #2 | .59765 | 2.4268 | .03153 | .15979 | .11962 | 4.4630 | 62.306 |
| #3 | .59760 | 2.4277 | .03183 | .15983 | .12005 | 4.4705 | 61.670 |

Sample Name: S4      Acquired: 2/3/2025 12:09:23      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2760.0 | 57706. | 10610. | 1816.2 | 4069.6 |
| Stddev    | 3.4    | 159.   | 60.    | 14.2   | 5.7    |
| %RSD      | .12354 | .27520 | .56358 | .78183 | .13926 |
| #1        | 2762.8 | 57889. | 10561. | 1830.2 | 4076.0 |
| #2        | 2756.2 | 57606. | 10592. | 1801.8 | 4065.1 |
| #3        | 2761.0 | 57622. | 10676. | 1816.5 | 4067.8 |

Sample Name: S5      Acquired: 2/3/2025 12:13:36      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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    | .69029 | .64508 | 2.3757 | .77012 | 1.8406 | 1.6411 | 59.266 | 2.4668 |
| Stddev | .00199 | .00513 | .0036  | .00239 | .0042  | .0046  | .457   | .0091  |
| %RSD   | .28770 | .79572 | .15252 | .30988 | .22791 | .27899 | .77118 | .37030 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .69072 | .65100 | 2.3778 | .77230 | 1.8412 | 1.6463 | 59.698 | 2.4774 |
| #2 | .68813 | .64236 | 2.3715 | .76757 | 1.8361 | 1.6387 | 59.312 | 2.4618 |
| #3 | .69203 | .64189 | 2.3778 | .77048 | 1.8444 | 1.6381 | 58.787 | 2.4613 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.478 | 2.9929 | .44294 | 4.4188 | 1.7815 | .04733 | 3.2853 | .72881 |
| Stddev | .020   | .0070  | .00129 | .0092  | .0065  | .00005 | .0087  | .00162 |
| %RSD   | .17332 | .23390 | .29123 | .20864 | .36396 | .10795 | .26497 | .22246 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.496 | 3.0010 | .44218 | 4.4259 | 1.7811 | .04736 | 3.2953 | .73068 |
| #2 | 11.456 | 2.9891 | .44443 | 4.4084 | 1.7752 | .04735 | 3.2794 | .72795 |
| #3 | 11.481 | 2.9887 | .44222 | 4.4222 | 1.7882 | .04727 | 3.2813 | .72780 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.1413 | .63128 | 2.0715 | .69435 | 16.084 | .32751 | 5.0734 | 7.0804 |
| Stddev | .0063  | .00133 | .0050  | .00114 | .060   | .00093 | .0190  | .0214  |
| %RSD   | .19884 | .21027 | .23884 | .16356 | .37518 | .28488 | .37460 | .30205 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1468 | .63192 | 2.0695 | .69562 | 16.148 | .32668 | 5.0951 | 7.0894 |
| #2 | 3.1345 | .63216 | 2.0772 | .69343 | 16.075 | .32852 | 5.0595 | 7.0560 |
| #3 | 3.1427 | .62975 | 2.0679 | .69400 | 16.029 | .32732 | 5.0658 | 7.0959 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.1979 | 5.1973 | .06306 | .33087 | .24443 | 9.6807 | 131.27 |  |
| Stddev | .0024  | .0116  | .00036 | .00133 | .00081 | .0255  | 2.01   |  |
| %RSD   | .20019 | .22337 | .56435 | .40257 | .32942 | .26329 | 1.5313 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.2004 | 5.2105 | .06265 | .33198 | .24528 | 9.7098 | 133.44 |  |
| #2 | 1.1956 | 5.1928 | .06330 | .32940 | .24368 | 9.6694 | 130.90 |  |
| #3 | 1.1979 | 5.1887 | .06323 | .33124 | .24432 | 9.6628 | 129.47 |  |

Sample Name: S5      Acquired: 2/3/2025 12:13:36      Type: Cal  
Method: NON EPA-6010-200.7(v2499)      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       | 2704.5 | 57077. | 9776.5 | 1764.1 | 3896.1 |
| Stddev    | 11.1   | 60.    | 26.5   | 4.2    | 10.2   |
| %RSD      | .41037 | .10437 | .27057 | .23865 | .26068 |
| #1        | 2703.8 | 57140. | 9751.9 | 1759.2 | 3891.1 |
| #2        | 2716.0 | 57022. | 9804.5 | 1766.3 | 3907.8 |
| #3        | 2693.8 | 57068. | 9773.2 | 1766.7 | 3889.4 |

Sample Name: ICV01      Acquired: 2/3/2025 15:19:42      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9973080 | .9891721 | .9642014 | .9949894 | .9500109 | 2.524015 | .5207244 |
| Stddev | .0008367 | .0144790 | .0042058 | .0028566 | .0020283 | .005788  | .0006774 |
| %RSD   | .0838954 | 1.463747 | .4362005 | .2870959 | .2135016 | .2293356 | .1300805 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9972235 | .9739675 | .9602332 | .9962572 | .9482769 | 2.529996 | .5214843 |
| #2 | .9965167 | .9907529 | .9637608 | .9917183 | .9495146 | 2.523611 | .5201839 |
| #3 | .9981837 | 1.002796 | .9686102 | .9969926 | .9522413 | 2.518440 | .5205052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5186812 | .5195702 | 9.772390 | .5044757 | .5371268 | .5028173 | 10.38028 |
| Stddev | .0046842 | .0017929 | .022078  | .0029595 | .0020888 | .0020090 | .00629   |
| %RSD   | .9031050 | .3450669 | .2259221 | .5866422 | .3888845 | .3995440 | .0605664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5140024 | .5182679 | 9.751982 | .5017850 | .5351939 | .5012287 | 10.38628 |
| #2 | .5233709 | .5188277 | 9.795826 | .5076455 | .5368438 | .5021477 | 10.37374 |
| #3 | .5186703 | .5216151 | 9.769361 | .5039966 | .5393427 | .5050756 | 10.38083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5390770 | 6.025262 | .5347264 | .2445664 | 10.53407 | .4876571 | .9771019 |
| Stddev | .0005417 | .037521  | .0018825 | .0012769 | .02229   | .0022358 | .0035673 |
| %RSD   | .1004875 | .6227212 | .3520573 | .5220972 | .2115914 | .4584790 | .3650921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5390256 | 5.983938 | .5330257 | .2431957 | 10.55980 | .4865507 | .9732871 |
| #2 | .5396425 | 6.034652 | .5344042 | .2457221 | 10.52176 | .4902304 | .9803552 |
| #3 | .5385628 | 6.057195 | .5367492 | .2447815 | 10.52065 | .4861902 | .9776633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.35027 | 2.549728 | 2.561685 | 2.445715 | 2.464322 | 2.535162 | 2.519757 |
| Stddev | .03169   | .018987  | .011090  | .011225  | .005084  | .006411  | .008794  |
| %RSD   | .3061290 | .7446715 | .4329107 | .4589525 | .2063044 | .2528981 | .3490112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.32899 | 2.530083 | 2.552574 | 2.436296 | 2.469235 | 2.535617 | 2.510612 |
| #2 | 10.38668 | 2.567981 | 2.558449 | 2.442713 | 2.464647 | 2.541334 | 2.520505 |
| #3 | 10.33514 | 2.551120 | 2.574033 | 2.458135 | 2.459083 | 2.528535 | 2.528153 |

Sample Name: ICV01      Acquired: 2/3/2025 15:19:42      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.536856 | 2.590987 | 2.531152 |
| Stddev | .015648  | .004395  | .029953  |
| %RSD   | .6168348 | .1696317 | 1.183357 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.519817 | 2.595805 | 2.506826 |
| #2 | 2.540169 | 2.587196 | 2.564606 |
| #3 | 2.550582 | 2.589961 | 2.522023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2799.801 | 58208.21 | 11265.96 | 1815.501 | 4294.279 |
| Stddev    | 8.637    | 254.01   | 72.57    | 3.909    | 16.514   |
| %RSD      | .3084881 | .4363837 | .6441967 | .2153387 | .3845673 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2804.601 | 58339.75 | 11323.77 | 1812.939 | 4308.244 |
| #2 | 2804.972 | 57915.40 | 11184.51 | 1813.564 | 4298.543 |
| #3 | 2789.830 | 58369.47 | 11289.59 | 1820.001 | 4276.051 |

Sample Name: LLICV01      Acquired: 2/3/2025 15:32:40      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200675 | .0400890 | .0115575 | .0204446 | .0484062 | .0983516 | .0898426 |
| Stddev | .0016153 | .0003863 | .0004381 | .0008358 | .0003937 | .0026267 | .0005008 |
| %RSD   | 8.049561 | .9637385 | 3.790858 | 4.087917 | .8132797 | 2.670729 | .5573933 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0210332 | .0400391 | .0110817 | .0214078 | .0487249 | .0999777 | .0904204 |
| #2 | .0182026 | .0404979 | .0116463 | .0199122 | .0485276 | .0997558 | .0895732 |
| #3 | .0209666 | .0397300 | .0119444 | .0200137 | .0479661 | .0953212 | .0895341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055900 | .0056874 | 1.857851 | .0100135 | .0283397 | .0222476 | .0925216 |
| Stddev | .0000771 | .0000409 | .007827  | .0002452 | .0001856 | .0002419 | .0017760 |
| %RSD   | 1.378589 | .7196366 | .4212790 | 2.448986 | .6548218 | 1.087207 | 1.919539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056347 | .0056479 | 1.866590 | .0102817 | .0282818 | .0222770 | .0918959 |
| #2 | .0055010 | .0056848 | 1.855476 | .0098006 | .0281899 | .0219924 | .0945258 |
| #3 | .0056343 | .0057296 | 1.851486 | .0099583 | .0285473 | .0224734 | .0911433 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0187861 | 1.922150 | .0377000 | .0102005 | 1.968652 | .0366636 | .0412992 |
| Stddev | .0003021 | .020804  | .0002549 | .0002834 | .019002  | .0004101 | .0004785 |
| %RSD   | 1.608157 | 1.082318 | .6762220 | 2.778397 | .9652321 | 1.118514 | 1.158726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0190043 | 1.904634 | .0374221 | .0103894 | 1.946728 | .0367963 | .0409833 |
| #2 | .0189128 | 1.945145 | .0379229 | .0098746 | 1.978862 | .0362036 | .0418497 |
| #3 | .0184413 | 1.916672 | .0377551 | .0103376 | 1.980366 | .0369910 | .0410645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.966593 | .0880945 | .2022590 | .0380378 | .0370372 | .3258258 | .0183043 |
| Stddev | .025170  | .0020587 | .0006534 | .0005392 | .0008836 | .0027251 | .0019772 |
| %RSD   | 1.279892 | 2.336966 | .3230332 | 1.417588 | 2.385767 | .8363740 | 10.80204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.942894 | .0904716 | .2015046 | .0386599 | .0373851 | .3227085 | .0205855 |
| #2 | 1.993013 | .0868813 | .2026441 | .0377509 | .0376940 | .3270125 | .0172433 |
| #3 | 1.963872 | .0869307 | .2026283 | .0377028 | .0360326 | .3277563 | .0170839 |

Sample Name: LLICV01      Acquired: 2/3/2025 15:32:40      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0228511 | .0210960 | .0181828 |
| Stddev | .0014664 | .0007314 | .0000575 |
| %RSD   | 6.417092 | 3.467135 | .3160073 |
| #1     | .0224394 | .0202718 | .0182438 |
| #2     | .0244793 | .0213486 | .0181747 |
| #3     | .0216346 | .0216678 | .0181297 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2873.033 | 59881.11 | 11257.69 | 1854.537 | 4562.379 |
| Stddev    | 3.376    | 106.25   | 74.81    | 5.969    | 6.071    |
| %RSD      | .1175070 | .1774284 | .6645050 | .3218403 | .1330617 |
| #1        | 2876.542 | 60003.67 | 11173.87 | 1859.779 | 4569.223 |
| #2        | 2869.807 | 59824.41 | 11317.68 | 1848.041 | 4560.269 |
| #3        | 2872.750 | 59815.24 | 11281.51 | 1855.792 | 4557.644 |

Sample Name: ICB01      Acquired: 2/3/2025 15:37:00      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0007872 | -.000463 | .0003411 | .0018008 | .0005498 | .0030565 | .0003557 |
| Stddev | .0006978 | .001496  | .0002977 | .0011252 | .0011238 | .0010139 | .0005677 |
| %RSD   | 88.64944 | 323.5213 | 87.27413 | 62.48110 | 204.4038 | 33.17207 | 159.6232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015926 | -.001368 | .0006587 | .0005030 | -.000564 | .0038310 | .0001869 |
| #2 | .0003636 | -.001285 | .0002963 | .0025014 | .000530  | .0019089 | .0009886 |
| #3 | .0004054 | .001265  | .0000684 | .0023981 | .001683  | .0034295 | -.000109 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000139 | -.000118 | -.004793 | .0002332 | .0000703 | .0000284 | -.003754 |
| Stddev | .0000274 | .000044  | .007613  | .0004084 | .0000945 | .0004028 | .004636  |
| %RSD   | 197.1590 | 37.56720 | 158.8239 | 175.1155 | 134.3215 | 1419.857 | 123.5064 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | -.000068 | -.003402 | .0004063 | -.000038 | -.000377 | -.001827 |
| #2 | -.000003 | -.000150 | .002028  | -.000233 | .000116  | .000429  | -.009043 |
| #3 | .000045  | -.000138 | -.013005 | .000526  | .000133  | .000033  | -.000392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001937 | -.005204 | .0000091 | .0001034 | .0134032 | .0004896 | -.000600 |
| Stddev | .0001128 | .004452  | .0000196 | .0001614 | .0020405 | .0022611 | .000176  |
| %RSD   | 58.24755 | 85.54387 | 215.0026 | 156.0318 | 15.22428 | 461.8471 | 29.35180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002111 | -.010339 | .0000271 | .0001554 | .0116894 | .0014415 | -.000472 |
| #2 | .0000732 | -.002439 | -.000012 | -.000078 | .0156604 | .0021190 | -.000801 |
| #3 | .0002968 | -.002833 | .000012  | .000233  | .0128598 | -.002092 | -.000527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0514831 | -.006545 | -.000279 | .0000792 | .0007988 | .0108783 | -.001147 |
| Stddev | .0326403 | .000360  | .000099  | .0008933 | .0006407 | .0008123 | .001710  |
| %RSD   | 63.40005 | 5.494147 | 35.35979 | 1127.814 | 80.21578 | 7.467331 | 149.0325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0823823 | -.006943 | -.000365 | -.000948 | .0000668 | .0115150 | .000695  |
| #2 | .0547235 | -.006448 | -.000300 | .000511  | .0010715 | .0111565 | -.001453 |
| #3 | .0173434 | -.006243 | -.000171 | .000675  | .0012580 | .0099634 | -.002684 |

Sample Name: ICB01      Acquired: 2/3/2025 15:37:00      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | -.001328 | .0026169 | -.000102 |
| Stddev | .002219  | .0002362 | .000027  |
| %RSD   | 167.0219 | 9.024654 | 26.50035 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002986 | .0023454 | -.000131 |
| #2 | -.002192 | .0027310 | -.000077 |
| #3 | .001192  | .0027744 | -.000099 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2842.461 | 60356.75 | 11298.45 | 1858.292 | 4524.963 |
| Stddev    | 5.307    | 122.08   | 73.51    | 7.070    | 8.072    |
| %RSD      | .1866935 | .2022675 | .6506622 | .3804752 | .1783817 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2842.653 | 60488.78 | 11382.42 | 1854.093 | 4530.661 |
| #2 | 2847.669 | 60247.95 | 11267.24 | 1854.329 | 4528.503 |
| #3 | 2837.061 | 60333.53 | 11245.69 | 1866.455 | 4515.727 |

Sample Name: CRI01      Acquired: 2/3/2025 15:41:22      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0200186 | .0414594 | .0124773 | .0200929 | .0485051 | .0898874 | .0879750 |
| Stddev | .0018344 | .0007558 | .0009119 | .0022029 | .0007383 | .0027701 | .0008952 |
| %RSD   | 9.163330 | 1.822953 | 7.308792 | 10.96349 | 1.522159 | 3.081798 | 1.017578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0198326 | .0416924 | .0123747 | .0181927 | .0485272 | .0927774 | .0870745 |
| #2 | .0182843 | .0420712 | .0134362 | .0225074 | .0477559 | .0872551 | .0879857 |
| #3 | .0219389 | .0406145 | .0116210 | .0195786 | .0492321 | .0896298 | .0888649 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056002 | .0056976 | 1.836698 | .0101026 | .0286906 | .0219033 | .0904440 |
| Stddev | .0000207 | .0000382 | .010225  | .0003518 | .0000345 | .0004588 | .0014884 |
| %RSD   | .3694677 | .6708569 | .5566799 | 3.482134 | .1203161 | 2.094571 | 1.645645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056026 | .0057189 | 1.830279 | .0104948 | .0286697 | .0217003 | .0893405 |
| #2 | .0055784 | .0056535 | 1.848489 | .0098149 | .0287305 | .0215810 | .0898547 |
| #3 | .0056196 | .0057206 | 1.831326 | .0099980 | .0286717 | .0224285 | .0921368 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0184816 | 1.884642 | .0385974 | .0097794 | 1.931174 | .0358163 | .0403058 |
| Stddev | .0000810 | .010177  | .0001708 | .0001011 | .015233  | .0012218 | .0001437 |
| %RSD   | .4382199 | .5399753 | .4425509 | 1.033673 | .7887701 | 3.411216 | .3564129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0183905 | 1.876420 | .0386977 | .0097641 | 1.944699 | .0360502 | .0404322 |
| #2 | .0185088 | 1.881483 | .0384002 | .0098872 | 1.914673 | .0369042 | .0401495 |
| #3 | .0185455 | 1.896024 | .0386944 | .0096868 | 1.934150 | .0344945 | .0403356 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.961946 | .0886009 | .2024718 | .0378271 | .0361821 | .3193197 | .0170799 |
| Stddev | .021100  | .0005283 | .0000726 | .0011192 | .0001524 | .0056289 | .0031478 |
| %RSD   | 1.075457 | .5962628 | .0358541 | 2.958645 | .4213136 | 1.762781 | 18.42984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.982542 | .0889551 | .2023984 | .0377255 | .0363333 | .3131216 | .0197943 |
| #2 | 1.940376 | .0888540 | .2024732 | .0367622 | .0360284 | .3241136 | .0136292 |
| #3 | 1.962920 | .0879937 | .2025436 | .0389936 | .0361845 | .3207238 | .0178161 |

Sample Name: CRI01      Acquired: 2/3/2025 15:41:22      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | .0154573 | .0190406 | .0180171 |
| Stddev | .0036633 | .0006095 | .0000874 |
| %RSD   | 23.69952 | 3.201053 | .4849701 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0170898 | .0191486 | .0180849 |
| #2 | .0112615 | .0195888 | .0179185 |
| #3 | .0180205 | .0183843 | .0180480 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2865.516 | 60175.90 | 11215.53 | 1883.249 | 4505.943 |
| Stddev    | 3.496    | 127.42   | 42.52    | 3.472    | 5.403    |
| %RSD      | .1219900 | .2117446 | .3791313 | .1843809 | .1199158 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2861.934 | 60189.81 | 11262.45 | 1881.054 | 4499.731 |
| #2 | 2868.918 | 60042.10 | 11179.53 | 1887.253 | 4508.537 |
| #3 | 2865.697 | 60295.80 | 11204.60 | 1881.441 | 4509.560 |

Sample Name: ICSA01      Acquired: 2/3/2025 15:45:42      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048665 | .0106461 | .0053103 | -.018016 | -.003251 | 236.1779 |
| Stddev | .0017148 | .0027095 | .0007208 | .002153  | .001055  | 3.8469   |
| %RSD   | 35.23650 | 25.45022 | 13.57323 | 11.95229 | 32.44751 | 1.628805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066048 | .0093182 | .0047165 | -.018860 | -.002461 | 240.6149 |
| #2 | .0048184 | .0088568 | .0061122 | -.015569 | -.002842 | 234.1418 |
| #3 | .0031763 | .0137634 | .0051021 | -.019620 | -.004449 | 233.7770 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062038 | .0012993 | -.000743 | 223.3206 | .0566682 | .0013722 |
| Stddev | .0011166 | .0000812 | .000083  | .2862    | .0001924 | .0002628 |
| %RSD   | 17.99834 | 6.246278 | 11.23674 | .1281544 | .3395492 | 19.15107 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0049974 | .0012061 | -.000679 | 223.1708 | .0564469 | .0016211 |
| #2 | .0072010 | .0013544 | -.000837 | 223.6506 | .0567620 | .0010974 |
| #3 | .0064128 | .0013374 | -.000713 | 223.1404 | .0567957 | .0013982 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215722 | 100.5694 | .0032113 | 234.5105 | .0022239 | -.008866 |
| Stddev | .0002994 | .2681    | .0001112 | .1636    | .0001663 | .000036  |
| %RSD   | 1.387974 | .2665400 | 3.462054 | .0697462 | 7.477012 | .4055795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0212594 | 100.8431 | .0032443 | 234.3798 | .0023316 | -.008900 |
| #2 | .0216012 | 100.5578 | .0030873 | 234.6939 | .0020324 | -.008871 |
| #3 | .0218561 | 100.3074 | .0033021 | 234.4576 | .0023076 | -.008828 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510404 | .0096582 | .0033569 | .0945728 | .0487446 | -.000647 |
| Stddev | .0020930 | .0018804 | .0000874 | .0353159 | .0017277 | .000091  |
| %RSD   | 4.100624 | 19.46983 | 2.603518 | 37.34259 | 3.544427 | 13.99245 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0530621 | .0117821 | .0033107 | .0628400 | .0504055 | -.000732 |
| #2 | .0488828 | .0089870 | .0034577 | .0882584 | .0469570 | -.000659 |
| #3 | .0511762 | .0082054 | .0033023 | .1326199 | .0488713 | -.000552 |

Sample Name: ICSA01      Acquired: 2/3/2025 15:45:42      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |                                             |
|--------|----------|----------|----------|----------|----------|---------------------------------------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707                                      |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm                                         |
| Avg    | -.003122 | -.001429 | .0233832 | .0047995 | -.018382 | <span style="color: red;">F</span> -.034161 |
| Stddev | .001262  | .000029  | .0097312 | .0030276 | .001694  | .000490                                     |
| %RSD   | 40.43399 | 2.053473 | 41.61608 | 63.08267 | 9.214858 | 1.435187                                    |
| #1     | -.004395 | -.001407 | .0324757 | .0034970 | -.016455 | -.034401                                    |
| #2     | -.003102 | -.001462 | .0131194 | .0026410 | -.019051 | -.034485                                    |
| #3     | -.001870 | -.001417 | .0245545 | .0082604 | -.019639 | -.033597                                    |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.007363 |
| Stddev | .000076  |
| %RSD   | 1.029225 |
| #1     | -.007443 |
| #2     | -.007293 |
| #3     | -.007353 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2577.924 | 52702.84 | 10657.67 | 1678.192 | 3666.611 |
| Stddev    | 5.211    | 132.76   | 35.05    | 10.089   | 6.962    |
| %RSD      | .2021287 | .2519089 | .3288316 | .6011976 | .1898753 |
| #1        | 2579.286 | 52629.37 | 10677.83 | 1673.326 | 3669.181 |
| #2        | 2582.319 | 52623.05 | 10617.20 | 1671.457 | 3671.923 |
| #3        | 2572.168 | 52856.10 | 10677.98 | 1689.792 | 3658.729 |

Sample Name: ICSAB01      Acquired: 2/3/2025 16:19:44      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .1089778 | .0962417 | .0552804 | .0297136 | .5743681 | 234.4290 | .4591330 |
| Stddev | .0010614 | .0055126 | .0024836 | .0026865 | .0006227 | 2.6053   | .0022227 |
| %RSD   | .9739117 | 5.727854 | 4.492765 | 9.041351 | .1084163 | 1.111339 | .4840965 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1102002 | .0931343 | .0540110 | .0285560 | .5739142 | 232.5848 | .4565666 |
| #2 | .1082912 | .0929843 | .0581421 | .0278000 | .5750780 | 233.2927 | .4604131 |
| #3 | .1084420 | .1026065 | .0536880 | .0327849 | .5741122 | 237.4094 | .4604194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4564696 | .9703797 | 217.1826 | .5472442 | .4894867 | .4951896 | 99.00316 |
| Stddev | .0014688 | .0020568 | .6645    | .0001888 | .0006947 | .0017647 | .51869   |
| %RSD   | .3217644 | .2119577 | .3059848 | .0345002 | .1419178 | .3563583 | .5239127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4574563 | .9706004 | 216.6371 | .5471799 | .4902118 | .4967857 | 98.46539 |
| #2 | .4547816 | .9723172 | 216.9879 | .5470960 | .4888271 | .4932946 | 99.50039 |
| #3 | .4571708 | .9682214 | 217.9227 | .5474568 | .4894212 | .4954886 | 99.04370 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4445411 | 226.7411 | .9682157 | .2054706 | .0663148 | .4448316 | 1.025357 |
| Stddev | .0012953 | .6056    | .0010696 | .0009042 | .0048205 | .0051692 | .000749  |
| %RSD   | .2913843 | .2671057 | .1104684 | .4400638 | 7.269142 | 1.162054 | .0730639 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4438619 | 226.2002 | .9689041 | .2056398 | .0625289 | .4404438 | 1.025234 |
| #2 | .4437267 | 226.6278 | .9687596 | .2062783 | .0717415 | .4435210 | 1.026160 |
| #3 | .4460348 | 227.3954 | .9669835 | .2044938 | .0646740 | .4505299 | 1.024677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0793718 | .9587976 | 1.057847 | 1.045562 | .9699902 | .8681727 | .8961865 |
| Stddev | .0340102 | .0020657 | .001011  | .001222  | .0024993 | .0215418 | .0038404 |
| %RSD   | 42.84924 | .2154424 | .0955666 | .1168294 | .2576649 | 2.481278 | .4285287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0484178 | .9592784 | 1.057995 | 1.044922 | .9671331 | .8592314 | .8952472 |
| #2 | .0739184 | .9565339 | 1.056770 | 1.044793 | .9710661 | .8927453 | .8929029 |
| #3 | .1157792 | .9605805 | 1.058775 | 1.046970 | .9717714 | .8525415 | .9004095 |

Sample Name: ICSAB01      Acquired: 2/3/2025 16:19:44      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | .9778627 | .8745862 | 1.000486 |
| Stddev | .0024258 | .0053632 | .002954  |
| %RSD   | .2480702 | .6132278 | .2952765 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9802365 | .8686454 | .997081  |
| #2 | .9753880 | .8790711 | 1.002015 |
| #3 | .9779635 | .8760421 | 1.002362 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2536.146 | 52418.21 | 10812.97 | 1649.645 | 3625.503 |
| Stddev    | 1.847    | 121.57   | 57.67    | 6.418    | 1.946    |
| %RSD      | .0728441 | .2319152 | .5333241 | .3890512 | .0536690 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2535.399 | 52557.79 | 10824.08 | 1657.051 | 3625.786 |
| #2 | 2538.250 | 52361.29 | 10864.27 | 1645.694 | 3623.431 |
| #3 | 2534.789 | 52335.54 | 10750.55 | 1646.191 | 3627.292 |

Sample Name: ICSADLX20      Acquired: 2/3/2025 16:23:55      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0019318 | -.000651 | .0014984 | .0027628 | .0000351 | 11.60052 | .0006665 |
| Stddev | .0019032 | .001149  | .0003936 | .0012600 | .0013238 | .01037   | .0001530 |
| %RSD   | 98.52070 | 176.5312 | 26.27108 | 45.60403 | 3770.691 | .0893582 | 22.95229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007009 | .000652  | .0018143 | .0036884 | -.000881 | 11.61243 | .0008430 |
| #2 | .0009705 | -.001519 | .0010574 | .0032721 | .001553  | 11.59349 | .0005829 |
| #3 | .0041239 | -.001084 | .0016234 | .0013279 | -.000567 | 11.59565 | .0005735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001176 | -.000163 | 11.36077 | .0029438 | -.000093 | .0011833 | 4.868853 |
| Stddev | .0000410 | .000043  | .01722   | .0001723 | .000082  | .0002897 | .034793  |
| %RSD   | 34.84184 | 26.21808 | .1515972 | 5.854328 | 88.50511 | 24.48459 | .7146064 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001532 | -.000120 | 11.36794 | .0028636 | -.000178 | .0009410 | 4.868407 |
| #2 | .0001269 | -.000205 | 11.34112 | .0031417 | -.000087 | .0011047 | 4.903866 |
| #3 | .0000728 | -.000163 | 11.37324 | .0028262 | -.000014 | .0015042 | 4.834284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002101 | 11.27012 | .0000319 | -.000573 | .0473904 | .0002222 | -.000461 |
| Stddev | .0001631 | .05121   | .0000942 | .000269  | .0029445 | .0013739 | .000169  |
| %RSD   | 77.64524 | .4543644 | 295.5664 | 46.97304 | 6.213279 | 618.3569 | 36.65938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003117 | 11.31236 | .0001405 | -.000759 | .0507771 | .0009078 | -.000652 |
| #2 | .0002966 | 11.21316 | -.000018 | -.000694 | .0459575 | .0011184 | -.000330 |
| #3 | .0000219 | 11.28483 | -.000027 | -.000264 | .0454367 | -.001360 | -.000402 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0650038 | -.002398 | -.000085 | -.000977 | .0007038 | .0058026 | -.002483 |
| Stddev | .0409471 | .000370  | .000198  | .000216  | .0001612 | .0086000 | .003535  |
| %RSD   | 62.99183 | 15.44326 | 233.2384 | 22.12905 | 22.90771 | 148.2096 | 142.3428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0224347 | -.001977 | -.000108 | -.000978 | .0007977 | .0153892 | -.005571 |
| #2 | .0684680 | -.002671 | -.000270 | -.000761 | .0005177 | -.001234 | .001372  |
| #3 | .1041088 | -.002547 | .000123  | -.001193 | .0007962 | .003253  | -.003252 |

Sample Name: ICSADLX20      Acquired: 2/3/2025 16:23:55      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | -.002321 | -.000483 | -.000312 |
| Stddev | .001674  | .000607  | .000022  |
| %RSD   | 72.11423 | 125.5695 | 6.989020 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003043 | -.000075 | -.000313 |
| #2 | -.003513 | -.001180 | -.000333 |
| #3 | -.000407 | -.000194 | -.000290 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2825.043 | 58660.82 | 11027.61 | 1856.718 | 4349.536 |
| Stddev    | 5.566    | 171.39   | 72.31    | 6.617    | 3.945    |
| %RSD      | .1970104 | .2921742 | .6557445 | .3563867 | .0907090 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2821.991 | 58567.00 | 10969.51 | 1852.982 | 4345.589 |
| #2 | 2831.467 | 58556.83 | 11108.60 | 1852.813 | 4353.480 |
| #3 | 2821.672 | 58858.64 | 11004.71 | 1864.358 | 4349.539 |

Sample Name: ICSABDLX20      Acquired: 2/3/2025 16:28:13      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0050391 | .0052811 | .0036345 | .0040380 | .0279906 | 11.69261 | .0247342 |
| Stddev | .0008420 | .0021685 | .0005151 | .0025582 | .0009601 | .03177   | .0007419 |
| %RSD   | 16.70900 | 41.06231 | 14.17192 | 63.35293 | 3.429929 | .2717264 | 2.999467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042466 | .0041985 | .0031618 | .0046766 | .0286732 | 11.70393 | .0251241 |
| #2 | .0059231 | .0077777 | .0035583 | .0012210 | .0284057 | 11.71718 | .0251998 |
| #3 | .0049477 | .0038670 | .0041834 | .0062165 | .0268928 | 11.65673 | .0238787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0240034 | .0481721 | 11.49002 | .0283442 | .0239992 | .0266775 | 4.892049 |
| Stddev | .0001391 | .0001459 | .02913   | .0002614 | .0001428 | .0002271 | .007751  |
| %RSD   | .5793759 | .3028047 | .2535443 | .9223704 | .5951800 | .8511611 | .1584443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0238959 | .0482175 | 11.52331 | .0286186 | .0239294 | .0266783 | 4.900934 |
| #2 | .0239539 | .0480090 | 11.47757 | .0280980 | .0241635 | .0269041 | 4.886671 |
| #3 | .0241605 | .0482899 | 11.46919 | .0283160 | .0239047 | .0264500 | 4.888542 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0240915 | 11.35363 | .0485088 | .0094702 | .0482115 | .0214274 | .0506593 |
| Stddev | .0003783 | .00416   | .0001345 | .0001361 | .0018691 | .0007329 | .0002734 |
| %RSD   | 1.570085 | .0366260 | .2772096 | 1.436988 | 3.876898 | 3.420237 | .5395964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0239992 | 11.35669 | .0484231 | .0096106 | .0479877 | .0206291 | .0506349 |
| #2 | .0237680 | 11.34889 | .0484395 | .0093389 | .0464644 | .0220697 | .0503990 |
| #3 | .0245074 | 11.35529 | .0486638 | .0094609 | .0501824 | .0215835 | .0509440 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0321214 | .0474204 | .0555935 | .0521331 | .0523473 | .0399952 | .0001489 |
| Stddev | .0199485 | .0002564 | .0003613 | .0005431 | .0003314 | .0014987 | .0006595 |
| %RSD   | 62.10355 | .5406974 | .6499066 | 1.041714 | .6331099 | 3.747214 | 442.8535 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0229052 | .0475390 | .0557913 | .0521792 | .0525831 | .0391241 | .0008850 |
| #2 | .0184473 | .0475961 | .0551765 | .0515683 | .0519684 | .0417257 | -.000388 |
| #3 | .0550118 | .0471262 | .0558128 | .0526515 | .0524905 | .0391357 | -.000050 |

Sample Name: ICSABDLX20      Acquired: 2/3/2025 16:28:13      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.000941 | .0016250 | -.000263 |
| Stddev | .002853  | .0002404 | .000006  |
| %RSD   | 303.0688 | 14.79202 | 2.208628 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004233 | .0014122 | -.000259 |
| #2 | .000613  | .0018858 | -.000270 |
| #3 | .000797  | .0015771 | -.000262 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2857.406 | 59596.24 | 11085.15 | 1876.339 | 4431.542 |
| Stddev    | 6.656    | 187.46   | 24.53    | 10.201   | 12.346   |
| %RSD      | .2329462 | .3145456 | .2213218 | .5436574 | .2786029 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2861.272 | 59524.16 | 11075.24 | 1865.041 | 4434.515 |
| #2 | 2861.225 | 59455.52 | 11067.12 | 1879.102 | 4442.131 |
| #3 | 2849.720 | 59809.04 | 11113.09 | 1884.873 | 4417.981 |

Sample Name: CCV01      Acquired: 2/3/2025 17:36:31      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | 5.250988 | 5.009164 | 5.068493 | 5.115824 | 4.870496 | 9.665066 | 9.853593 |
| Stddev | .005533  | .017994  | .016415  | .005484  | .001449  | .025575  | .038772  |
| %RSD   | .1053641 | .3592157 | .3238719 | .1072043 | .0297526 | .2646175 | .3934856 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.253047 | 4.992805 | 5.058797 | 5.112998 | 4.869293 | 9.641572 | 9.888180 |
| #2 | 5.244721 | 5.006252 | 5.059237 | 5.122145 | 4.872105 | 9.661317 | 9.811680 |
| #3 | 5.255196 | 5.028437 | 5.087447 | 5.112329 | 4.870091 | 9.692309 | 9.860918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2375653 | 2.488606 | 23.78036 | .9937905 | 2.466393 | 1.269797 | 4.967452 |
| Stddev | .0038933 | .009000  | .12666   | .0012361 | .009855  | .002194  | .077212  |
| %RSD   | 1.638830 | .3616316 | .5326045 | .1243776 | .3995607 | .1728090 | 1.554362 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2342846 | 2.481623 | 23.68447 | .9952138 | 2.459783 | 1.267900 | 5.050018 |
| #2 | .2365438 | 2.485433 | 23.73266 | .9929865 | 2.461676 | 1.269292 | 4.955305 |
| #3 | .2418675 | 2.498763 | 23.92393 | .9931712 | 2.477720 | 1.272200 | 4.897033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.369499 | 25.24128 | 2.475889 | 1.244223 | 25.46252 | 2.411116 | 2.496932 |
| Stddev | .013451  | .10978   | .010163  | .000244  | .43114   | .006602  | .009115  |
| %RSD   | .5676898 | .4349411 | .4104920 | .0196112 | 1.693244 | .2738266 | .3650631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.356783 | 25.16646 | 2.468492 | 1.244337 | 25.82337 | 2.405108 | 2.503649 |
| #2 | 2.368133 | 25.19008 | 2.471696 | 1.244388 | 25.57913 | 2.418184 | 2.500590 |
| #3 | 2.383582 | 25.36732 | 2.487477 | 1.243942 | 24.98507 | 2.410056 | 2.486555 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.98718 | 4.722688 | 5.027306 | 4.945625 | 4.838217 | 4.859618 | 4.979053 |
| Stddev | .36384   | .078032  | .009036  | .022467  | .003290  | .040922  | .018064  |
| %RSD   | 1.456104 | 1.652278 | .1797474 | .4542727 | .0679977 | .8420870 | .3627999 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.30751 | 4.658365 | 5.022563 | 4.928660 | 4.834536 | 4.900307 | 4.964047 |
| #2 | 25.06243 | 4.700205 | 5.021630 | 4.937111 | 4.839246 | 4.860081 | 4.974009 |
| #3 | 24.59160 | 4.809493 | 5.037727 | 4.971104 | 4.840870 | 4.818467 | 4.999103 |

Sample Name: CCV01      Acquired: 2/3/2025 17:36:31      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | 5.063255 | 4.855137 | 4.880300 |
| Stddev | .014624  | .015172  | .126447  |
| %RSD   | .2888296 | .3124918 | 2.590972 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.046662 | 4.861245 | 4.752529 |
| #2 | 5.068834 | 4.866302 | 4.882989 |
| #3 | 5.074268 | 4.837863 | 5.005381 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2726.161 | 57830.27 | 10703.60 | 1788.953 | 4046.057 |
| Stddev    | 2.479    | 269.56   | 144.33   | 13.455   | 9.521    |
| %RSD      | .0909238 | .4661176 | 1.348436 | .7521181 | .2353061 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2724.284 | 57520.13 | 10810.04 | 1776.738 | 4051.168 |
| #2 | 2728.970 | 57962.59 | 10761.44 | 1786.745 | 4051.932 |
| #3 | 2725.228 | 58008.10 | 10539.32 | 1803.375 | 4035.073 |

Sample Name: CCB01      Acquired: 2/3/2025 18:04:53      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.000958 | .0000520 | .0003367 | .0006118 | .0004408 | .0019583 | .0008121 |
| Stddev | .001375  | .0007227 | .0002985 | .0017129 | .0014798 | .0044221 | .0006166 |
| %RSD   | 143.5550 | 1390.688 | 88.64631 | 279.9569 | 335.6795 | 225.8119 | 75.92780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000166 | -.000720 | -.000002 | -.001216 | .0020642 | .0070337 | .0013154 |
| #2 | -.000162 | .000164  | .000449  | .002180  | .0000908 | -.000094 | .0009965 |
| #3 | -.002545 | .000712  | .000563  | .000872  | -.000833 | -.001065 | .0001243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000126 | -.000054 | .0011750 | .0001444 | .0000446 | .0000106 | .0011016 |
| Stddev | .0000366 | .000081  | .0027643 | .0001715 | .0001160 | .0001311 | .0034252 |
| %RSD   | 289.8128 | 150.2511 | 235.2668 | 118.7256 | 259.9829 | 1231.847 | 310.9274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000028 | .000009  | -.000612 | .0001698 | -.000070 | .0001098 | -.001606 |
| #2 | .000043  | -.000145 | .004359  | -.000038 | .000162  | .0000601 | .004952  |
| #3 | .000023  | -.000025 | -.000222 | .000302  | .000042  | -.000138 | -.000042 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000128 | -.010649 | -.000135 | -.000247 | .0278052 | .0001806 | -.000715 |
| Stddev | .000121  | .001498  | .000091  | .000147  | .0017312 | .0010622 | .000262  |
| %RSD   | 94.21968 | 14.07068 | 67.38532 | 59.63979 | 6.226130 | 588.1017 | 36.62950 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000076 | -.008992 | -.000217 | -.000289 | .0259981 | .0009394 | -.000499 |
| #2 | -.000266 | -.011910 | -.000151 | -.000083 | .0294489 | .0006357 | -.001007 |
| #3 | -.000042 | -.011045 | -.000037 | -.000368 | .0279686 | -.001033 | -.000640 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0759524 | .0038175 | -.000126 | .0003470 | .0005119 | .0170211 | .0027000 |
| Stddev | .0131537 | .0001913 | .000218  | .0002499 | .0002335 | .0024841 | .0011367 |
| %RSD   | 17.31831 | 5.011551 | 172.6035 | 72.03196 | 45.60905 | 14.59439 | 42.09824 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0728610 | .0039857 | -.000092 | .0006113 | .0007807 | .0165720 | .0040104 |
| #2 | .0646197 | .0036094 | .000072  | .0001145 | .0003601 | .0196992 | .0019809 |
| #3 | .0903764 | .0038576 | -.000359 | .0003150 | .0003949 | .0147922 | .0021087 |

Sample Name: CCB01      Acquired: 2/3/2025 18:04:53      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | -.002008 | .0022023 | -.000049 |
| Stddev | .001540  | .0002728 | .000038  |
| %RSD   | 76.69293 | 12.38908 | 76.50026 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001663 | .0021697 | -.000088 |
| #2 | -.000670 | .0024899 | -.000012 |
| #3 | -.003692 | .0019472 | -.000048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2855.204 | 59198.68 | 11098.23 | 1852.226 | 4582.615 |
| Stddev    | 10.713   | 15.62    | 45.22    | 5.279    | 19.181   |
| %RSD      | .3751968 | .0263808 | .4074517 | .2850177 | .4185512 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2858.587 | 59216.06 | 11048.47 | 1851.601 | 4601.619 |
| #2 | 2863.818 | 59185.84 | 11109.43 | 1857.790 | 4582.964 |
| #3 | 2843.209 | 59194.12 | 11136.80 | 1847.287 | 4563.263 |

Sample Name: Q1244-01      Acquired: 2/3/2025 18:09:13      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0311661 | -.018803 | .9901879 | -.049547 | -.001455 | 76.28277 |
| Stddev | .0009079 | .002002  | .0013356 | .000867  | .000777  | .14878   |
| %RSD   | 2.913125 | 10.64870 | .1348786 | 1.750501 | 53.39692 | .1950388 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0316975 | -.021114 | .9910670 | -.049113 | -.001138 | 76.14533 |
| #2 | .0301177 | -.017609 | .9908457 | -.050545 | -.000886 | 76.44076 |
| #3 | .0316829 | -.017685 | .9886511 | -.048982 | -.002340 | 76.26222 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3303673 | .0061619 | .0124986 | 59.00149 | .1462364 | .1106721 |
| Stddev | .0007120 | .0000369 | .0002480 | .08349   | .0005565 | .0004566 |
| %RSD   | .2155068 | .5983279 | 1.984656 | .1415012 | .3805604 | .4125263 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3297188 | .0061662 | .0124596 | 58.95745 | .1456007 | .1103218 |
| #2 | .3311291 | .0061964 | .0122724 | 59.09778 | .1466360 | .1105061 |
| #3 | .3302540 | .0061231 | .0127639 | 58.94926 | .1464724 | .1111884 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3630421 | 217.9974 | 2.279099 | 30.92165 | .1609091 | -.019158 |
| Stddev | .0014504 | .1853    | .004236  | .04464   | .0004728 | .000262  |
| %RSD   | .3995185 | .0850063 | .1858495 | .1443557 | .2938542 | 1.367525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3618721 | 218.2025 | 2.274276 | 30.93618 | .1612158 | -.018858 |
| #2 | .3625893 | 217.9476 | 2.282214 | 30.95722 | .1603646 | -.019344 |
| #3 | .3646649 | 217.8421 | 2.280806 | 30.87156 | .1611470 | -.019271 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.04481 | .2632311 | .4164324 | 11.47941 | .1364904 | .0094213 |
| Stddev | .01923   | .0014294 | .0008337 | .02198   | .0008039 | .0001692 |
| %RSD   | .0834428 | .5430230 | .2001981 | .1914620 | .5889857 | 1.796376 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 23.02474 | .2647131 | .4163253 | 11.49619 | .1373146 | .0092261 |
| #2 | 23.04663 | .2631193 | .4173144 | 11.48751 | .1364481 | .0095111 |
| #3 | 23.06307 | .2618609 | .4156574 | 11.45453 | .1357085 | .0095267 |

Sample Name: Q1244-01      Acquired: 2/3/2025 18:09:13      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0023759 | 4.160575 | 5.516122 | F 11.70676 | 8.100583 | .0760938 |
| Stddev | .0012787 | .005866  | .011707  | .01242     | .019780  | .0004012 |
| %RSD   | 53.81782 | .1409959 | .2122298 | .1060628   | .2441754 | .5271809 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009906 | 4.159949 | 5.514436 | 11.71278 | 8.081188 | .0762878 |
| #2 | .0026263 | 4.166730 | 5.528581 | 11.69248 | 8.099835 | .0756325 |
| #3 | .0035108 | 4.155047 | 5.505351 | 11.71502 | 8.120726 | .0763610 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.084521 |
| Stddev | .000172  |
| %RSD   | .2040909 |

|    |          |
|----|----------|
| #1 | -.084719 |
| #2 | -.084441 |
| #3 | -.084404 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3838.319 | 80736.51 | 15841.46 | 2493.329 | 3888.761 |
| Stddev    | 15.823   | 80.39    | 41.39    | 9.492    | 10.197   |
| %RSD      | .4122399 | .0995710 | .2612892 | .3807074 | .2622062 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3853.426 | 80782.00 | 15879.95 | 2504.290 | 3898.611 |
| #2 | 3839.666 | 80643.69 | 15797.67 | 2487.839 | 3889.421 |
| #3 | 3821.866 | 80783.84 | 15846.75 | 2487.859 | 3878.250 |

Sample Name: Q1221-02      Acquired: 2/3/2025 18:13:17      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.004079 | -.010070 | .0017041 | .0039691 | .0027831 | .0408912 | .0598730 |
| Stddev | .001694  | .001265  | .0006804 | .0019834 | .0013510 | .0103791 | .0010818 |
| %RSD   | 41.54011 | 12.56037 | 39.93006 | 49.97182 | 48.54365 | 25.38216 | 1.806806 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005267 | -.008758 | .0009785 | .0032542 | .0017250 | .0321380 | .0610936 |
| #2 | -.004831 | -.011282 | .0018057 | .0062108 | .0023195 | .0523573 | .0594926 |
| #3 | -.002139 | -.010168 | .0023280 | .0024422 | .0043049 | .0381782 | .0590328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000202 | -.000202 | 171.6419 | .0015505 | -.000778 | .0008797 | .0124360 |
| Stddev | .000021  | .000068  | .2010    | .0003086 | .000202  | .0002772 | .0007837 |
| %RSD   | 10.30816 | 33.49086 | .1171056 | 19.90321 | 26.00459 | 31.50935 | 6.301641 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000179 | -.000193 | 171.8325 | .0012609 | -.001012 | .0011862 | .0127490 |
| #2 | -.000221 | -.000273 | 171.6614 | .0018751 | -.000659 | .0006467 | .0115442 |
| #3 | -.000206 | -.000139 | 171.4319 | .0015156 | -.000664 | .0008061 | .0130147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010692 | .0896954 | .0002834 | -.000419 | 315.1109 | .0015899 | .0054116 |
| Stddev | .0001542 | .0049615 | .0002166 | .000132  | .8560    | .0018416 | .0003073 |
| %RSD   | 14.42195 | 5.531438 | 76.44150 | 31.60206 | .2716471 | 115.8258 | 5.678803 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012419 | .0854612 | .0005059 | -.000312 | 314.4796 | .0011546 | .0050597 |
| #2 | .0010206 | .0884704 | .0002713 | -.000378 | 316.0852 | .0036101 | .0056271 |
| #3 | .0009452 | .0951546 | .0000731 | -.000567 | 314.7679 | .0000050 | .0055480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.517018 | .0282208 | .0013465 | -.004567 | -.003181 | 3.063125 | .0054614 |
| Stddev | .019324  | .0005276 | .0002024 | .000458  | .000405  | .029235  | .0011504 |
| %RSD   | 1.273787 | 1.869470 | 15.02961 | 10.02310 | 12.71792 | .9544252 | 21.06474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.495833 | .0287682 | .0013297 | -.004274 | -.002714 | 3.029371 | .0054578 |
| #2 | 1.521544 | .0277155 | .0015567 | -.004333 | -.003400 | 3.080415 | .0043127 |
| #3 | 1.533676 | .0281788 | .0011530 | -.005094 | -.003428 | 3.079590 | .0066136 |

Sample Name: Q1221-02      Acquired: 2/3/2025 18:13:17      Type: Unk  
 Method: NON EPA-6010-200.7(v2499)      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    | 5.300340 | -.021719 | 2.041193 |
| Stddev | .042552  | .000695  | .015115  |
| %RSD   | .8028186 | 3.200165 | .7405092 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.266942 | -.021176 | 2.058540 |
| #2 | 5.285829 | -.021479 | 2.034188 |
| #3 | 5.348250 | -.022502 | 2.030851 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2528.483 | 53620.94 | 10913.15 | 1633.873 | 3764.831 |
| Stddev    | 18.803   | 21.95    | 93.03    | 6.306    | 23.567   |
| %RSD      | .7436309 | .0409445 | .8524405 | .3859381 | .6259692 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2541.219 | 53637.02 | 10805.81 | 1638.171 | 3775.874 |
| #2 | 2537.343 | 53629.87 | 10963.33 | 1626.634 | 3780.849 |
| #3 | 2506.888 | 53595.93 | 10970.33 | 1636.814 | 3737.771 |

Sample Name: CCV02      Acquired: 2/3/2025 18:53:28      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | 4.898817 | 4.834317 | 4.782931 | 4.923694 | 4.722885 | 9.467661 | 9.662964 |
| Stddev | .029706  | .036212  | .019047  | .027569  | .025186  | .005352  | .209787  |
| %RSD   | .6064009 | .7490607 | .3982307 | .5599260 | .5332854 | .0565273 | 2.171046 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.886371 | 4.801319 | 4.771396 | 4.913062 | 4.712935 | 9.473011 | 9.638094 |
| #2 | 4.877359 | 4.828575 | 4.772480 | 4.903025 | 4.704194 | 9.462307 | 9.884078 |
| #3 | 4.932723 | 4.873057 | 4.804915 | 4.954996 | 4.751526 | 9.467664 | 9.466720 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2295778 | 2.385995 | 23.20416 | .9769795 | 2.391772 | 1.234253 | 4.937881 |
| Stddev | .0006125 | .009116  | .04266   | .0035734 | .010822  | .006300  | .041537  |
| %RSD   | .2668081 | .3820596 | .1838646 | .3657579 | .4524767 | .5104435 | .8411985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2295307 | 2.379595 | 23.17094 | .9808130 | 2.384108 | 1.232496 | 4.958117 |
| #2 | .2302125 | 2.381957 | 23.25228 | .9737409 | 2.387055 | 1.229017 | 4.890103 |
| #3 | .2289901 | 2.396432 | 23.18927 | .9763846 | 2.404152 | 1.241245 | 4.965422 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.311662 | 25.68113 | 2.399342 | 1.226457 | 25.56993 | 2.358184 | 2.467863 |
| Stddev | .001876  | .08146   | .009350  | .000702  | .15934   | .006108  | .007678  |
| %RSD   | .0811574 | .3171910 | .3896772 | .0572519 | .6231686 | .2590069 | .3111351 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.311188 | 25.61140 | 2.394070 | 1.225830 | 25.70565 | 2.361950 | 2.461275 |
| #2 | 2.310068 | 25.77067 | 2.393819 | 1.227216 | 25.39448 | 2.361466 | 2.476295 |
| #3 | 2.313729 | 25.66132 | 2.410137 | 1.226325 | 25.60967 | 2.351137 | 2.466017 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.14048 | 4.631350 | 4.926142 | 4.785347 | 4.725419 | 4.992452 | 4.780534 |
| Stddev | .11364   | .014893  | .025257  | .023904  | .007328  | .029984  | .021678  |
| %RSD   | .4520368 | .3215694 | .5127120 | .4995155 | .1550693 | .6005892 | .4534657 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.19780 | 4.623457 | 4.916626 | 4.770885 | 4.733576 | 5.004232 | 4.770569 |
| #2 | 25.00959 | 4.648528 | 4.907026 | 4.772218 | 4.723287 | 4.958366 | 4.765631 |
| #3 | 25.21405 | 4.622064 | 4.954775 | 4.812938 | 4.719393 | 5.014757 | 4.805403 |

Sample Name: CCV02      Acquired: 2/3/2025 18:53:28      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | 4.794409 | 4.800164 | 4.728916 |
| Stddev | .020229  | .016654  | .003891  |
| %RSD   | .4219325 | .3469489 | .0822904 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.778503 | 4.818256 | 4.732208 |
| #2 | 4.787548 | 4.785472 | 4.729919 |
| #3 | 4.817176 | 4.796766 | 4.724621 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2748.525 | 57682.93 | 10896.64 | 1774.725 | 4101.370 |
| Stddev    | 13.646   | 170.60   | 14.40    | 3.717    | 18.532   |
| %RSD      | .4964841 | .2957549 | .1321404 | .2094529 | .4518513 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2752.950 | 57546.25 | 10898.97 | 1776.990 | 4112.079 |
| #2 | 2759.409 | 57874.13 | 10881.21 | 1770.435 | 4112.061 |
| #3 | 2733.216 | 57628.42 | 10909.72 | 1776.750 | 4079.971 |

Sample Name: CCB02      Acquired: 2/3/2025 18:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | .0006020 | .0002460 | .0005914 | .0002058 | .0000589 | .0004394 | -.001132 |
| Stddev | .0014331 | .0013381 | .0008261 | .0005477 | .0009960 | .0029404 | .000260  |
| %RSD   | 238.0570 | 543.9004 | 139.6825 | 266.1589 | 1691.743 | 669.2215 | 22.97409 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000871 | .0008714 | .0003146 | -.000400 | -.001081 | .0026268 | -.001001 |
| #2 | .000685  | .0011569 | -.000061 | .000353  | .000494  | -.002903 | -.001431 |
| #3 | .001992  | -.001290 | .001520  | .000665  | .000764  | .001595  | -.000963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000055 | -.000059 | -.003751 | .0003490 | -.000078 | .0002386 | -.001970 |
| Stddev | .0000218 | .000075  | .010664  | .0002095 | .000119  | .0004722 | .001578  |
| %RSD   | 396.5194 | 127.9865 | 284.2798 | 60.03423 | 153.6600 | 197.9049 | 80.11919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000020 | -.000016 | .007583  | .0002781 | .000027  | .0007560 | -.000148 |
| #2 | .000018  | -.000015 | -.013585 | .0001841 | -.000207 | .0001285 | -.002863 |
| #3 | .000018  | -.000146 | -.005252 | .0005848 | -.000053 | -.000169 | -.002899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000040 | .0062117 | -.000096 | -.000336 | .0391865 | -.000798 | -.000314 |
| Stddev | .000442  | .0110912 | .000271  | .000259  | .0023166 | .001235  | .000161  |
| %RSD   | 1096.032 | 178.5533 | 280.9717 | 77.14364 | 5.911764 | 154.8977 | 51.39454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000468  | .0173107 | .000216  | -.000039 | .0365485 | -.001479 | -.000244 |
| #2 | -.000333 | .0061960 | -.000250 | -.000450 | .0401216 | .000629  | -.000200 |
| #3 | -.000256 | -.004872 | -.000255 | -.000519 | .0408894 | -.001542 | -.000499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1108923 | .0057782 | -.000042 | .0002790 | .0005545 | .0128428 | .0016580 |
| Stddev | .0114757 | .0007575 | .000411  | .0005573 | .0002832 | .0032966 | .0013279 |
| %RSD   | 10.34852 | 13.10914 | 982.2283 | 199.7928 | 51.07467 | 25.66883 | 80.08652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1233896 | .0049052 | .000433  | -.000355 | .0007717 | .0123780 | .0024561 |
| #2 | .1008286 | .0062620 | -.000273 | .000692  | .0002342 | .0098032 | .0001252 |
| #3 | .1084586 | .0061673 | -.000285 | .000500  | .0006577 | .0163471 | .0023928 |

Sample Name: CCB02      Acquired: 2/3/2025 18:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.004928 | .0034845 | -.000017 |
| Stddev | .002119  | .0002436 | .000036  |
| %RSD   | 43.00753 | 6.991350 | 218.0902 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005897 | .0037632 | -.000055 |
| #2 | -.002497 | .0033779 | .000017  |
| #3 | -.006390 | .0033123 | -.000011 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2832.354 | 60063.49 | 11442.33 | 1845.602 | 4510.465 |
| Stddev    | 6.544    | 183.22   | 40.09    | 8.760    | 3.287    |
| %RSD      | .2310415 | .3050501 | .3503268 | .4746557 | .0728793 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2824.837 | 59874.57 | 11396.10 | 1836.078 | 4507.522 |
| #2 | 2835.453 | 60075.45 | 11463.31 | 1847.413 | 4509.860 |
| #3 | 2836.774 | 60240.44 | 11467.56 | 1853.316 | 4514.012 |

Sample Name: LR1      Acquired: 2/3/2025 19:16:07      Type: Unk  
Method: NON EPA-6010-200.7(v2652)      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    | .0449368 | .0695818 | .0300895 | -.227610 | -.003454 | 2056.474 | .0129216 |
| Stddev | .0044157 | .0024906 | .0028220 | .020859  | .003534  | 21.874   | .0006627 |
| %RSD   | 9.826507 | 3.579448 | 9.378518 | 9.164135 | 102.3345 | 1.063679 | 5.128705 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0402534 | .0678416 | .0271685 | -.221150 | -.005758 | 2042.637 | .0124151 |
| #2 | .0455325 | .0724348 | .0302992 | -.210746 | .000615  | 2045.091 | .0126782 |
| #3 | .0490244 | .0684689 | .0328007 | -.250934 | -.005219 | 2081.692 | .0136716 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087828 | .0256268 | 1868.089 | .0036012 | .0285261 | .0280159 | 925.6946 |
| Stddev | .0000638 | .0007999 | 7.575    | .0001788 | .0005792 | .0022402 | 2.7072   |
| %RSD   | .7259261 | 3.121434 | .4055029 | 4.963768 | 2.030410 | 7.996200 | .2924527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088239 | .0248917 | 1867.042 | .0034211 | .0283251 | .0262578 | 925.7597 |
| #2 | .0087093 | .0264787 | 1861.092 | .0037785 | .0280743 | .0305383 | 922.9555 |
| #3 | .0088151 | .0255100 | 1876.134 | .0036041 | .0291791 | .0272517 | 928.3687 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0119465 | 1660.776 | .0423376 | -.095802 | 2079.673 | .0669328 | .2415001 |
| Stddev | .0004737 | 7.676    | .0006736 | .000370  | 9.719    | .0010673 | .0020235 |
| %RSD   | 3.964816 | .4622103 | 1.591051 | .3860096 | .4673153 | 1.594583 | .8378760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0121239 | 1664.604 | .0424195 | -.096014 | 2090.725 | .0672705 | .2438054 |
| #2 | .0114098 | 1651.938 | .0429665 | -.096016 | 2072.462 | .0677905 | .2400177 |
| #3 | .0123059 | 1665.785 | .0416268 | -.095375 | 2075.831 | .0657375 | .2406773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1356.532 | .5670334 | -.010088 | .0057930 | -.036201 | .1586168 | .0756527 |
| Stddev | 6.188    | .0015590 | .001021  | .0024563 | .001185  | .0062530 | .0011487 |
| %RSD   | .4561890 | .2749328 | 10.12149 | 42.40168 | 3.273049 | 3.942174 | 1.518333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1358.976 | .5665645 | -.009013 | .0035727 | -.037569 | .1614650 | .0769001 |
| #2 | 1349.495 | .5657628 | -.010207 | .0053747 | -.035551 | .1514468 | .0746386 |
| #3 | 1361.125 | .5687730 | -.011045 | .0084316 | -.035484 | .1629386 | .0754195 |

Sample Name: LR1      Acquired: 2/3/2025 19:16:07      Type: Unk  
Method: NON EPA-6010-200.7(v2652)      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    | -.177976 | -.292538 | -.914230 |
| Stddev | .009053  | .001266  | .002690  |
| %RSD   | 5.086601 | .4326288 | .2942126 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.175526 | -.292116 | -.914291 |
| #2 | -.188002 | -.291537 | -.911510 |
| #3 | -.170400 | -.293961 | -.916889 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1834.722 | 38987.18 | 9322.530 | 1177.800 | 2383.856 |
| Stddev    | 4.051    | 89.54    | 59.056   | 3.642    | 7.644    |
| %RSD      | .2207818 | .2296546 | .6334764 | .3092371 | .3206642 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1839.308 | 39021.50 | 9344.200 | 1174.526 | 2392.589 |
| #2 | 1831.632 | 39054.48 | 9367.690 | 1181.723 | 2380.601 |
| #3 | 1833.226 | 38885.56 | 9255.700 | 1177.152 | 2378.378 |

Sample Name: LR2      Acquired: 2/3/2025 19:21:06      Type: Unk  
Method: NON EPA-6010-200.7(v2652)      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    | .0134960 | -.006462 | F 22.53201 | .0130716 | .0046518 | .1815263 |
| Stddev | .0006753 | .000393  | .50230     | .0008382 | .0020961 | .0100813 |
| %RSD   | 5.003798 | 6.075835 | 2.229276   | 6.412355 | 45.05920 | 5.553635 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0132794 | -.006754 | 22.84566 | .0129647 | .0029401 | .1914391 |
| #2 | .0142531 | -.006616 | 22.79771 | .0139581 | .0069896 | .1818551 |
| #3 | .0129557 | -.006015 | 21.95267 | .0122920 | .0040258 | .1712845 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | ^F ***** | -.002993 | -.003860 | .2123869 | .0106746 | -.008959 |
| Stddev | -----    | .000011  | .000173  | .0102000 | .0001533 | .000577  |
| %RSD   | -----    | .3515888 | 4.491733 | 4.802552 | 1.435700 | 6.443227 |

|    |         |          |          |          |          |          |
|----|---------|----------|----------|----------|----------|----------|
| #1 | ^ ----- | -.002991 | -.004057 | .2233139 | .0105202 | -.009510 |
| #2 | ^ ----- | -.002983 | -.003789 | .2107298 | .0108267 | -.009009 |
| #3 | ^ ----- | -.003004 | -.003733 | .2031168 | .0106770 | -.008359 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 251.7572 | -.008368 | 41.75350 | -.036116 | 54.11017 | .0001714 |
| Stddev | 6.0015   | .003590  | .52890   | .011392  | 1.24264  | .0003070 |
| %RSD   | 2.383849 | 42.90483 | 1.266719 | 31.54326 | 2.296498 | 179.0567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 255.9587 | -.004702 | 42.33638 | -.028800 | 54.90966 | .0004314 |
| #2 | 254.4292 | -.008524 | 41.30419 | -.030306 | 54.74231 | -.000167 |
| #3 | 244.8838 | -.011878 | 41.61991 | -.049242 | 52.67856 | .000250  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3097126 | -.013645 | 37.02130 | .4202371 | -.005596 | -.008000 |
| Stddev | .0135786 | .000574  | .12711   | .0154563 | .000128  | .000166  |
| %RSD   | 4.384269 | 4.202943 | .3433434 | 3.677995 | 2.285147 | 2.078163 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3184919 | -.013670 | 36.97838 | .4247405 | -.005681 | -.007810 |
| #2 | .3165733 | -.014206 | 36.92121 | .4329416 | -.005659 | -.008069 |
| #3 | .2940725 | -.013060 | 37.16432 | .4030292 | -.005449 | -.008120 |

Sample Name: LR2      Acquired: 2/3/2025 19:21:06      Type: Unk  
Method: NON EPA-6010-200.7(v2652)      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    | -.005416 | -.035462 | -.011325 | 3.570165 | -.020737 | .0007464 |
| Stddev | .000868  | .000366  | .002820  | .063662  | .004539  | .0001935 |
| %RSD   | 16.02019 | 1.032435 | 24.89800 | 1.783177 | 21.88677 | 25.92104 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006096 | -.035295 | -.014158 | 3.605911 | -.018694 | .0005584 |
| #2 | -.004439 | -.035209 | -.008518 | 3.607922 | -.017580 | .0007359 |
| #3 | -.005712 | -.035882 | -.011299 | 3.496664 | -.025939 | .0009449 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0013701 |
| Stddev | .0000275 |
| %RSD   | 2.009741 |

|    |          |
|----|----------|
| #1 | .0013556 |
| #2 | .0014019 |
| #3 | .0013529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2453.100 | 57303.03 | 11173.09 | 1741.678 | 4272.313 |
| Stddev    | 57.893   | 423.77   | 43.39    | 11.594   | 90.244   |
| %RSD      | 2.360008 | .7395265 | .3883271 | .6656657 | 2.112307 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2410.769 | 56907.73 | 11125.45 | 1733.355 | 4210.397 |
| #2 | 2429.458 | 57250.92 | 11183.49 | 1736.758 | 4230.684 |
| #3 | 2519.073 | 57750.45 | 11210.34 | 1754.920 | 4375.858 |

Sample Name: CCV03      Acquired: 2/3/2025 19:50:10      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | 5.017740 | 4.868623 | 4.874271 | 4.873920 | 4.654210 | 9.365718 | 9.467602 |
| Stddev | .009584  | .030587  | .003956  | .009255  | .013692  | .002596  | .113752  |
| %RSD   | .1909978 | .6282438 | .0811687 | .1898982 | .2941793 | .0277219 | 1.201484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.022237 | 4.854011 | 4.875527 | 4.863364 | 4.642381 | 9.364458 | 9.350632 |
| #2 | 5.006734 | 4.903776 | 4.869840 | 4.877749 | 4.651039 | 9.363993 | 9.577836 |
| #3 | 5.024248 | 4.848083 | 4.877448 | 4.880647 | 4.669208 | 9.368704 | 9.474339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2317434 | 2.388871 | 23.09467 | .9734542 | 2.373058 | 1.221099 | 4.827915 |
| Stddev | .0016523 | .001425  | .09652   | .0033136 | .001537  | .001972  | .031244  |
| %RSD   | .7129840 | .0596409 | .4179321 | .3403909 | .0647508 | .1615043 | .6471472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2298395 | 2.389320 | 22.98812 | .9752054 | 2.374725 | 1.219849 | 4.850547 |
| #2 | .2328016 | 2.387276 | 23.11963 | .9755248 | 2.371699 | 1.220074 | 4.840930 |
| #3 | .2325892 | 2.390017 | 23.17625 | .9696325 | 2.372750 | 1.223372 | 4.792267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.303164 | 27.30410 | 2.380453 | 1.217250 | 24.74712 | 2.337949 | 2.415543 |
| Stddev | .005030  | .13658   | .002204  | .000995  | .19241   | .002610  | .003536  |
| %RSD   | .2183983 | .5002294 | .0925801 | .0817213 | .7775010 | .1116435 | .1463895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.297687 | 27.14833 | 2.382484 | 1.217092 | 24.96913 | 2.339253 | 2.417592 |
| #2 | 2.304230 | 27.40336 | 2.378109 | 1.218314 | 24.64334 | 2.334944 | 2.411460 |
| #3 | 2.307576 | 27.36060 | 2.380766 | 1.216343 | 24.62888 | 2.339651 | 2.417578 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.50592 | 4.582686 | 4.880710 | 4.755014 | 4.695209 | 4.875434 | 4.802049 |
| Stddev | .25473   | .035842  | .007869  | .006355  | .012117  | .020390  | .001186  |
| %RSD   | 1.039445 | .7821232 | .1612303 | .1336580 | .2580818 | .4182232 | .0247069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.80003 | 4.541307 | 4.877172 | 4.752144 | 4.681307 | 4.875104 | 4.802610 |
| #2 | 24.36167 | 4.604090 | 4.875231 | 4.750599 | 4.700792 | 4.855210 | 4.802851 |
| #3 | 24.35605 | 4.602661 | 4.889727 | 4.762298 | 4.703529 | 4.895986 | 4.800686 |

Sample Name: CCV03      Acquired: 2/3/2025 19:50:10      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | 4.798107 | 4.715154 | 4.747526 |
| Stddev | .016505  | .005861  | .067117  |
| %RSD   | .3439930 | .1242943 | 1.413734 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.815741 | 4.718995 | 4.672448 |
| #2 | 4.795552 | 4.708408 | 4.768417 |
| #3 | 4.783028 | 4.718059 | 4.801714 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2724.733 | 56503.48 | 10520.54 | 1759.190 | 4061.920 |
| Stddev    | 3.895    | 167.78   | 66.29    | 5.130    | 4.027    |
| %RSD      | .1429663 | .2969326 | .6300799 | .2915990 | .0991454 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2722.982 | 56350.65 | 10596.41 | 1754.160 | 4057.280 |
| #2 | 2729.196 | 56476.77 | 10473.83 | 1764.414 | 4063.968 |
| #3 | 2722.020 | 56683.00 | 10491.37 | 1758.996 | 4064.511 |

Sample Name: CCB03      Acquired: 2/3/2025 19:54:35      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | -.001053 | -.000675 | .0008754 | .0021225 | .0013449 | -.000493 | -.000989 |
| Stddev | .001272  | .000736  | .0010573 | .0001518 | .0005439 | .006123  | .000198  |
| %RSD   | 120.7236 | 109.0110 | 120.7834 | 7.151819 | 40.44276 | 1241.676 | 19.98379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002073 | -.001035 | .0005537 | .0021324 | .0015888 | -.004530 | -.001015 |
| #2 | .000371  | .000172  | .0020561 | .0022691 | .0017242 | -.003501 | -.000780 |
| #3 | -.001458 | -.001163 | .0000163 | .0019660 | .0007217 | .006552  | -.001173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000016 | -.000007 | -.001404 | .0000822 | -.000005 | .0001655 | -.002233 |
| Stddev | .000021  | .000076  | .003829  | .0002052 | .000166  | .0002860 | .003165  |
| %RSD   | 125.0174 | 1118.287 | 272.7809 | 249.7386 | 3193.124 | 172.8020 | 141.7558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000019 | -.000006 | -.004652 | .0000337 | .000111  | .0004635 | -.001215 |
| #2 | -.000036 | -.000083 | -.002377 | -.000094 | .000069  | -.000107 | .000298  |
| #3 | .000005  | .000069  | .002818  | .000307  | -.000196 | .000140  | -.005782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000076 | .0103832 | .0001360 | -.000301 | .1000847 | -.000371 | -.000671 |
| Stddev | .0001403 | .0091087 | .0003556 | .000165  | .0069657 | .001056  | .000238  |
| %RSD   | 1856.018 | 87.72522 | 261.5037 | 54.85873 | 6.959771 | 284.7347 | 35.50276 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000162 | .0102911 | -.000114 | -.000260 | .0932118 | -.001558 | -.000601 |
| #2 | -.000137 | .0013209 | .000543  | -.000160 | .0999028 | .000462  | -.000936 |
| #3 | .000143  | .0195375 | -.000021 | -.000482 | .1071396 | -.000016 | -.000475 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1388991 | .0016085 | -.000144 | .0000498 | .0002709 | .0049968 | -.001089 |
| Stddev | .0138187 | .0003935 | .000210  | .0005185 | .0005891 | .0017051 | .000946  |
| %RSD   | 9.948717 | 24.46610 | 145.2421 | 1042.228 | 217.4453 | 34.12307 | 86.89117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1424969 | .0020609 | .000084  | .0005839 | -.000246 | .0045447 | -.000027 |
| #2 | .1505629 | .0014200 | -.000190 | -.000452 | .000913  | .0035633 | -.001841 |
| #3 | .1236373 | .0013448 | -.000328 | .000017  | .000146  | .0068823 | -.001399 |

Sample Name: CCB03      Acquired: 2/3/2025 19:54:35      Type: Unk  
 Method: NON EPA-6010-200.7(v2653)      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    | -.003121 | .0036539 | -.000065 |
| Stddev | .000752  | .0003056 | .000031  |
| %RSD   | 24.10689 | 8.364038 | 47.53806 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002713 | .0039740 | -.000030 |
| #2 | -.003989 | .0033653 | -.000079 |
| #3 | -.002660 | .0036223 | -.000087 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2857.320 | 59854.71 | 11405.83 | 1848.591 | 4582.458 |
| Stddev    | 5.263    | 221.69   | 45.13    | 8.598    | 5.449    |
| %RSD      | .1842085 | .3703780 | .3957014 | .4651290 | .1188999 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2857.992 | 59614.33 | 11457.18 | 1840.501 | 4576.427 |
| #2 | 2862.215 | 60051.12 | 11372.46 | 1847.651 | 4587.026 |
| #3 | 2851.753 | 59898.69 | 11387.85 | 1857.620 | 4583.920 |

Sample Name: Q1238-01      Acquired: 2/3/2025 20:20:39      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | -.007658 | -.010785 | .0002276 | .0059432 | .0049350 | -.030217 |
| Stddev | .000945  | .001009  | .0004393 | .0004549 | .0025793 | .002081  |
| %RSD   | 12.34162 | 9.352991 | 192.9910 | 7.654603 | 52.26638 | 6.885732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007702 | -.010523 | -.000220 | .0059487 | .0070450 | -.027933 |
| #2 | -.006692 | -.011899 | .000245  | .0063953 | .0020596 | -.030714 |
| #3 | -.008580 | -.009933 | .000658  | .0054855 | .0057003 | -.032004 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0448457 | -.000200 | -.000185 | 141.9340 | .0041348 | -.000388 |
| Stddev | .0008347 | .000061  | .000027  | .4500    | .0004262 | .000137  |
| %RSD   | 1.861334 | 30.25689 | 14.33287 | .3170667 | 10.30724 | 35.32980 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0453581 | -.000138 | -.000157 | 142.1825 | .0037819 | -.000444 |
| #2 | .0438825 | -.000203 | -.000210 | 141.4145 | .0040142 | -.000232 |
| #3 | .0452966 | -.000259 | -.000189 | 142.2050 | .0046083 | -.000489 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062553 | .0240774 | .0019907 | 6.755122 | .0023010 | -.000778 |
| Stddev | .0001364 | .0018065 | .0003314 | .052171  | .0002902 | .000282  |
| %RSD   | 2.181094 | 7.502825 | 16.64878 | .7723234 | 12.61224 | 36.21887 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0063276 | .0261053 | .0023402 | 6.749619 | .0020104 | -.000479 |
| #2 | .0063403 | .0234870 | .0019507 | 6.705920 | .0023016 | -.001039 |
| #3 | .0060979 | .0226400 | .0016810 | 6.809826 | .0025908 | -.000816 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 345.0821 | .0235972 | .0064009 | 14.64698 | .0507795 | .0071527 |
| Stddev | 2.7724   | .0017808 | .0003590 | .07638   | .0006701 | .0000542 |
| %RSD   | .8034029 | 7.546787 | 5.608486 | .5214751 | 1.319683 | .7573609 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 347.9557 | .0220952 | .0060367 | 14.56495 | .0508088 | .0071819 |
| #2 | 342.4234 | .0231319 | .0067545 | 14.65994 | .0500952 | .0070902 |
| #3 | 344.8672 | .0255645 | .0064116 | 14.71606 | .0514345 | .0071861 |

Sample Name: Q1238-01      Acquired: 2/3/2025 20:20:39      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | -.005503 | -.002346 | 1.663774 | .0088285 | F 30.27172 | .0174814 |
| Stddev | .000250  | .000204  | .007564  | .0013215 | .01077     | .0014660 |
| %RSD   | 4.551484 | 8.706247 | .4546431 | 14.96907 | .0355631   | 8.386214 |
| #1     | -.005595 | -.002111 | 1.659433 | .0088212 | 30.28411   | .0184199 |
| #2     | -.005695 | -.002447 | 1.659381 | .0101538 | 30.26638   | .0182322 |
| #3     | -.005220 | -.002479 | 1.672509 | .0075107 | 30.26467   | .0157920 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.060510 |
| Stddev | .001667  |
| %RSD   | .1572089 |
| #1     | 1.060878 |
| #2     | 1.058689 |
| #3     | 1.061962 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2513.723 | 53465.65 | 11309.75 | 1621.794 | 3763.649 |
| Stddev    | 3.724    | 61.61    | 57.31    | 7.394    | 4.667    |
| %RSD      | .1481641 | .1152335 | .5066947 | .4559373 | .1240112 |
| #1        | 2510.496 | 53536.73 | 11270.07 | 1630.332 | 3761.187 |
| #2        | 2512.875 | 53432.65 | 11375.45 | 1617.505 | 3769.032 |
| #3        | 2517.798 | 53427.56 | 11283.73 | 1617.544 | 3760.729 |

Sample Name: Q1238-02      Acquired: 2/3/2025 20:25:04      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | -.006002 | -.007930 | .0111976 | .0022290 | .0032490 | -.029587 | .3404412 |
| Stddev | .001777  | .001142  | .0003961 | .0016859 | .0003535 | .004194  | .0018725 |
| %RSD   | 29.60551 | 14.39577 | 3.537233 | 75.63558 | 10.87959 | 14.17604 | .5500341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005706 | -.006613 | .0116523 | .0003975 | .0034248 | -.025238 | .3410185 |
| #2 | -.007909 | -.008635 | .0109271 | .0037162 | .0028421 | -.033607 | .3383480 |
| #3 | -.004392 | -.008541 | .0110136 | .0025731 | .0034802 | -.029916 | .3419571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000152 | .0000317 | 131.7443 | .0008325 | -.000574 | .0015493 | .0598516 |
| Stddev | .000036  | .0000222 | .3688    | .0003551 | .000153  | .0002773 | .0046088 |
| %RSD   | 23.72252 | 70.16805 | .2799596 | 42.66041 | 26.66972 | 17.89825 | 7.700399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000125 | .0000104 | 132.1543 | .0007128 | -.000751 | .0016119 | .0559435 |
| #2 | -.000193 | .0000547 | 131.6391 | .0012320 | -.000478 | .0017899 | .0586775 |
| #3 | -.000139 | .0000299 | 131.4395 | .0005527 | -.000494 | .0012460 | .0649340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0156207 | .9571040 | .0017678 | -.000496 | 363.0352 | .0009469 | .2960688 |
| Stddev | .0002363 | .0173506 | .0000149 | .000077  | 1.6402   | .0006169 | .0011757 |
| %RSD   | 1.512784 | 1.812828 | .8414526 | 15.59885 | .4518151 | 65.14822 | .3971109 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0158936 | .9565466 | .0017662 | -.000577 | 361.4264 | .0006483 | .2961561 |
| #2 | .0154880 | .9747266 | .0017538 | -.000488 | 364.7052 | .0005361 | .2948519 |
| #3 | .0154807 | .9400387 | .0017834 | -.000423 | 362.9740 | .0016563 | .2971985 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7889390 | .0331661 | .0008833 | -.005293 | -.001962 | .1300891 | .0080305 |
| Stddev | .0185761 | .0006388 | .0000782 | .000993  | .000693  | .0033994 | .0015430 |
| %RSD   | 2.354566 | 1.926199 | 8.854517 | 18.76927 | 35.30819 | 2.613155 | 19.21430 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8103697 | .0332686 | .0008060 | -.005926 | -.002751 | .1337894 | .0097834 |
| #2 | .7774393 | .0324822 | .0009624 | -.004148 | -.001456 | .1293736 | .0068779 |
| #3 | .7790081 | .0337475 | .0008815 | -.005805 | -.001677 | .1271044 | .0074301 |

Sample Name: Q1238-02      Acquired: 2/3/2025 20:25:04      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | .9882697 | -.021173 | .0762947 |
| Stddev | .0052660 | .000183  | .0004264 |
| %RSD   | .5328481 | .8648319 | .5589311 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9938022 | -.021255 | .0766881 |
| #2 | .9876885 | -.020963 | .0758415 |
| #3 | .9833185 | -.021301 | .0763546 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2533.736 | 54074.24 | 11277.38 | 1645.911 | 3764.172 |
| Stddev    | 3.498    | 33.41    | 23.23    | 3.981    | 1.591    |
| %RSD      | .1380473 | .0617919 | .2059833 | .2418999 | .0422574 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2536.201 | 54110.93 | 11272.38 | 1649.207 | 3763.289 |
| #2 | 2529.733 | 54045.55 | 11257.06 | 1641.487 | 3763.219 |
| #3 | 2535.275 | 54066.24 | 11302.71 | 1647.039 | 3766.008 |

Sample Name: Q1238-03      Acquired: 2/3/2025 20:29:30      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | -.004506 | -.008003 | .0190141 | .0034190 | .0101356 | .0727092 | .2778580 |
| Stddev | .001907  | .000761  | .0013867 | .0006135 | .0016428 | .0016841 | .0008607 |
| %RSD   | 42.31957 | 9.503286 | 7.292899 | 17.94451 | 16.20805 | 2.316162 | .3097546 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004437 | -.008492 | .0187512 | .0027718 | .0120148 | .0746377 | .2772718 |
| #2 | -.006447 | -.008390 | .0177777 | .0034930 | .0094199 | .0719612 | .2788461 |
| #3 | -.002635 | -.007126 | .0205134 | .0039921 | .0089721 | .0715288 | .2774560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000177 | .0000387 | 8.199363 | .0025721 | -.000138 | .0154931 | .2216855 |
| Stddev | .000016  | .0000557 | .024571  | .0001598 | .000088  | .0002477 | .0039925 |
| %RSD   | 9.187969 | 143.9260 | .2996734 | 6.212135 | 64.10286 | 1.598690 | 1.800970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000190 | -.000024 | 8.199724 | .0026418 | -.000037 | .0152745 | .2183324 |
| #2 | -.000159 | .000081  | 8.223751 | .0026853 | -.000203 | .0157621 | .2206220 |
| #3 | -.000181 | .000059  | 8.174613 | .0023893 | -.000173 | .0154427 | .2261020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0127385 | .6229663 | .0028903 | -.000802 | 339.7223 | .0003446 | .3079459 |
| Stddev | .0001014 | .0049853 | .0002153 | .000139  | 4.0357   | .0005541 | .0009872 |
| %RSD   | .7960601 | .8002453 | 7.448222 | 17.30147 | 1.187934 | 160.7860 | .3205847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0127009 | .6265215 | .0031387 | -.000725 | 341.1079 | -.000290 | .3070550 |
| #2 | .0128533 | .6251095 | .0027748 | -.000962 | 342.8827 | .000591  | .3077753 |
| #3 | .0126612 | .6172678 | .0027574 | -.000719 | 335.1764 | .000732  | .3090073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8333751 | .0972057 | .0005044 | -.002360 | .0007310 | .2579752 | .0147333 |
| Stddev | .0261684 | .0004867 | .0003769 | .000202  | .0001427 | .0048296 | .0033505 |
| %RSD   | 3.140054 | .5007310 | 74.71079 | 8.552659 | 19.52368 | 1.872103 | 22.74134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8623523 | .0976246 | .0002562 | -.002583 | .0007558 | .2527072 | .0108653 |
| #2 | .8263046 | .0966717 | .0003190 | -.002190 | .0008597 | .2621938 | .0165927 |
| #3 | .8114684 | .0973206 | .0009381 | -.002307 | .0005775 | .2590246 | .0167418 |

Sample Name: Q1238-03      Acquired: 2/3/2025 20:29:30      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | 1.483011 | -.000990 | .0336829 |
| Stddev | .003774  | .000849  | .0000356 |
| %RSD   | .2545020 | 85.77309 | .1056080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.486458 | -.000114 | .0337218 |
| #2 | 1.483595 | -.001046 | .0336749 |
| #3 | 1.478978 | -.001810 | .0336520 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2633.342 | 54761.54 | 11195.46 | 1716.199 | 3950.888 |
| Stddev    | 6.026    | 102.57   | 53.14    | 4.658    | 7.279    |
| %RSD      | .2288189 | .1872950 | .4746885 | .2714240 | .1842467 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2627.835 | 54879.16 | 11194.13 | 1712.062 | 3945.063 |
| #2 | 2632.414 | 54714.74 | 11142.99 | 1721.245 | 3948.552 |
| #3 | 2639.778 | 54690.72 | 11249.25 | 1715.292 | 3959.048 |

Sample Name: Q1243-01      Acquired: 2/3/2025 20:33:57      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      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    | .0233549 | -.026810 | .1066137 | -.047072 | -.006793 | 79.39478 | .5112725 |
| Stddev | .0016314 | .002524  | .0011877 | .002836  | .002396  | .06323   | .0021196 |
| %RSD   | 6.985407 | 9.414402 | 1.114012 | 6.025209 | 35.26635 | .0796349 | .4145670 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0234035 | -.028792 | .1057387 | -.050225 | -.007886 | 79.32712 | .5109504 |
| #2 | .0216997 | -.027670 | .1061368 | -.046260 | -.004046 | 79.45236 | .5135347 |
| #3 | .0249615 | -.023969 | .1079658 | -.044730 | -.008447 | 79.40485 | .5093324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056449 | .0031295 | 81.18860 | .3511872 | .1096370 | .3281836 | 207.7148 |
| Stddev | .0001321 | .0002263 | .37331   | .0006362 | .0007620 | .0018716 | .4830    |
| %RSD   | 2.340980 | 7.229634 | .4598101 | .1811434 | .6950214 | .5702788 | .2325519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055247 | .0028705 | 81.03991 | .3515459 | .1089203 | .3267548 | 208.1053 |
| #2 | .0057864 | .0032888 | 81.61334 | .3515630 | .1095534 | .3274938 | 207.1746 |
| #3 | .0056235 | .0032293 | 80.91254 | .3504527 | .1104374 | .3303021 | 207.8646 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.946949 | 72.23976 | .2503089 | -.019010 | 190.4244 | .2908876 | .3706597 |
| Stddev | .011030  | .40030   | .0008508 | .000174  | 1.8543   | .0016787 | .0025416 |
| %RSD   | .5665425 | .5541238 | .3398968 | .9142785 | .9737699 | .5770980 | .6857037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.940850 | 72.17016 | .2494257 | -.018833 | 192.2314 | .2909142 | .3732371 |
| #2 | 1.959682 | 72.67029 | .2503782 | -.019017 | 188.5262 | .2925529 | .3705866 |
| #3 | 1.940316 | 71.87882 | .2511230 | -.019180 | 190.5157 | .2891958 | .3681554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 35.73235 | .1346679 | .0073427 | -.011743 | 7.519526 | 4.613637 | 9.625383 |
| Stddev | .17139   | .0012273 | .0001612 | .000748  | .021102  | .025819  | .044993  |
| %RSD   | .4796583 | .9113260 | 2.195526 | 6.365736 | .2806280 | .5596278 | .4674391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 35.84604 | .1360784 | .0074318 | -.010908 | 7.509727 | 4.623289 | 9.593601 |
| #2 | 35.53522 | .1338449 | .0074397 | -.011971 | 7.543746 | 4.584383 | 9.605683 |
| #3 | 35.81580 | .1340802 | .0071566 | -.012350 | 7.505106 | 4.633240 | 9.676866 |

Sample Name: Q1243-01      Acquired: 2/3/2025 20:33:57      Type: Unk  
 Method: NON EPA-6010-200.7(v2653)      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    | 9.571099 | .1103068 | -.066443 |
| Stddev | .046994  | .0002828 | .000779  |
| %RSD   | .4909951 | .2563843 | 1.172958 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 9.532289 | .1106161 | -.067131 |
| #2 | 9.557660 | .1100614 | -.065597 |
| #3 | 9.623348 | .1102428 | -.066602 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3059.714 | 64553.87 | 12717.67 | 2022.148 | 3697.582 |
| Stddev    | 15.518   | 35.78    | 92.23    | 12.410   | 13.819   |
| %RSD      | .5071719 | .0554274 | .7251972 | .6137041 | .3737423 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3071.422 | 64521.89 | 12756.88 | 2007.822 | 3708.302 |
| #2 | 3065.606 | 64592.51 | 12612.31 | 2029.586 | 3702.459 |
| #3 | 3042.112 | 64547.21 | 12783.81 | 2029.037 | 3681.986 |

Sample Name: CCV04      Acquired: 2/3/2025 20:38:10      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.152190 | 4.949435 | 4.937389 | 5.001626 | 4.725436 | 9.579964 |
| Stddev | .021906  | .017700  | .008176  | .014145  | .010424  | .042954  |
| %RSD   | .4251731 | .3576151 | .1655996 | .2828018 | .2205889 | .4483705 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.132415 | 4.964407 | 4.932861 | 4.994350 | 4.714709 | 9.614814 |
| #2 | 5.148418 | 4.929901 | 4.932478 | 4.992600 | 4.726069 | 9.593104 |
| #3 | 5.175737 | 4.953997 | 4.946827 | 5.017928 | 4.735528 | 9.531975 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.598056 | .2374441 | 2.421166 | 23.47735 | .9854512 | 2.400314 |
| Stddev | .058445  | .0021176 | .003988  | .09639   | .0042864 | .004547  |
| %RSD   | .6089238 | .8918124 | .1647287 | .4105759 | .4349696 | .1894310 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.661842 | .2398101 | 2.419349 | 23.57970 | .9863842 | 2.398150 |
| #2 | 9.585252 | .2367956 | 2.418410 | 23.46407 | .9891942 | 2.397253 |
| #3 | 9.547075 | .2357266 | 2.425739 | 23.38830 | .9807751 | 2.405539 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.246023 | 4.870021 | 2.339440 | 23.44731 | 2.411473 | 1.235262 |
| Stddev | .002838  | .037295  | .005662  | .10278   | .004085  | .006432  |
| %RSD   | .2277404 | .7658162 | .2420357 | .4383424 | .1694122 | .5207096 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.243253 | 4.833860 | 2.344333 | 23.56598 | 2.410510 | 1.234647 |
| #2 | 1.245893 | 4.908355 | 2.340750 | 23.38647 | 2.407956 | 1.241979 |
| #3 | 1.248924 | 4.867849 | 2.333238 | 23.38949 | 2.415954 | 1.229159 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.06825 | 2.387916 | 2.473560 | 24.78843 | 4.695002 | 4.937300 |
| Stddev | .15535   | .008617  | .011870  | .18858   | .039406  | .005035  |
| %RSD   | .6196914 | .3608430 | .4798678 | .7607657 | .8393179 | .1019886 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.95571 | 2.397865 | 2.470263 | 24.62976 | 4.736227 | 4.934450 |
| #2 | 25.24548 | 2.382995 | 2.486730 | 24.99692 | 4.691070 | 4.934337 |
| #3 | 25.00354 | 2.382888 | 2.463688 | 24.73860 | 4.657709 | 4.943115 |

Sample Name: CCV04      Acquired: 2/3/2025 20:38:10      Type: Unk  
Method: NON EPA-6010-200.7(v2653)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.821211 | 4.786043 | F 4.443443 | 4.903107 | 4.931240 | 4.849247 |
| Stddev | .008965  | .014948  | .018402    | .021007  | .015628  | .018637  |
| %RSD   | .1859391 | .3123198 | .4141431   | .4284504 | .3169204 | .3843315 |
| #1     | 4.815962 | 4.797238 | 4.426722   | 4.897100 | 4.923795 | 4.862925 |
| #2     | 4.816109 | 4.791824 | 4.463159   | 4.885757 | 4.920727 | 4.856796 |
| #3     | 4.831562 | 4.769069 | 4.440449   | 4.926463 | 4.949199 | 4.828019 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.874944 |
| Stddev | .051689  |
| %RSD   | 1.060299 |
| #1     | 4.859478 |
| #2     | 4.932601 |
| #3     | 4.832754 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2725.381 | 57242.40 | 10544.28 | 1762.034 | 4072.797 |
| Stddev    | 3.842    | 75.30    | 76.13    | 5.711    | 3.451    |
| %RSD      | .1409623 | .1315489 | .7219727 | .3241399 | .0847275 |
| #1        | 2729.788 | 57264.95 | 10456.84 | 1768.576 | 4076.008 |
| #2        | 2722.739 | 57158.40 | 10595.81 | 1758.040 | 4073.237 |
| #3        | 2723.616 | 57303.85 | 10580.18 | 1759.485 | 4069.148 |

Sample Name: CCB04      Acquired: 2/3/2025 20:42:20      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.001326 | -.000535 | .0013751 | .0009415 | .0014762 | .0043773 | -.000785 |
| Stddev | .002158  | .000778  | .0005257 | .0028426 | .0018336 | .0037528 | .000242  |
| %RSD   | 162.7461 | 145.3935 | 38.23017 | 301.9403 | 124.2058 | 85.73304 | 30.77975 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002680 | .000177  | .0010030 | .0032834 | .0012643 | .0001786 | -.000878 |
| #2 | .001163  | -.000417 | .0011457 | -.002221 | .0034066 | .0074049 | -.000967 |
| #3 | -.002462 | -.001365 | .0019765 | .001762  | -.000242 | .0055483 | -.000511 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000265 | -.000003 | .0031704 | .0003146 | -.000137 | .0003450 | -.001413 |
| Stddev | .0000404 | .000045  | .0044205 | .0001331 | .000045  | .0003129 | .008427  |
| %RSD   | 152.4672 | 1374.896 | 139.4277 | 42.31253 | 32.85697 | 90.70313 | 596.3285 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .000031  | -.001934 | .0002105 | -.000137 | .0003253 | -.001252 |
| #2 | .000062  | .000013  | .005731  | .0002687 | -.000092 | .0006674 | .006933  |
| #3 | .000035  | -.000054 | .005714  | .0004646 | -.000183 | .0000424 | -.009920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000834 | .0045610 | -.000301 | -.000296 | .1457104 | .0002138 | -.000560 |
| Stddev | .0003253 | .0133364 | .000473  | .000214  | .0069210 | .0006522 | .000106  |
| %RSD   | 390.2154 | 292.3990 | 157.3153 | 72.47962 | 4.749807 | 305.0646 | 18.99759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000075 | -.010827 | .000182  | -.000510 | .1384579 | .0009667 | -.000484 |
| #2 | .000458  | .011747  | -.000320 | -.000296 | .1464296 | -.000146 | -.000514 |
| #3 | -.000132 | .012764  | -.000763 | -.000081 | .1522437 | -.000180 | -.000681 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1903609 | -.000591 | .0001483 | .0052738 | .0005382 | .0062491 | -.000535 |
| Stddev | .0119273 | .000128  | .0000521 | .0004018 | .0006800 | .0030649 | .001221  |
| %RSD   | 6.265614 | 21.74826 | 35.14202 | 7.618564 | 126.3330 | 49.04648 | 228.0821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2038111 | -.000477 | .0001019 | .0050590 | .0013054 | .0096874 | -.001459 |
| #2 | .1810708 | -.000564 | .0001384 | .0057373 | .0000100 | .0038036 | -.000996 |
| #3 | .1862009 | -.000730 | .0002047 | .0050251 | .0002993 | .0052563 | .000849  |

Sample Name: CCB04      Acquired: 2/3/2025 20:42:20      Type: Unk  
Method: NON EPA-6010-200.7(v2499)      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    | -.001751 | .0036998 | -.000061 |
| Stddev | .002144  | .0013883 | .000037  |
| %RSD   | 122.4483 | 37.52382 | 61.11014 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000006  | .0042730 | -.000104 |
| #2 | -.001120 | .0047097 | -.000036 |
| #3 | -.004140 | .0021167 | -.000043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2803.841 | 59057.10 | 11143.35 | 1841.699 | 4469.477 |
| Stddev    | .456     | 202.48   | 66.96    | 9.011    | 2.665    |
| %RSD      | .0162535 | .3428613 | .6009136 | .4892648 | .0596370 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2804.038 | 59255.17 | 11217.22 | 1845.694 | 4466.408 |
| #2 | 2804.165 | 59065.67 | 11086.64 | 1848.020 | 4471.216 |
| #3 | 2803.320 | 58850.47 | 11126.17 | 1831.381 | 4470.807 |