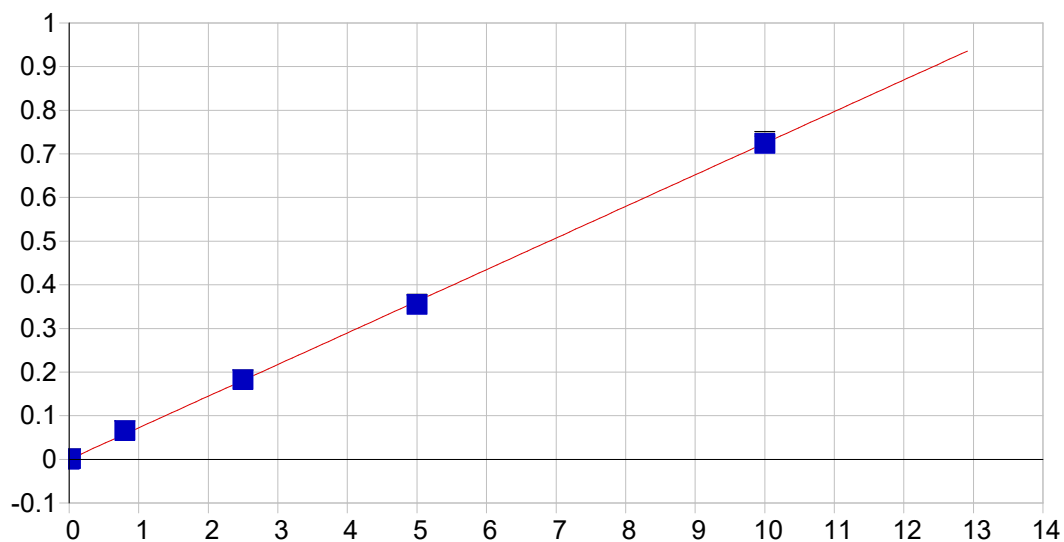




**As 189.042 {479}**

Date of Fit: 2/4/2025 13:31:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000087

Re-Slope: 1.000000

A1 (Gain): 0.072464

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999542

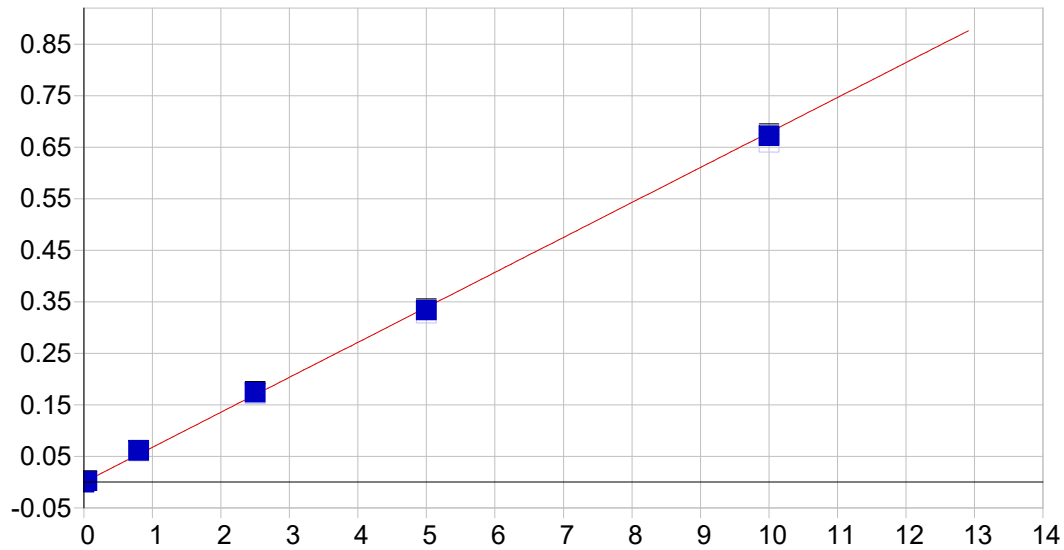
Status: OK.

Std Error of Est: 0.000051

Predicted MDL: 0.002120

Predicted MQL: 0.007066

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .02041      | .000       | 2.03    | .00138  | .000    | 1        |
| S3        | 2.5000       | 2.5153      | .015       | .612    | .18199  | .001    | 1        |
| S4        | 5.0000       | 4.8922      | -.108      | -2.16   | .35403  | .001    | 1        |
| S5        | 10.000       | 9.9851      | -.015      | -.149   | .72269  | .005    | 1        |
| S2        | .80000       | .90697      | .107       | 13.4    | .06557  | .000    | 1        |

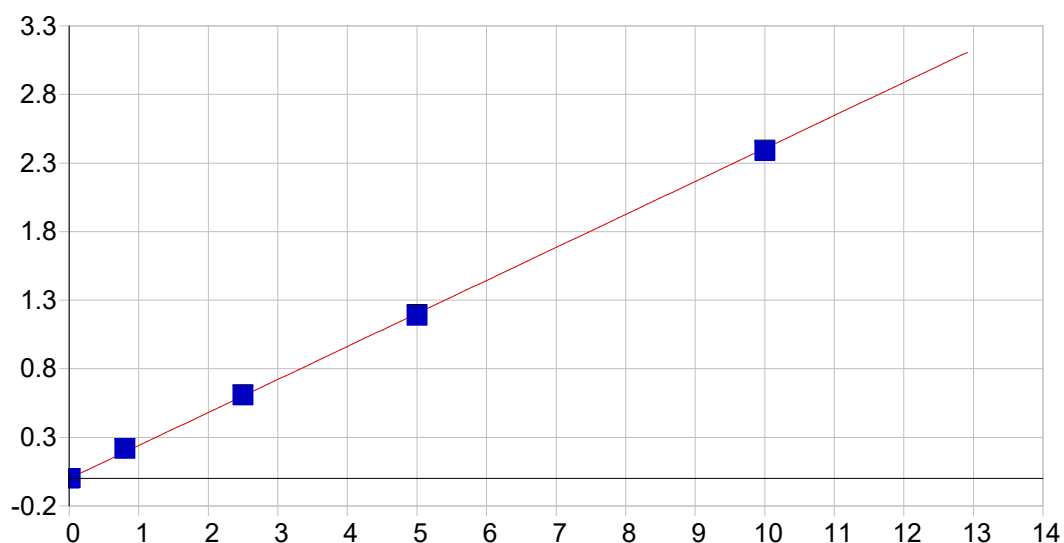


TI 190.856 {477}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000127 Re-Slope: 1.000000  
 A1 (Gain): 0.067869 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999498 Status: OK.  
 Std Error of Est: 0.000070  
 Predicted MDL: 0.001823  
 Predicted MQL: 0.006076

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .04000       | .03735      | -.003      | -6.63   | .00223  | .000    | 1        |
| S3        | 2.5000       | 2.5703      | .070       | 2.81    | .17119  | .002    | 1        |
| S4        | 5.0000       | 4.9245      | -.076      | -1.51   | .32784  | .002    | 1        |
| S5        | 10.000       | 9.9037      | -.096      | -.963   | .65953  | .004    | 1        |
| S2        | .80000       | .90401      | .104       | 13.0    | .06023  | .000    | 1        |

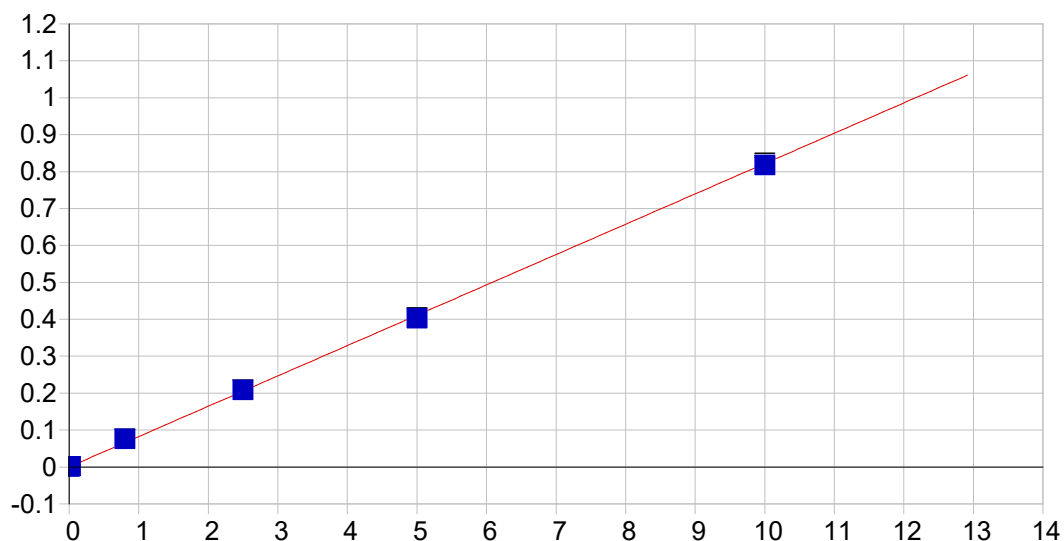


**Pb 220.353 {453}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000  
 A1 (Gain): 0.240642 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999592 Status: OK.  
 Std Error of Est: 0.000125  
 Predicted MDL: 0.001086  
 Predicted MQL: 0.003620

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00011 | .000    | 1        |
| S1        | .01200       | .01060      | -.001      | -11.7   | .00238  | .000    | 1        |
| S3        | 2.5000       | 2.5245      | .024       | .980    | .60673  | .002    | 1        |
| S4        | 5.0000       | 4.9377      | -.062      | -1.25   | 1.1868  | .006    | 1        |
| S5        | 10.000       | 9.9360      | -.064      | -.640   | 2.3883  | .004    | 1        |
| S2        | .80000       | .90323      | .103       | 12.9    | .21703  | .000    | 1        |

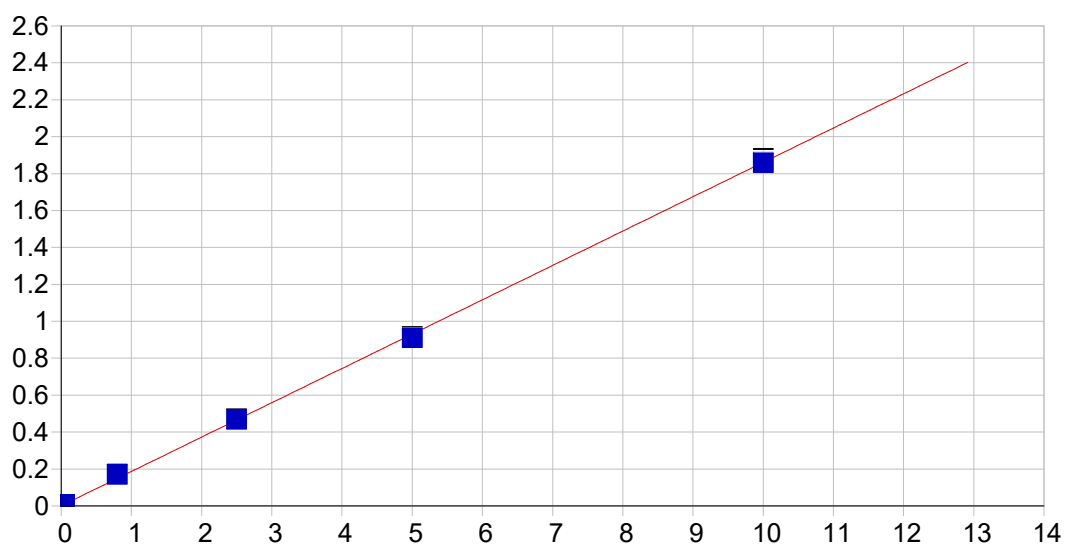


**Se 196.090 {472}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000254 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.082149 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999442 | Status:   | OK.      |
| Std Error of Est: | 0.000064 |           |          |
| Predicted MDL:    | 0.002311 |           |          |
| Predicted MQL:    | 0.007703 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .02000       | .02126      | .001       | 6.30    | .00200 | .000    | 1        |
| S3        | 2.5000       | 2.5315      | .031       | 1.26    | .20814 | .001    | 1        |
| S4        | 5.0000       | 4.8993      | -.101      | -2.01   | .40258 | .002    | 1        |
| S5        | 10.000       | 9.9491      | -.051      | -.509   | .81726 | .006    | 1        |
| S2        | .80000       | .91893      | .119       | 14.9    | .07572 | .000    | 1        |

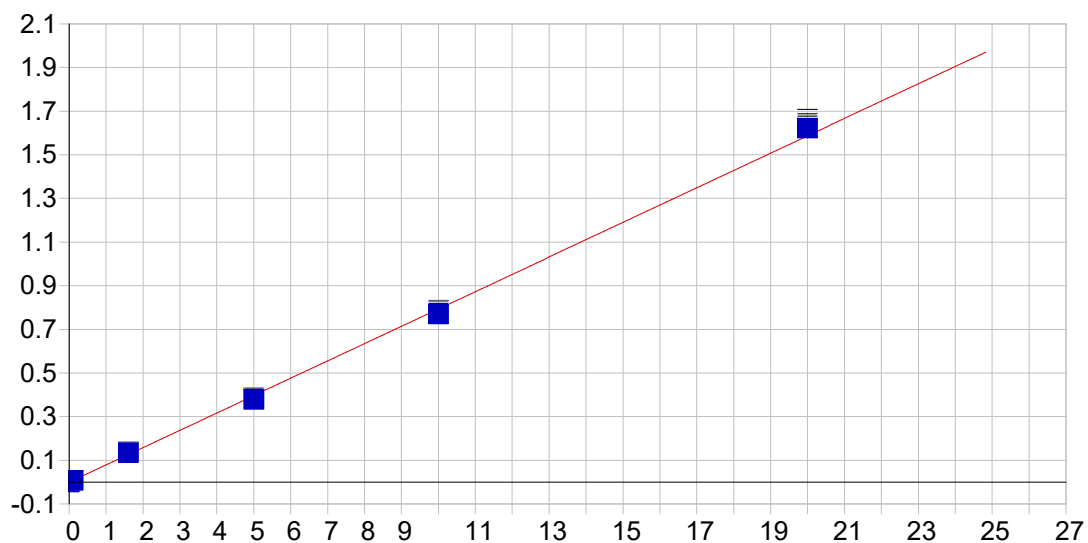


**Sb 206.833 {463}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000638 Re-Slope: 1.000000  
 A1 (Gain): 0.185993 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999501 Status: OK.  
 Std Error of Est: 0.000219  
 Predicted MDL: 0.001437  
 Predicted MQL: 0.004791

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00064 | .000    | 1        |
| S1        | .05000       | .04796      | -.002      | -4.07   | .00958 | .000    | 1        |
| S3        | 2.5000       | 2.5125      | .012       | .498    | .46920 | .001    | 1        |
| S4        | 5.0000       | 4.8880      | -.112      | -2.24   | .91230 | .005    | 1        |
| S5        | 10.000       | 9.9893      | -.011      | -.107   | 1.8636 | .019    | 1        |
| S2        | .80000       | .91227      | .112       | 14.0    | .17072 | .001    | 1        |

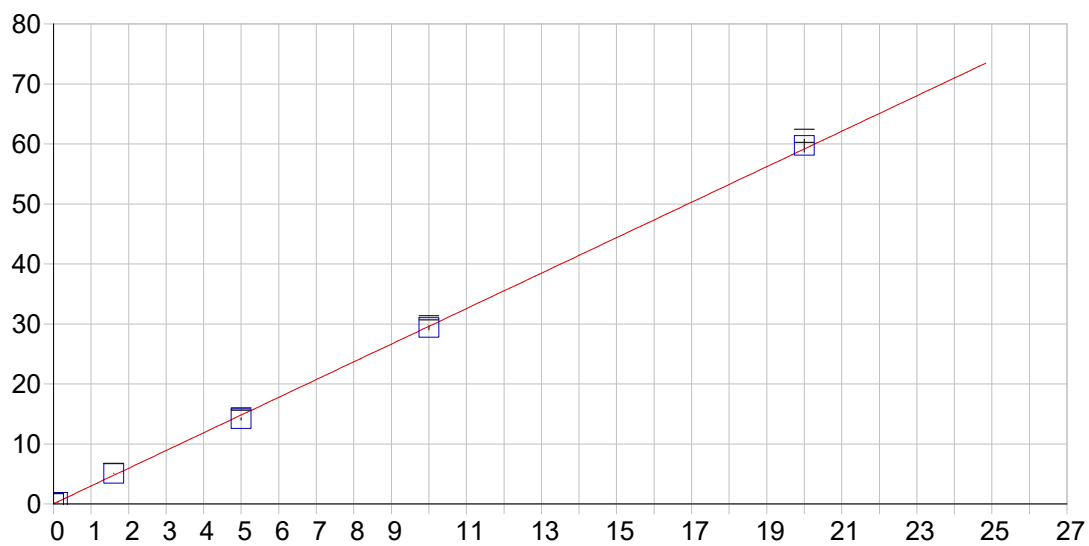


AI 396.152 { 85}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000496 Re-Slope: 1.000000  
 A1 (Gain): 0.079389 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999549 Status: OK.  
 Std Error of Est: 0.000180  
 Predicted MDL: 0.006572  
 Predicted MQL: 0.021905

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00050 | .000    | 1        |
| S1        | .10000       | .09888      | -.001      | -1.12   | .00797  | .000    | 1        |
| S3        | 5.0000       | 4.7750      | -.225      | -4.50   | .38629  | .001    | 1        |
| S4        | 10.000       | 9.6957      | -.304      | -3.04   | .78464  | .003    | 1        |
| S5        | 20.000       | 20.437      | .437       | 2.18    | 1.6528  | .010    | 1        |
| S2        | 1.6000       | 1.6936      | .094       | 5.85    | .13642  | .001    | 1        |

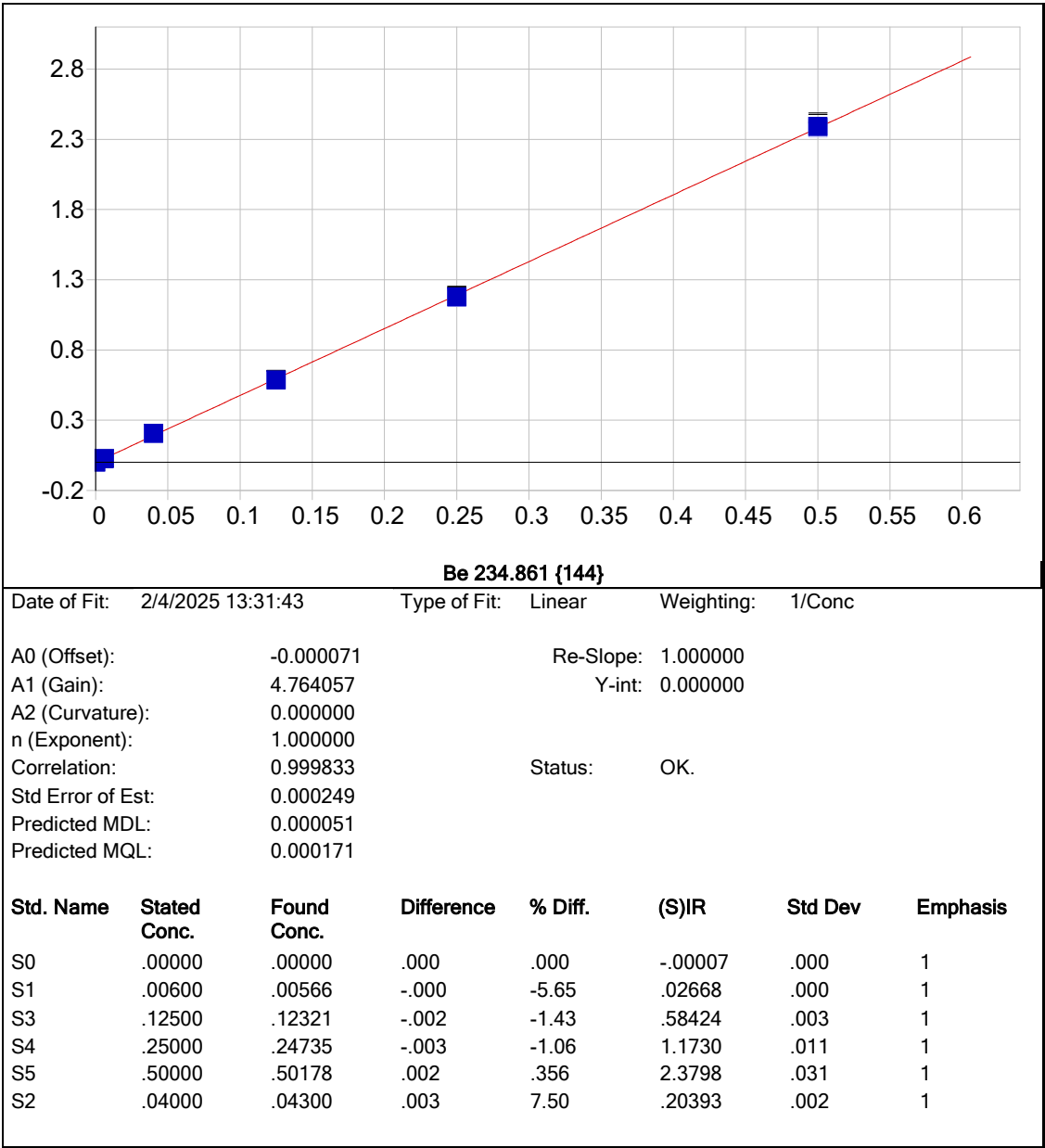


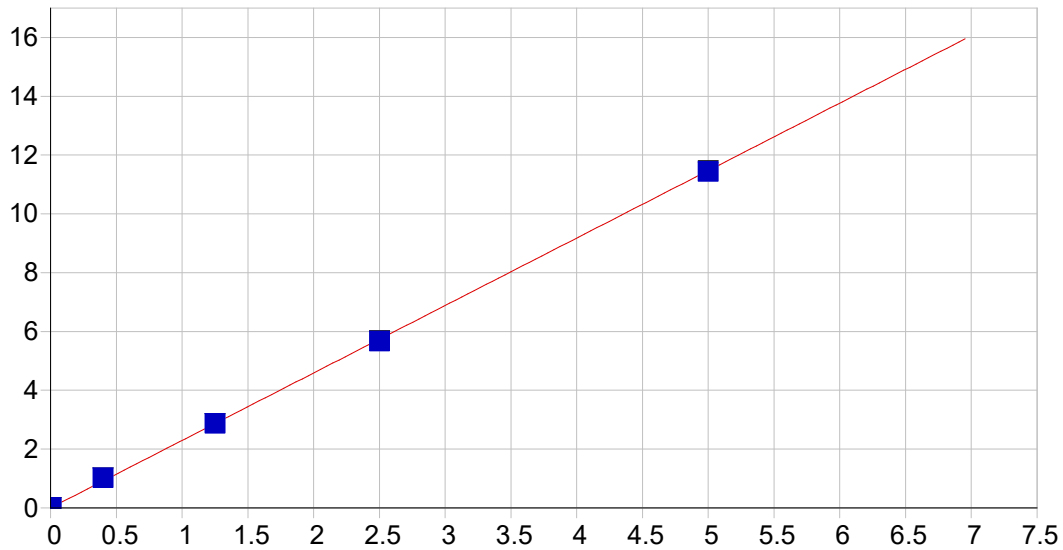
**Ba 493.409 { 68}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.034088 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.956149 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999729 | Status:   | OK.      |
| Std Error of Est: | 0.005106 |           |          |
| Predicted MDL:    | 0.000636 |           |          |
| Predicted MQL:    | 0.002121 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .03410 | .002    | 1        |
| S1        | .10000       | .09148      | -.009      | -8.52   | .30451 | .001    | 1        |
| S3        | 5.0000       | 4.7849      | -.215      | -4.30   | 14.179 | .187    | 1        |
| S4        | 10.000       | 9.9218      | -.078      | -.782   | 29.364 | .356    | 1        |
| S5        | 20.000       | 20.193      | .193       | .963    | 59.726 | 1.10    | 1        |
| S2        | 1.6000       | 1.7093      | .109       | 6.83    | 5.0870 | .026    | 1        |



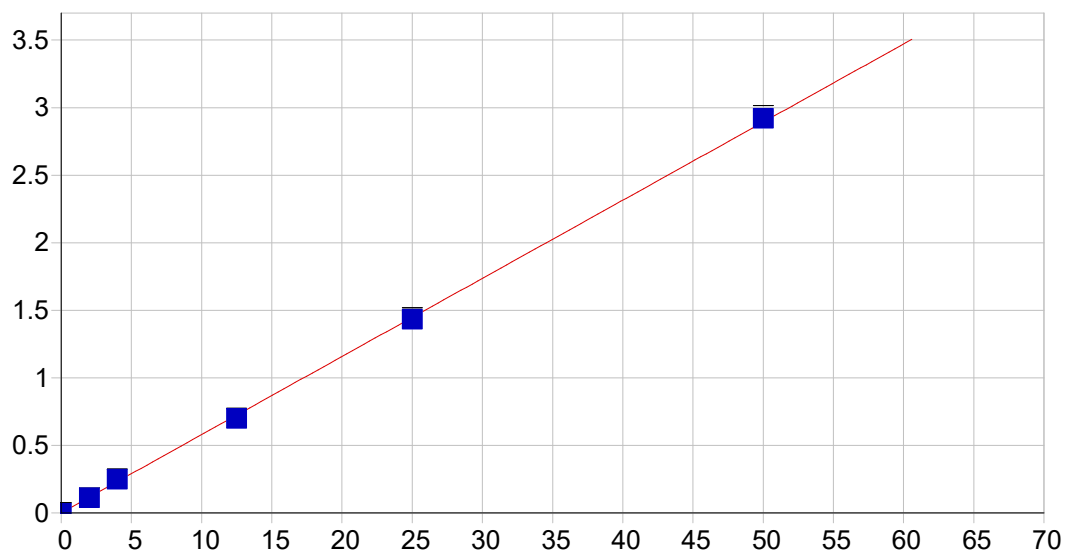


**Cd 226.502 {449}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000253 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.294510 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999690 | Status:   | OK.      |
| Std Error of Est: | 0.000519 |           |          |
| Predicted MDL:    | 0.000087 |           |          |
| Predicted MQL:    | 0.000289 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00025 | .000    | 1        |
| S1        | .00600       | .00573      | -.000      | -4.48   | .01347 | .000    | 1        |
| S3        | 1.2500       | 1.2505      | .000       | .037    | 2.8718 | .007    | 1        |
| S4        | 2.5000       | 2.4689      | -.031      | -1.24   | 5.6699 | .026    | 1        |
| S5        | 5.0000       | 4.9851      | -.015      | -.299   | 11.448 | .020    | 1        |
| S2        | .40000       | .44583      | .046       | 11.5    | 1.0240 | .001    | 1        |

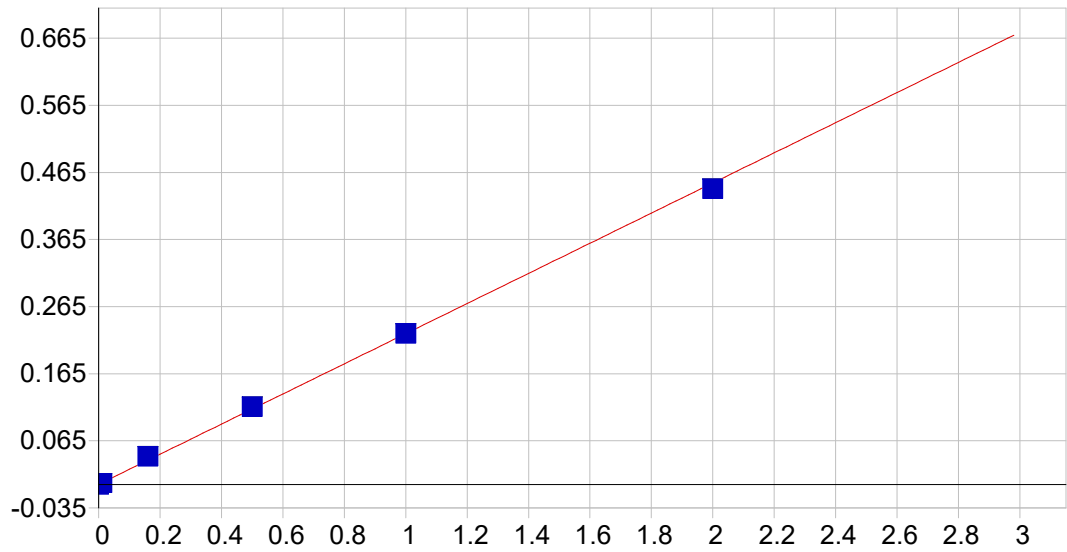


Ca 373.690 { 90}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001152 Re-Slope: 1.000000  
 A1 (Gain): 0.057835 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999736 Status: OK.  
 Std Error of Est: 0.000704  
 Predicted MDL: 0.008578  
 Predicted MQL: 0.028592

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00115 | .000    | 1        |
| S2        | 4.0000       | 4.2937      | .294       | 7.34    | .24948 | .001    | 1        |
| S3        | 12.500       | 12.058      | -.442      | -3.53   | .69855 | .002    | 1        |
| S4        | 25.000       | 24.753      | -.247      | -.986   | 1.4328 | .011    | 1        |
| S5        | 50.000       | 50.494      | .494       | .987    | 2.9215 | .021    | 1        |
| S1        | 2.0000       | 1.9006      | -.099      | -4.97   | .11108 | .001    | 1        |

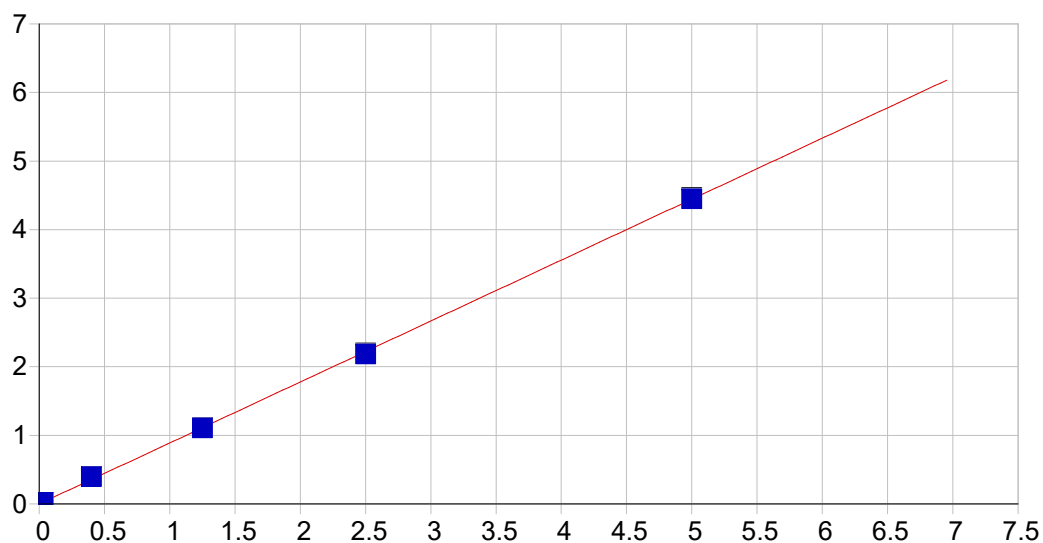


**Cr 267.716 {126}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000043 Re-Slope: 1.000000  
 A1 (Gain): 0.224640 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999278 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.000352  
 Predicted MQL: 0.001174

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .00955      | -.000      | -4.54   | .00219 | .000    | 1        |
| S3        | .50000       | .51464      | .015       | 2.93    | .11569 | .000    | 1        |
| S4        | 1.0000       | 1.0006      | .001       | .060    | .22489 | .000    | 1        |
| S5        | 2.0000       | 1.9598      | -.040      | -2.01   | .44042 | .000    | 1        |
| S2        | .16000       | .18546      | .025       | 15.9    | .04172 | .000    | 1        |

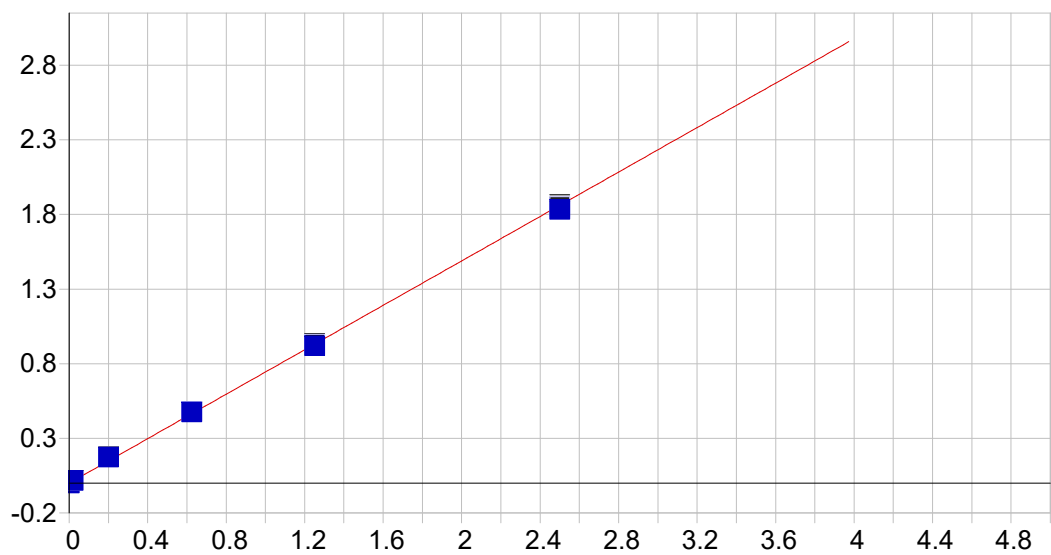


**Co 228.616 {448}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000068 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.888825 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999666 | Status:   | OK.      |
| Std Error of Est: | 0.000468 |           |          |
| Predicted MDL:    | 0.000199 |           |          |
| Predicted MQL:    | 0.000663 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00007 | .000    | 1        |
| S1        | .03000       | .02865      | -.001      | -4.51   | .02542 | .000    | 1        |
| S3        | 1.2500       | 1.2459      | -.004      | -.332   | 1.1093 | .003    | 1        |
| S4        | 2.5000       | 2.4574      | -.043      | -1.70   | 2.1880 | .012    | 1        |
| S5        | 5.0000       | 5.0018      | .002       | .036    | 4.4533 | .013    | 1        |
| S2        | .40000       | .44630      | .046       | 11.6    | .39735 | .000    | 1        |

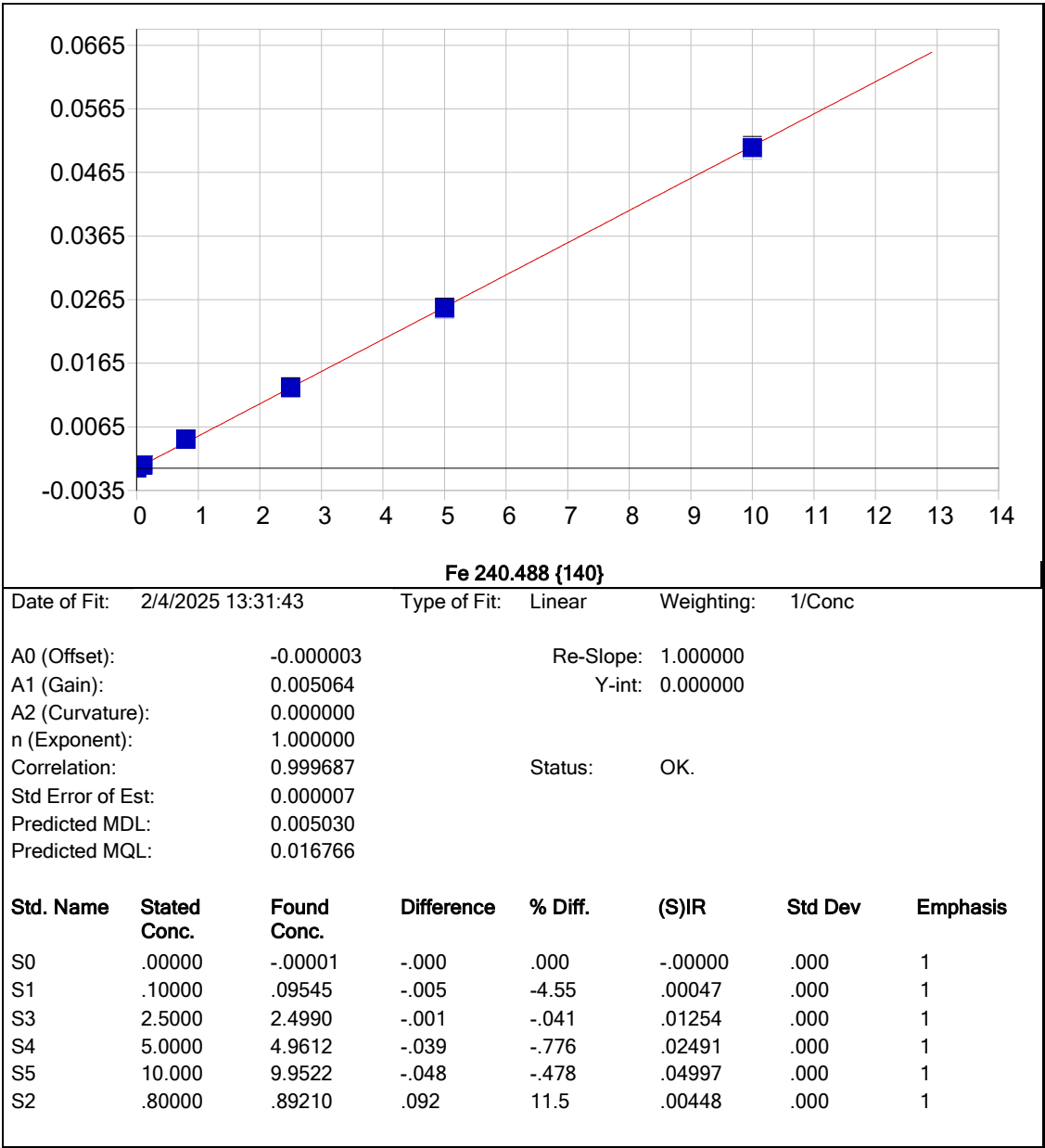


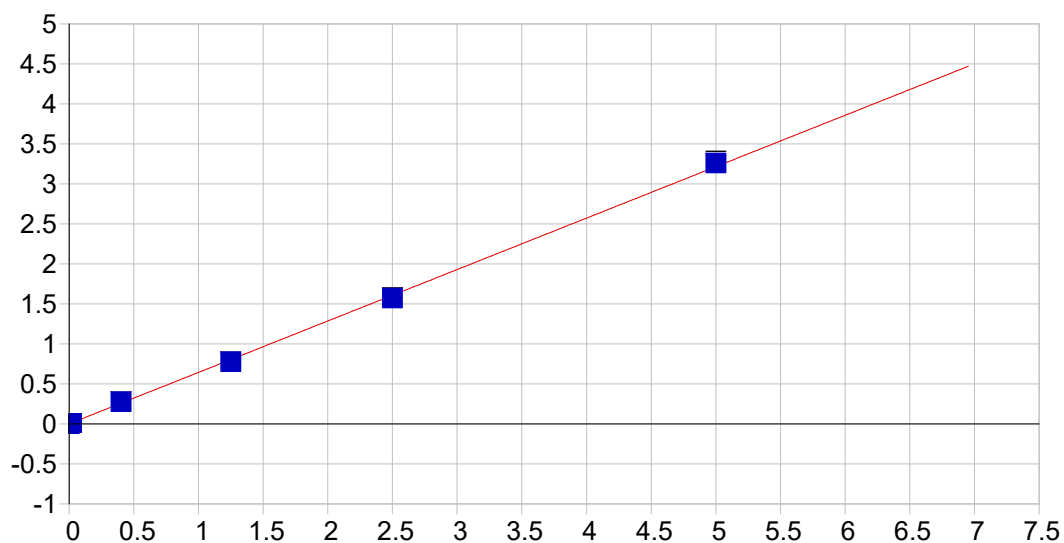
**Cu 224.700 {450}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000255 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.744559  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999259  | Status:   | OK.      |
| Std Error of Est: | 0.000340  |           |          |
| Predicted MDL:    | 0.000402  |           |          |
| Predicted MQL:    | 0.001340  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00026 | .000    | 1        |
| S1        | .02000       | .02153      | .002       | 7.65    | .01597  | .000    | 1        |
| S3        | .62500       | .63867      | .014       | 2.19    | .47989  | .001    | 1        |
| S4        | 1.2500       | 1.2367      | -.013      | -1.07   | .92977  | .004    | 1        |
| S5        | 2.5000       | 2.4639      | -.036      | -1.45   | 1.8527  | .013    | 1        |
| S2        | .20000       | .23426      | .034       | 17.1    | .17564  | .001    | 1        |



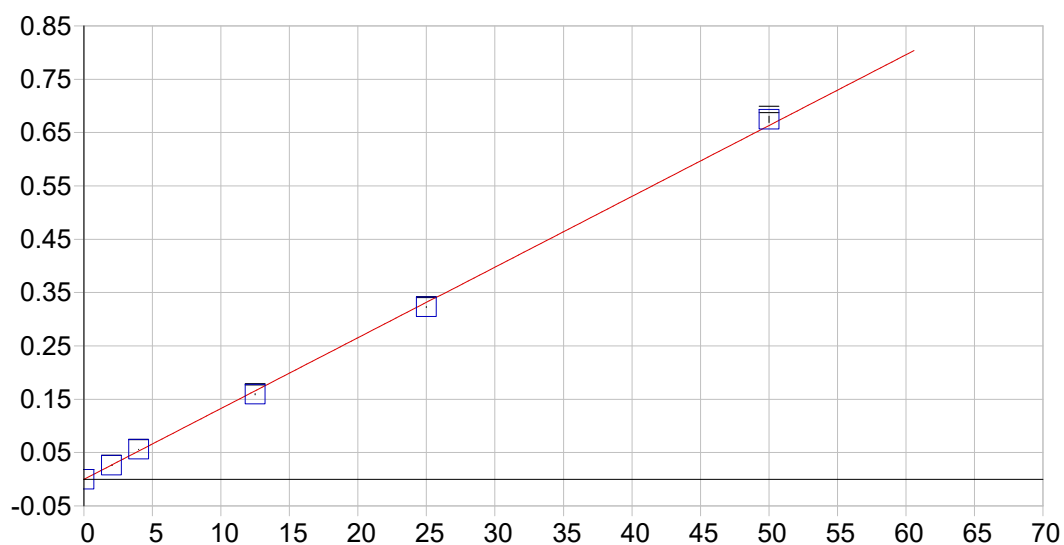


**Mn 257.610 {131}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000018 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.642868 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999664 | Status:   | OK.      |
| Std Error of Est: | 0.000276 |           |          |
| Predicted MDL:    | 0.000319 |           |          |
| Predicted MQL:    | 0.001064 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .02000       | .01903      | -.001      | -4.83   | .01226 | .000    | 1        |
| S3        | 1.2500       | 1.2069      | -.043      | -3.45   | .77604 | .000    | 1        |
| S4        | 2.5000       | 2.4440      | -.056      | -2.24   | 1.5715 | .010    | 1        |
| S5        | 5.0000       | 5.0689      | .069       | 1.38    | 3.2593 | .026    | 1        |
| S2        | .40000       | .43120      | .031       | 7.80    | .27727 | .001    | 1        |

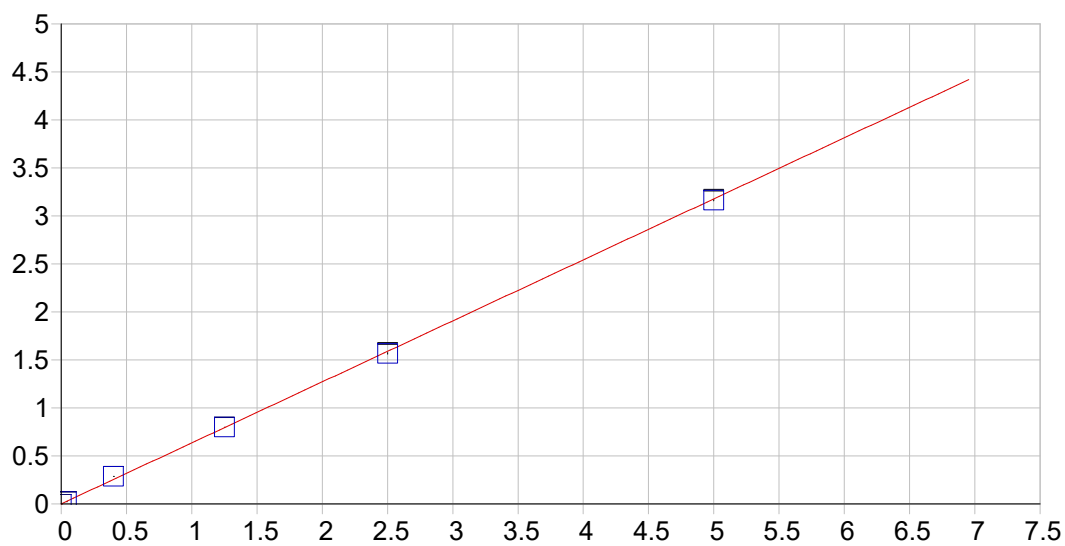


**Mg 279.079 {121}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000266 Re-Slope: 1.000000  
 A1 (Gain): 0.013270 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999657 Status: OK.  
 Std Error of Est: 0.000184  
 Predicted MDL: 0.017292  
 Predicted MQL: 0.057641

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | -.00027 | .000    | 1        |
| S2        | 4.0000       | 4.2455      | .246       | 6.14    | .05607  | .000    | 1        |
| S3        | 12.500       | 12.031      | -.469      | -3.75   | .15939  | .001    | 1        |
| S4        | 25.000       | 24.355      | -.645      | -2.58   | .32291  | .001    | 1        |
| S5        | 50.000       | 50.863      | .863       | 1.73    | .67467  | .006    | 1        |
| S1        | 2.0000       | 2.0050      | .005       | .251    | .02634  | .000    | 1        |

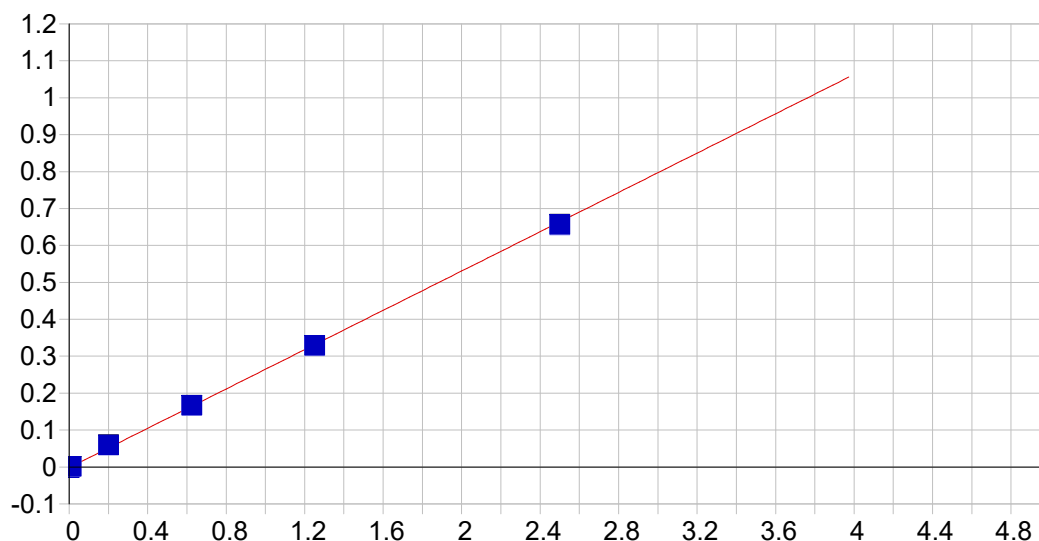


**Ni 231.604 {446}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000126 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.635558 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999618 | Status:   | OK.      |
| Std Error of Est: | 0.000412 |           |          |
| Predicted MDL:    | 0.000310 |           |          |
| Predicted MQL:    | 0.001034 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00012 | .000    | 1        |
| S1        | .04000       | .03845      | -.002      | -3.87   | .02456 | .000    | 1        |
| S3        | 1.2500       | 1.2566      | .007       | .527    | .79876 | .002    | 1        |
| S4        | 2.5000       | 2.4653      | -.035      | -1.39   | 1.5670 | .008    | 1        |
| S5        | 5.0000       | 4.9792      | -.021      | -.415   | 3.1647 | .010    | 1        |
| S2        | .40000       | .45042      | .050       | 12.6    | .28639 | .000    | 1        |

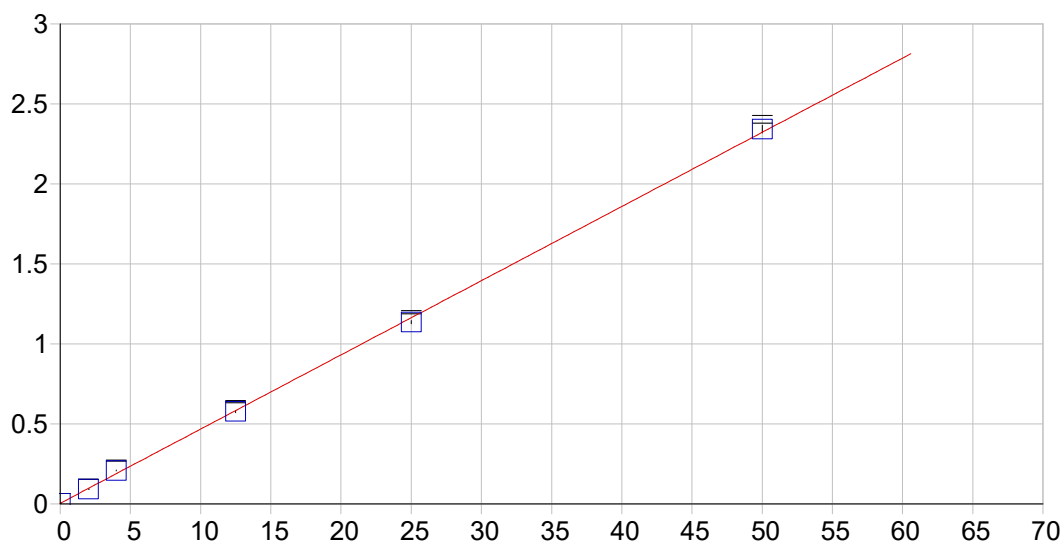


**Ag 328.068 {103}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001665 Re-Slope: 1.000000  
 A1 (Gain): 0.266185 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999513 Status: OK.  
 Std Error of Est: 0.000069  
 Predicted MDL: 0.000386  
 Predicted MQL: 0.001288

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00167 | .000    | 1        |
| S1        | .01000       | .01020      | .000       | 2.04    | .00103  | .000    | 1        |
| S3        | .62500       | .63236      | .007       | 1.18    | .16600  | .000    | 1        |
| S4        | 1.2500       | 1.2408      | -.009      | -.739   | .32729  | .001    | 1        |
| S5        | 2.5000       | 2.4734      | -.027      | -1.06   | .65408  | .000    | 1        |
| S2        | .20000       | .22827      | .028       | 14.1    | .05889  | .000    | 1        |

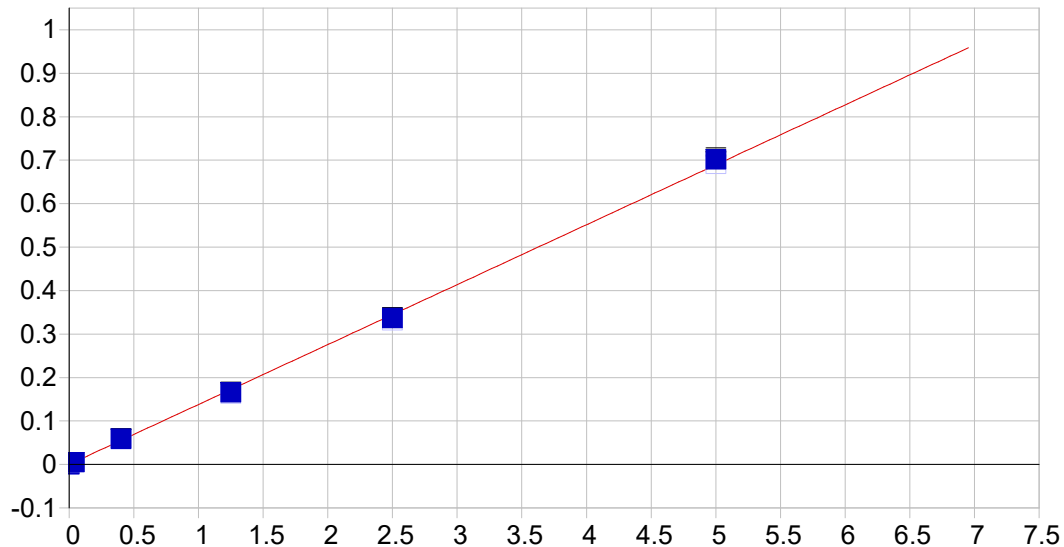


# **Na 589.592 { 57}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004028 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.046369 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999635 | Status:   | OK.      |
| Std Error of Est: | 0.000663 |           |          |
| Predicted MDL:    | 0.005825 |           |          |
| Predicted MQL:    | 0.019415 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00005     | -.000      | .000    | .00403 | .000    | 1        |
| S2        | 4.0000       | 4.4177      | .418       | 10.4    | .20887 | .002    | 1        |
| S3        | 12.500       | 12.371      | -.129      | -1.03   | .57765 | .007    | 1        |
| S4        | 25.000       | 24.412      | -.588      | -2.35   | 1.1360 | .010    | 1        |
| S5        | 50.000       | 50.410      | .410       | .819    | 2.3415 | .024    | 1        |
| S1        | 2.0000       | 1.8892      | -.111      | -5.54   | .09163 | .001    | 1        |

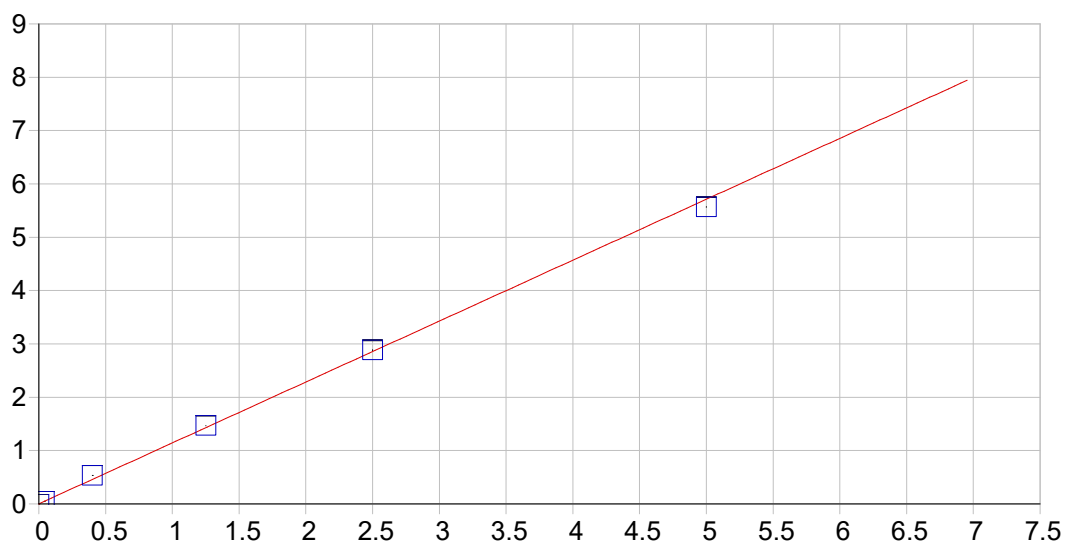


V 292.402 {115}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000  
 A1 (Gain): 0.137857 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999627 Status: OK.  
 Std Error of Est: 0.000087  
 Predicted MDL: 0.001679  
 Predicted MQL: 0.005595

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .04000       | .03734      | -.003      | -6.65   | .00504 | .000    | 1        |
| S3        | 1.2500       | 1.2000      | -.050      | -4.00   | .16302 | .001    | 1        |
| S4        | 2.5000       | 2.4405      | -.059      | -2.38   | .33152 | .001    | 1        |
| S5        | 5.0000       | 5.0871      | .087       | 1.74    | .69135 | .004    | 1        |
| S2        | .40000       | .42490      | .025       | 6.22    | .05787 | .000    | 1        |

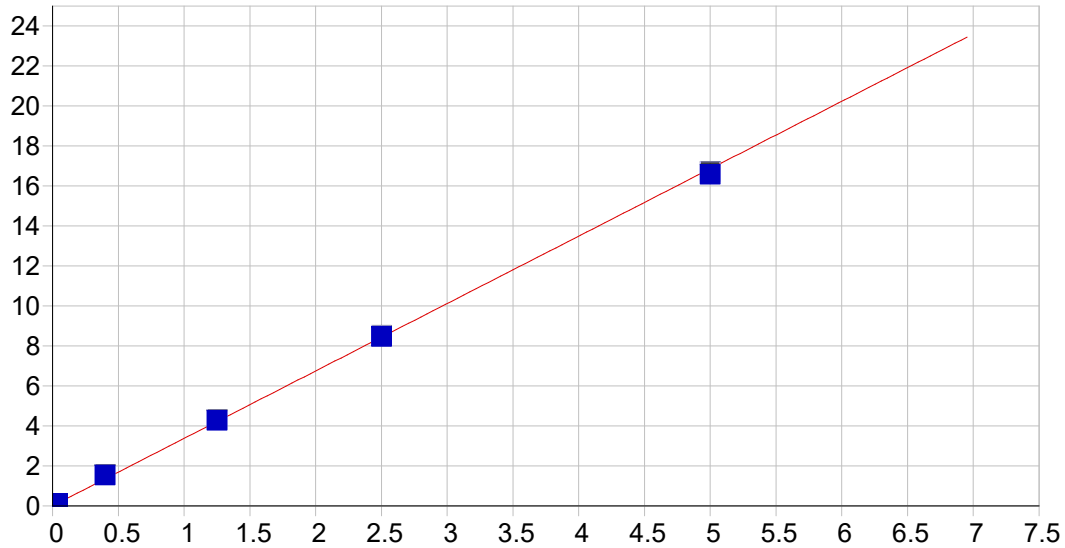


**Zn 206.200 {464}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001229 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.142204 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999181 | Status:   | OK.      |
| Std Error of Est: | 0.001086 |           |          |
| Predicted MDL:    | 0.000176 |           |          |
| Predicted MQL:    | 0.000585 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00122 | .000    | 1        |
| S1        | .04000       | .04163      | .002       | 4.08    | .04878 | .000    | 1        |
| S3        | 1.2500       | 1.2843      | .034       | 2.75    | 1.4682 | .003    | 1        |
| S4        | 2.5000       | 2.5231      | .023       | .923    | 2.8831 | .010    | 1        |
| S5        | 5.0000       | 4.8754      | -.125      | -2.49   | 5.5699 | .007    | 1        |
| S2        | .40000       | .46556      | .066       | 16.4    | .53299 | .001    | 1        |

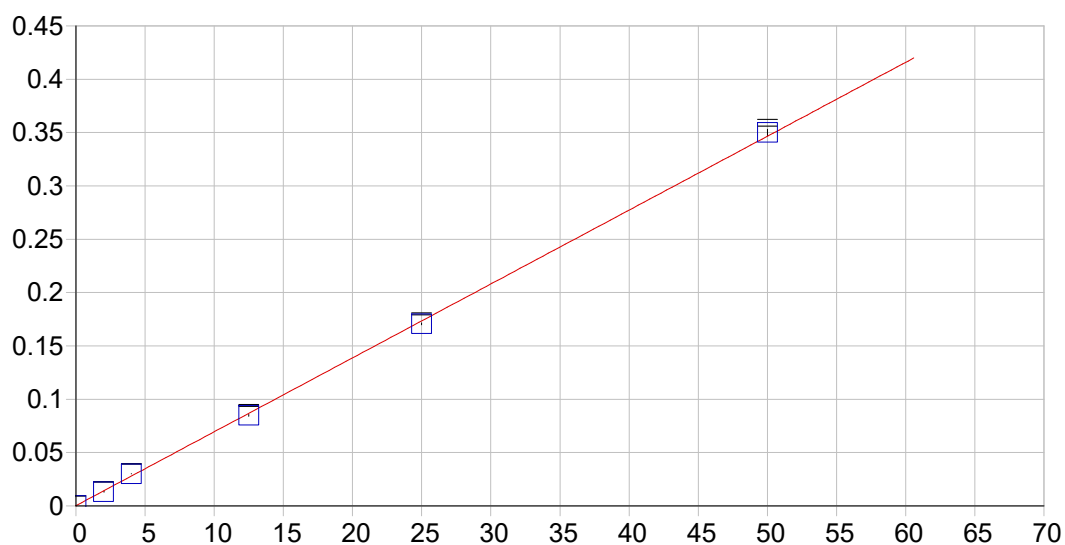


**Zn 213.856 {158}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004858 Re-Slope: 1.000000  
 A1 (Gain): 3.371910 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999485 Status: OK.  
 Std Error of Est: 0.002557  
 Predicted MDL: 0.000244  
 Predicted MQL: 0.000813

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00484 | .000    | 1        |
| S1        | .04000       | .04075      | .001       | 1.87    | .14320 | .000    | 1        |
| S3        | 1.2500       | 1.2668      | .017       | 1.35    | 4.3058 | .014    | 1        |
| S4        | 2.5000       | 2.5084      | .008       | .338    | 8.5217 | .005    | 1        |
| S5        | 5.0000       | 4.9175      | -.082      | -1.65   | 16.704 | .020    | 1        |
| S2        | .40000       | .45645      | .056       | 14.1    | 1.5534 | .003    | 1        |

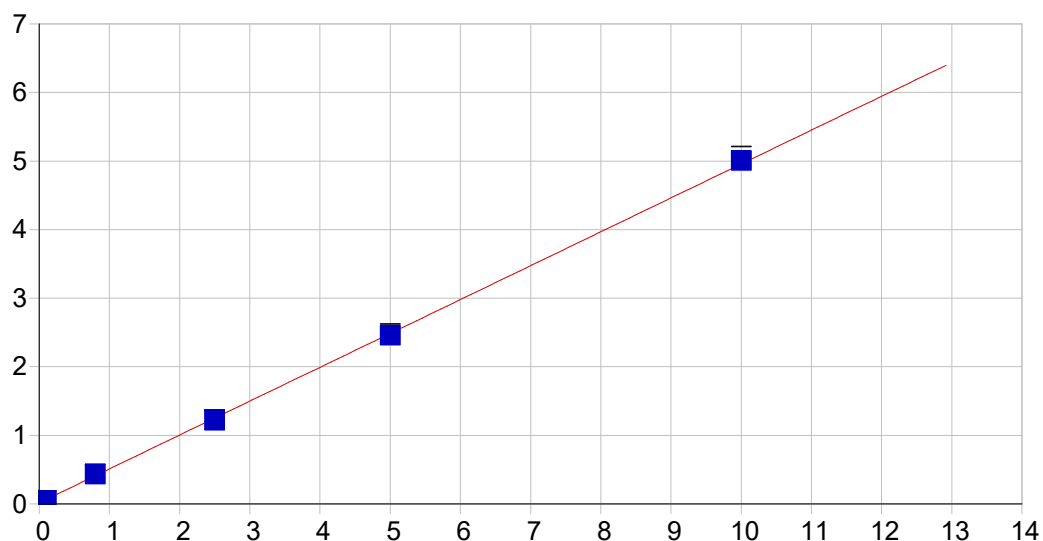


**K 766.490 { 44}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000241 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.006927 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999730 | Status:   | OK.      |
| Std Error of Est: | 0.000085 |           |          |
| Predicted MDL:    | 0.029554 |           |          |
| Predicted MQL:    | 0.098515 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00024 | .000    | 1        |
| S2        | 4.0000       | 4.3125      | .313       | 7.81    | .03011 | .000    | 1        |
| S3        | 12.500       | 12.212      | -.288      | -2.30   | .08483 | .001    | 1        |
| S4        | 25.000       | 24.608      | -.392      | -1.57   | .17070 | .001    | 1        |
| S5        | 50.000       | 50.496      | .496       | .993    | .35002 | .003    | 1        |
| S1        | 2.0000       | 1.8706      | -.129      | -6.47   | .01320 | .000    | 1        |

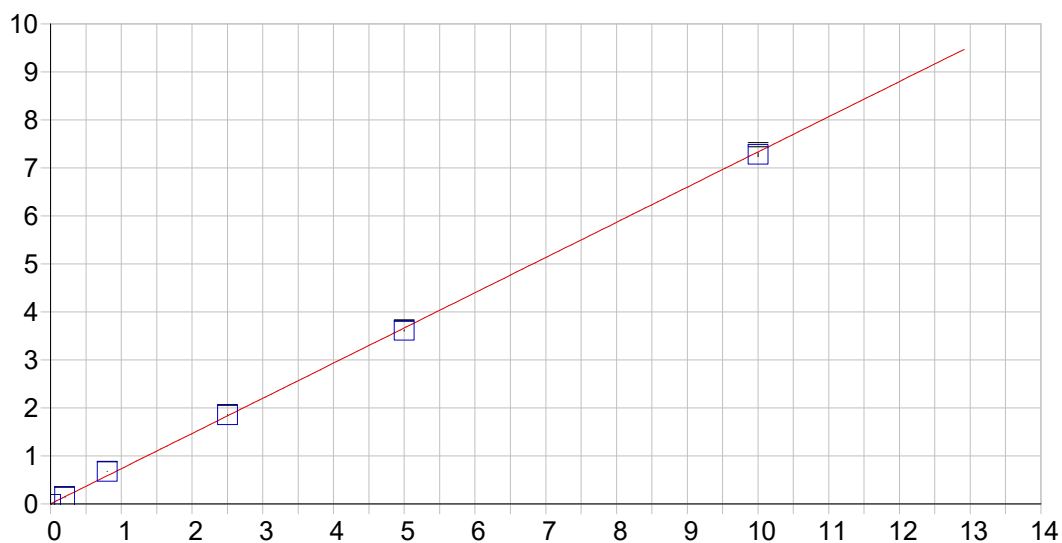


**B 249.678 {135}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.016073 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.494024 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999714 | Status:   | OK.      |
| Std Error of Est: | 0.000619 |           |          |
| Predicted MDL:    | 0.000611 |           |          |
| Predicted MQL:    | 0.002036 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .01608 | .001    | 1        |
| S1        | .10000       | .07764      | -.022      | -22.4   | .05422 | .000    | 1        |
| S3        | 2.5000       | 2.4365      | -.063      | -2.54   | 1.2174 | .010    | 1        |
| S4        | 5.0000       | 4.9435      | -.057      | -1.13   | 2.4534 | .024    | 1        |
| S5        | 10.000       | 10.100      | .100       | 1.00    | 4.9961 | .066    | 1        |
| S2        | .80000       | .84227      | .042       | 5.28    | .43140 | .002    | 1        |

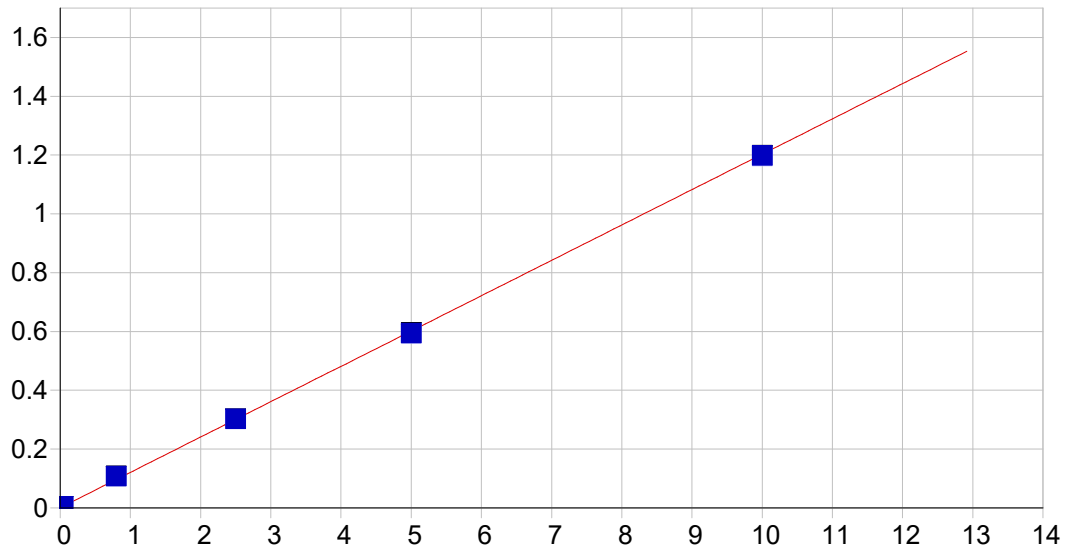


Mo 202.030 {467}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000645 Re-Slope: 1.000000  
 A1 (Gain): 0.733216 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999460 Status: OK.  
 Std Error of Est: 0.001794  
 Predicted MDL: 0.000268  
 Predicted MQL: 0.000894

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00063 | .000    | 1        |
| S1        | .20000       | .19915      | -.001      | -.424   | .14667 | .000    | 1        |
| S3        | 2.5000       | 2.5277      | .028       | 1.11    | 1.8540 | .004    | 1        |
| S4        | 5.0000       | 4.9271      | -.073      | -1.46   | 3.6133 | .013    | 1        |
| S5        | 10.000       | 9.9258      | -.074      | -.742   | 7.2784 | .042    | 1        |
| S2        | .80000       | .92022      | .120       | 15.0    | .67536 | .002    | 1        |



**Sn 189.989 {478}**

Date of Fit: 2/4/2025 13:31:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000579

Re-Slope: 1.000000

A1 (Gain): 0.120211

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999688

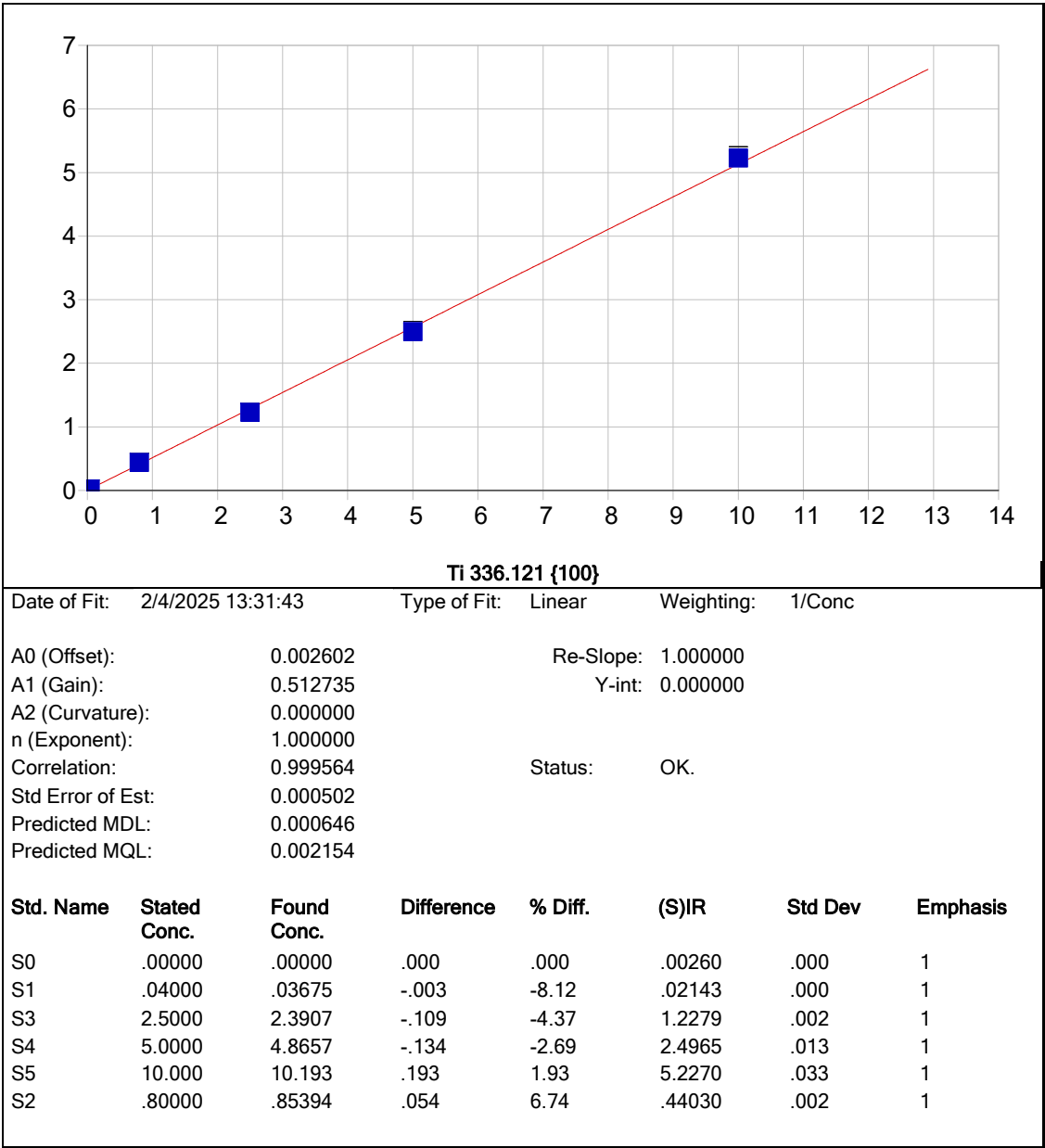
Status: OK.

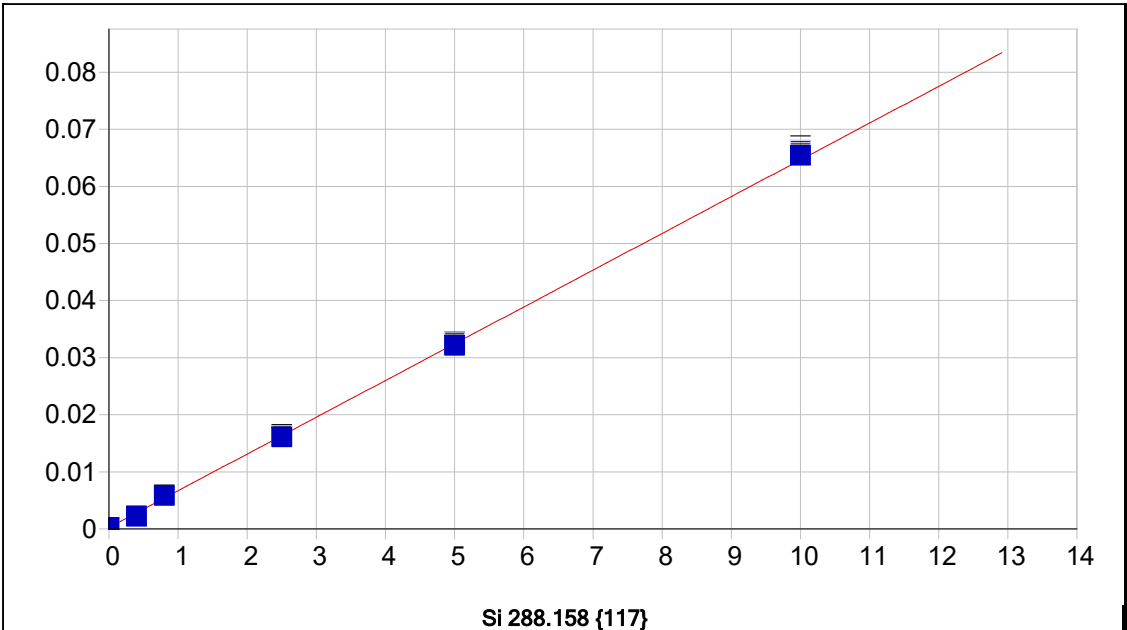
Std Error of Est: 0.000099

Predicted MDL: 0.000773

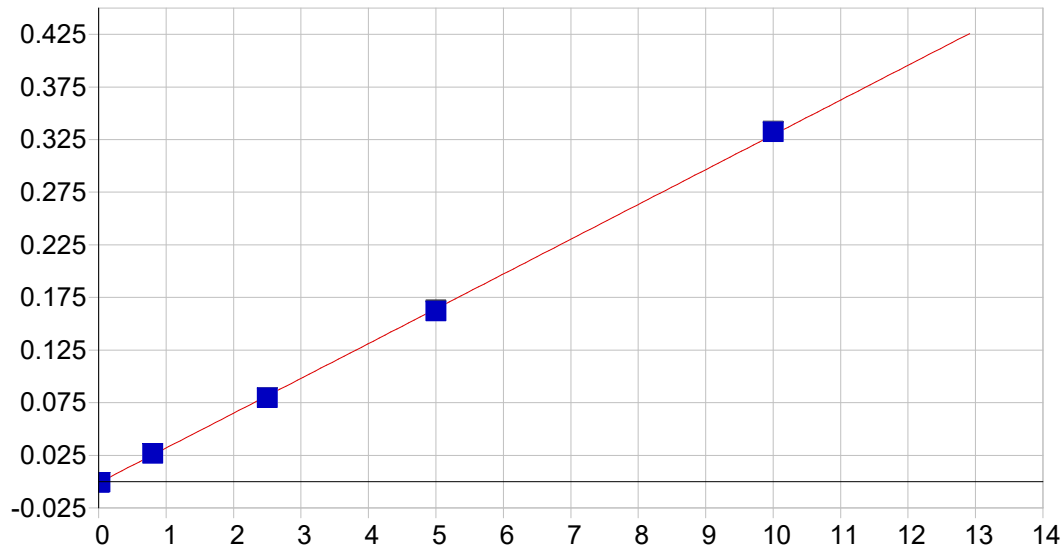
Predicted MQL: 0.002576

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00058 | .000    | 1        |
| S1        | .04000       | .04280      | .003       | 7.01    | .00572 | .000    | 1        |
| S3        | 2.5000       | 2.5119      | .012       | .478    | .30224 | .001    | 1        |
| S4        | 5.0000       | 4.9357      | -.064      | -1.29   | .59329 | .003    | 1        |
| S5        | 10.000       | 9.9594      | -.041      | -.406   | 1.1966 | .002    | 1        |
| S2        | .80000       | .89017      | .090       | 11.3    | .10749 | .000    | 1        |





|                                |              |                     |            |                   |        |         |          |
|--------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 2/4/2025 13:31:43 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.000248          |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 0.006439            |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000       |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000         |              |                     |            |                   |        |         |          |
| Correlation: 0.999128          |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 0.000029     |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.007006        |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.023352        |              |                     |            |                   |        |         |          |
|                                |              |                     |            |                   |        |         |          |
| Std. Name                      | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                             | .00000       | .00007              | .000       | .000              | .00025 | .000    | 1        |
| S1                             | .40000       | .29916              | -.101      | -25.2             | .00218 | .000    | 1        |
| S3                             | 2.5000       | 2.4594              | -.041      | -1.62             | .01633 | .000    | 1        |
| S4                             | 5.0000       | 4.9511              | -.049      | -.978             | .03261 | .000    | 1        |
| S5                             | 10.000       | 10.122              | .122       | 1.22              | .06640 | .001    | 1        |
| S2                             | .80000       | .86666              | .067       | 8.33              | .00591 | .000    | 1        |

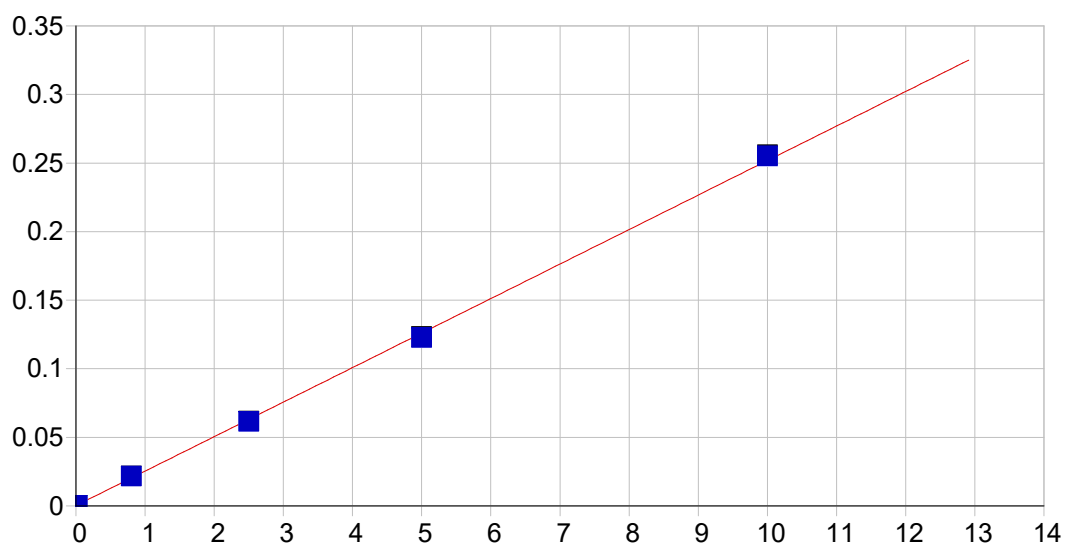


P 177.495 {490}

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001145 Re-Slope: 1.000000  
 A1 (Gain): 0.033063 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.002594  
 Predicted MQL: 0.008647

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00114 | .000    | 1        |
| S1        | .02000       | .01559      | -.004      | -22.0   | -.00063 | .000    | 1        |
| S3        | 2.5000       | 2.4393      | -.061      | -2.43   | .07949  | .000    | 1        |
| S4        | 5.0000       | 4.9393      | -.061      | -1.21   | .16214  | .001    | 1        |
| S5        | 10.000       | 10.084      | .084       | .840    | .33221  | .001    | 1        |
| S2        | .80000       | .84184      | .042       | 5.23    | .02669  | .000    | 1        |

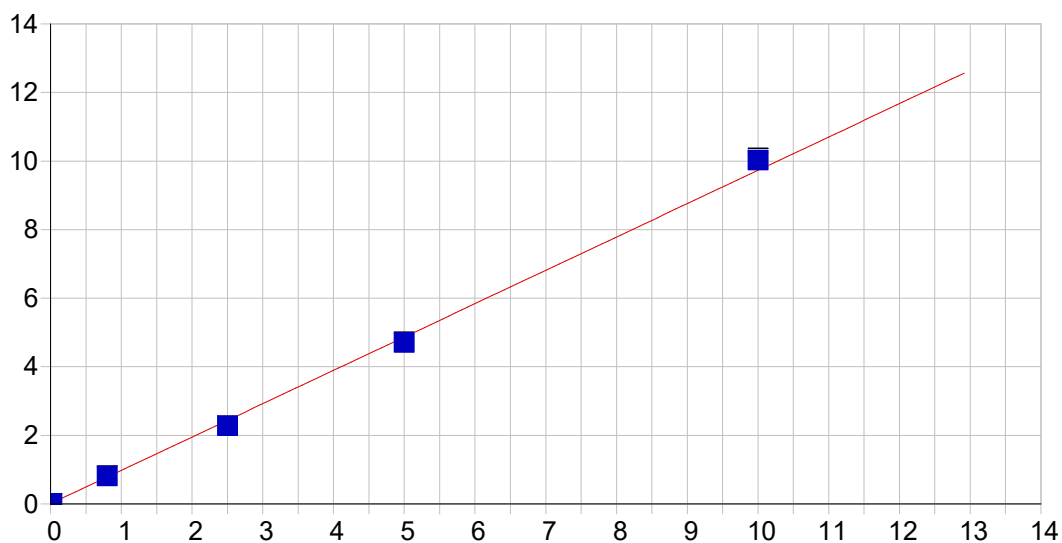


**S 182.034 {485}**

Date of Fit: 2/4/2025 13:31:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000191 Re-Slope: 1.000000  
 A1 (Gain): 0.025163 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999702 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.003372  
 Predicted MQL: 0.011240

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .02000       | .01646      | -.004      | -17.7   | .00058 | .000    | 1        |
| S3        | 2.5000       | 2.4383      | -.062      | -2.47   | .06138 | .000    | 1        |
| S4        | 5.0000       | 4.8735      | -.126      | -2.53   | .12249 | .001    | 1        |
| S5        | 10.000       | 10.138      | .138       | 1.38    | .25463 | .001    | 1        |
| S2        | .80000       | .85372      | .054       | 6.72    | .02162 | .000    | 1        |



Li 670.784 { 50}

Date of Fit: 2/4/2025 13:31:43

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005044

Re-Slope: 1.000000

A1 (Gain): 0.972448

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999237

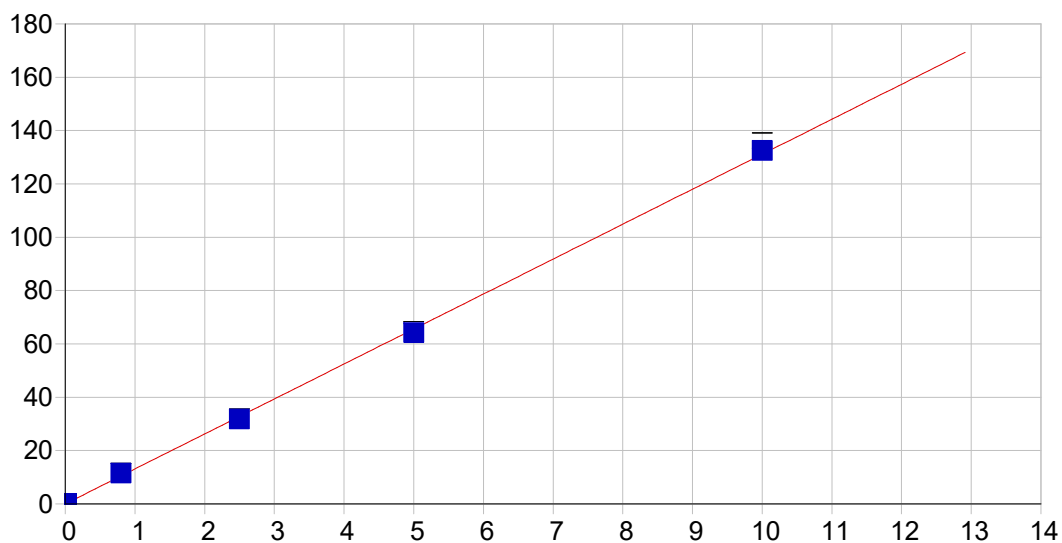
Status: OK.

Std Error of Est: 0.000892

Predicted MDL: 0.000984

Predicted MQL: 0.003281

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00505 | .000    | 1        |
| S5        | 10.000       | 10.303      | .303       | 3.03    | 10.033 | .056    | 1        |
| S4        | 5.0000       | 4.8342      | -.166      | -3.32   | 4.7104 | .015    | 1        |
| S3        | 2.5000       | 2.3334      | -.167      | -6.66   | 2.2764 | .009    | 1        |
| S1        | .02000       | .01581      | -.004      | -21.0   | .02077 | .001    | 1        |
| S2        | .80000       | .83320      | .033       | 4.15    | .81598 | .006    | 1        |



**Sr 407.771 { 83}**

Date of Fit: 2/4/2025 13:31:43      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.004897  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 13.112923 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999659  | Status:   | OK.      |
| Std Error of Est: | 0.008039  |           |          |
| Predicted MDL:    | 0.000043  |           |          |
| Predicted MQL:    | 0.000143  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00490 | .000    | 1        |
| S1        | .02000       | .01829      | -.002      | -8.57   | .24600 | .001    | 1        |
| S3        | 2.5000       | 2.4267      | -.073      | -2.93   | 31.859 | .101    | 1        |
| S4        | 5.0000       | 4.8984      | -.102      | -2.03   | 64.302 | .435    | 1        |
| S5        | 10.000       | 10.101      | .101       | 1.01    | 132.59 | 2.88    | 1        |
| S2        | .80000       | .87568      | .076       | 9.46    | 11.498 | .056    | 1        |



Date of Fit: 2/4/2025 13:31:43      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       |              |           |            |           |

**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    |            |         |         |           |          |
| 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 |

Sample Name: S0      Acquired: 2/4/2025 11:48:48      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | -.00009 | -.00013 | -.00011 | .00025  | .00064  | -.00050 | .03410  | -.00007 |
| Stddev | .00005  | .00005  | .00015  | .00030  | .00010  | .00031  | .00154  | .00020  |
| %RSD   | 57.243  | 42.253  | 134.23  | 119.05  | 15.758  | 61.577  | 4.5272  | 283.13  |
| #1     | -.00009 | -.00008 | .00005  | -.00006 | .00060  | -.00060 | .03588  | .00016  |
| #2     | -.00004 | -.00011 | -.00023 | .00054  | .00056  | -.00015 | .03306  | -.00018 |
| #3     | -.00014 | -.00019 | -.00015 | .00028  | .00075  | -.00074 | .03337  | -.00019 |
| 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    | .00025  | .00115  | .00004  | .00007  | -.00026 | -.00000 | .00002  | -.00027 |
| Stddev | .00022  | .00004  | .00005  | .00006  | .00022  | .00002  | .00005  | .00019  |
| %RSD   | 88.927  | 3.7067  | 115.43  | 85.153  | 85.416  | 578.68  | 290.49  | 69.972  |
| #1     | .00046  | .00112  | .00009  | .00009  | -.00047 | -.00001 | -.00004 | -.00028 |
| #2     | .00001  | .00115  | .00004  | .00000  | -.00027 | -.00002 | .00005  | -.00007 |
| #3     | .00029  | .00120  | -.00000 | .00010  | -.00003 | .00002  | .00005  | -.00045 |
| 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    | .00012  | -.00167 | .00403  | .00010  | .00484  | .00024  | .01608  | .00063  |
| Stddev | .00009  | .00004  | .00038  | .00011  | .00050  | .00016  | .00069  | .00008  |
| %RSD   | 76.236  | 2.6861  | 9.3837  | 111.27  | 10.281  | 64.317  | 4.2965  | 12.115  |
| #1     | .00010  | -.00171 | .00370  | .00024  | .00512  | .00041  | .01664  | .00071  |
| #2     | .00023  | -.00166 | .00444  | .00004  | .00426  | .00010  | .01629  | .00059  |
| #3     | .00004  | -.00162 | .00394  | .00003  | .00513  | .00021  | .01531  | .00057  |
| 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    | .00058  | .00260  | .00025  | -.00114 | .00019  | .00505  | .00490  |         |
| Stddev | .00005  | .00011  | .00006  | .00003  | .00002  | .00033  | .00040  |         |
| %RSD   | 7.9578  | 4.2156  | 25.915  | 2.5370  | 8.4269  | 6.4955  | 8.1161  |         |
| #1     | .00052  | .00252  | .00030  | -.00117 | .00021  | .00468  | .00482  |         |
| #2     | .00060  | .00256  | .00026  | -.00111 | .00019  | .00518  | .00534  |         |
| #3     | .00060  | .00273  | .00018  | -.00115 | .00018  | .00529  | .00455  |         |

Sample Name: S0      Acquired: 2/4/2025 11:48:48      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2873.7 | 60666. | 11097. | 1970.1 | 4552.5 |
| Stddev    | 11.1   | 72.    | 86.    | 8.6    | 18.5   |
| %RSD      | .38660 | .11852 | .77733 | .43706 | .40570 |
| #1        | 2885.4 | 60673. | 10998. | 1964.7 | 4573.2 |
| #2        | 2872.4 | 60735. | 11143. | 1980.0 | 4546.8 |
| #3        | 2863.3 | 60591. | 11151. | 1965.5 | 4537.7 |

Sample Name: S1      Acquired: 2/4/2025 11:53:12      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | .00138 | .00223 | .00238 | .00200 | .00958 | .00797 | .30451 | .02668 |
| Stddev | .00005 | .00016 | .00018 | .00022 | .00024 | .00033 | .00112 | .00023 |
| %RSD   | 3.7348 | 7.2107 | 7.3647 | 10.913 | 2.4632 | 4.0945 | .36906 | .85106 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00141 | .00207 | .00255 | .00182 | .00938 | .00763 | .30527 | .02644 |
| #2 | .00142 | .00224 | .00220 | .00224 | .00952 | .00828 | .30504 | .02672 |
| #3 | .00132 | .00239 | .00240 | .00194 | .00984 | .00800 | .30322 | .02689 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01347 | .11108 | .00219 | .02542 | .01597 | .00047 | .01226 | .02634 |
| Stddev | .00010 | .00058 | .00000 | .00020 | .00019 | .00003 | .00023 | .00002 |
| %RSD   | .75799 | .52400 | .09646 | .79891 | 1.2096 | 5.5391 | 1.8415 | .08553 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01350 | .11119 | .00219 | .02544 | .01600 | .00047 | .01223 | .02635 |
| #2 | .01355 | .11159 | .00219 | .02521 | .01577 | .00045 | .01250 | .02636 |
| #3 | .01335 | .11045 | .00219 | .02561 | .01615 | .00050 | .01205 | .02632 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .02456 | .00103 | .09163 | .00504 | .14320 | .01320 | .05422 | .14667 |
| Stddev | .00010 | .00007 | .00058 | .00011 | .00022 | .00013 | .00043 | .00048 |
| %RSD   | .39158 | 6.5675 | .63651 | 2.1992 | .15287 | .97046 | .78591 | .32561 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02460 | .00098 | .09109 | .00510 | .14311 | .01307 | .05452 | .14680 |
| #2 | .02464 | .00101 | .09155 | .00512 | .14345 | .01333 | .05440 | .14614 |
| #3 | .02445 | .00111 | .09225 | .00492 | .14304 | .01319 | .05373 | .14706 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| 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    | .00572 | .02143 | .00218 | -.00063 | .00058 | .02077 | .24600 |  |
| Stddev | .00003 | .00014 | .00005 | .00002  | .00005 | .00056 | .00052 |  |
| %RSD   | .58600 | .64024 | 2.4148 | 3.7519  | 8.4198 | 2.7151 | .21182 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00571 | .02159 | .00213 | -.00062 | .00055 | .02142 | .24551 |  |
| #2 | .00576 | .02134 | .00218 | -.00061 | .00056 | .02042 | .24594 |  |
| #3 | .00569 | .02137 | .00223 | -.00065 | .00064 | .02046 | .24655 |  |

Sample Name: S1      Acquired: 2/4/2025 11:53:12      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2819.6 | 59343. | 11364. | 1908.6 | 4424.3 |
| Stddev    | 9.2    | 108.   | 30.    | 10.1   | 14.3   |
| %RSD      | .32714 | .18176 | .26110 | .52948 | .32312 |
| #1        | 2809.1 | 59374. | 11350. | 1920.1 | 4407.8 |
| #2        | 2826.6 | 59432. | 11343. | 1904.7 | 4431.0 |
| #3        | 2823.0 | 59223. | 11398. | 1901.0 | 4434.0 |

Sample Name: S2      Acquired: 2/4/2025 11:57:35      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | .06557 | .06023 | .21703 | .07572 | .17072 | .13642 | 5.0870 | .20393 |
| Stddev | .00041 | .00029 | .00027 | .00024 | .00066 | .00077 | .0257  | .00164 |
| %RSD   | .62021 | .48805 | .12456 | .32264 | .38939 | .56089 | .50435 | .80645 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06528 | .06052 | .21682 | .07567 | .17003 | .13728 | 5.0858 | .20226 |
| #2 | .06540 | .05994 | .21694 | .07550 | .17077 | .13616 | 5.1132 | .20398 |
| #3 | .06604 | .06022 | .21734 | .07598 | .17136 | .13582 | 5.0620 | .20555 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0240 | .24948 | .04172 | .39735 | .17564 | .00448 | .27727 | .05607 |
| Stddev | .0008  | .00088 | .00022 | .00017 | .00055 | .00002 | .00124 | .00029 |
| %RSD   | .08350 | .35288 | .53046 | .04192 | .31448 | .34627 | .44617 | .51457 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0233 | .24958 | .04159 | .39719 | .17532 | .00446 | .27585 | .05609 |
| #2 | 1.0249 | .24855 | .04158 | .39735 | .17533 | .00449 | .27811 | .05577 |
| #3 | 1.0236 | .25030 | .04197 | .39752 | .17628 | .00449 | .27786 | .05635 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .28639 | .05889 | .20887 | .05787 | 1.5534 | .03011 | .43140 | .67536 |
| Stddev | .00039 | .00022 | .00221 | .00037 | .0029  | .00018 | .00215 | .00197 |
| %RSD   | .13750 | .37197 | 1.0574 | .63825 | .18654 | .58973 | .49755 | .29243 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28607 | .05907 | .21004 | .05819 | 1.5565 | .02997 | .42930 | .67377 |
| #2 | .28628 | .05894 | .21025 | .05796 | 1.5508 | .03031 | .43132 | .67475 |
| #3 | .28683 | .05864 | .20633 | .05747 | 1.5527 | .03005 | .43359 | .67757 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .10749 | .44030 | .00591 | .02669 | .02162 | .81598 | 11.498 |  |
| Stddev | .00019 | .00199 | .00004 | .00011 | .00011 | .00567 | .056   |  |
| %RSD   | .17861 | .45098 | .75238 | .42096 | .49167 | .69524 | .48484 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .10728 | .44032 | .00595 | .02674 | .02153 | .81812 | 11.517 |  |
| #2 | .10755 | .44227 | .00591 | .02656 | .02160 | .82028 | 11.542 |  |
| #3 | .10765 | .43830 | .00586 | .02676 | .02174 | .80955 | 11.435 |  |

Sample Name: S2      Acquired: 2/4/2025 11:57:35      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2762.3 | 59456. | 11471. | 1867.8 | 4277.8 |
| Stddev    | 9.1    | 63.    | 57.    | 9.2    | 8.1    |
| %RSD      | .32890 | .10614 | .49834 | .49521 | .18903 |
| #1        | 2766.2 | 59467. | 11523. | 1858.0 | 4282.8 |
| #2        | 2768.8 | 59513. | 11480. | 1869.0 | 4282.1 |
| #3        | 2751.9 | 59388. | 11409. | 1876.4 | 4268.5 |

Sample Name: S3      Acquired: 2/4/2025 12:01:38      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | .18199 | .17119 | .60673 | .20814 | .46920 | .38629 | 14.179 | .58424 |
| Stddev | .00055 | .00161 | .00234 | .00106 | .00144 | .00050 | .187   | .00345 |
| %RSD   | .30334 | .93782 | .38538 | .51162 | .30744 | .12959 | 1.3187 | .58979 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18193 | .17141 | .60552 | .20780 | .46872 | .38599 | 13.967 | .58262 |
| #2 | .18146 | .16948 | .60525 | .20728 | .46806 | .38687 | 14.320 | .58191 |
| #3 | .18256 | .17267 | .60942 | .20933 | .47082 | .38601 | 14.250 | .58820 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.8718 | .69855 | .11569 | 1.1093 | .47989 | .01254 | .77604 | .15939 |
| Stddev | .0067  | .00190 | .00021 | .0028  | .00065 | .00013 | .00041 | .00106 |
| %RSD   | .23235 | .27263 | .17937 | .25206 | .13594 | 1.0411 | .05240 | .66581 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8681 | .69715 | .11581 | 1.1070 | .47926 | .01263 | .77574 | .15833 |
| #2 | 2.8678 | .69778 | .11545 | 1.1085 | .47986 | .01261 | .77589 | .15938 |
| #3 | 2.8795 | .70072 | .11580 | 1.1124 | .48056 | .01239 | .77650 | .16045 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .79876 | .16600 | .57765 | .16302 | 4.3058 | .08483 | 1.2174 | 1.8540 |
| Stddev | .00202 | .00023 | .00715 | .00068 | .0144  | .00086 | .0096  | .0039  |
| %RSD   | .25340 | .13855 | 1.2370 | .42005 | .33568 | 1.0194 | .79179 | .20759 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79756 | .16615 | .58265 | .16362 | 4.3206 | .08508 | 1.2144 | 1.8515 |
| #2 | .79763 | .16611 | .58083 | .16228 | 4.2918 | .08555 | 1.2096 | 1.8521 |
| #3 | .80110 | .16573 | .56947 | .16317 | 4.3049 | .08387 | 1.2282 | 1.8584 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .30224 | 1.2279 | .01633 | .07949 | .06138 | 2.2764 | 31.859 |  |
| Stddev | .00099 | .0023  | .00018 | .00048 | .00022 | .0088  | .101   |  |
| %RSD   | .32612 | .18503 | 1.1239 | .60352 | .35116 | .38628 | .31732 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .30191 | 1.2297 | .01648 | .07932 | .06128 | 2.2823 | 31.766 |  |
| #2 | .30145 | 1.2288 | .01637 | .07912 | .06123 | 2.2805 | 31.844 |  |
| #3 | .30334 | 1.2254 | .01612 | .08003 | .06163 | 2.2663 | 31.966 |  |

Sample Name: S3      Acquired: 2/4/2025 12:01:38      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2740.6 | 57784. | 11107. | 1832.1 | 4140.6 |
| Stddev    | 1.7    | 102.   | 80.    | 4.2    | 5.3    |
| %RSD      | .06384 | .17666 | .72193 | .22895 | .12813 |
| #1        | 2740.7 | 57687. | 11143. | 1827.4 | 4142.0 |
| #2        | 2742.2 | 57772. | 11163. | 1835.5 | 4145.1 |
| #3        | 2738.8 | 57891. | 11015. | 1833.3 | 4134.8 |

Sample Name: S4      Acquired: 2/4/2025 12:05:51      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | .35403 | .32784 | 1.1868 | .40258 | .91230 | .78464 | 29.364 | 1.1730 |
| Stddev | .00123 | .00205 | .0062  | .00155 | .00477 | .00312 | .356   | .0106  |
| %RSD   | .34836 | .62448 | .51969 | .38494 | .52248 | .39748 | 1.2125 | .90720 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35332 | .32898 | 1.1816 | .40142 | .91080 | .78271 | 29.462 | 1.1641 |
| #2 | .35331 | .32548 | 1.1851 | .40198 | .90846 | .78297 | 28.970 | 1.1700 |
| #3 | .35545 | .32907 | 1.1936 | .40434 | .91763 | .78824 | 29.662 | 1.1848 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.6699 | 1.4328 | .22489 | 2.1880 | .92977 | .02491 | 1.5715 | .32291 |
| Stddev | .0256  | .0113  | .00028 | .0116  | .00424 | .00014 | .0096  | .00071 |
| %RSD   | .45084 | .78724 | .12641 | .53183 | .45582 | .57000 | .60936 | .22112 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6527 | 1.4238 | .22513 | 2.1782 | .92670 | .02507 | 1.5639 | .32353 |
| #2 | 5.6578 | 1.4290 | .22495 | 2.1850 | .92800 | .02485 | 1.5684 | .32213 |
| #3 | 5.6993 | 1.4454 | .22457 | 2.2009 | .93460 | .02480 | 1.5823 | .32308 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.5670 | .32729 | 1.1360 | .33152 | 8.5217 | .17070 | 2.4534 | 3.6133 |
| Stddev | .0084  | .00057 | .0098  | .00141 | .0047  | .00082 | .0239  | .0135  |
| %RSD   | .53373 | .17549 | .86595 | .42540 | .05552 | .47805 | .97331 | .37258 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5596 | .32790 | 1.1470 | .33044 | 8.5217 | .17164 | 2.4312 | 3.6095 |
| #2 | 1.5652 | .32677 | 1.1331 | .33101 | 8.5171 | .17030 | 2.4504 | 3.6021 |
| #3 | 1.5761 | .32718 | 1.1280 | .33311 | 8.5265 | .17016 | 2.4787 | 3.6282 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .59329 | 2.4965 | .03261 | .16214 | .12249 | 4.7104 | 64.302 |  |
| Stddev | .00263 | .0135  | .00013 | .00088 | .00064 | .0154  | .435   |  |
| %RSD   | .44319 | .54041 | .39258 | .54197 | .52342 | .32720 | .67647 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .59129 | 2.4878 | .03273 | .16142 | .12186 | 4.7089 | 64.159 |  |
| #2 | .59232 | 2.4897 | .03264 | .16189 | .12248 | 4.6959 | 63.957 |  |
| #3 | .59627 | 2.5120 | .03247 | .16312 | .12314 | 4.7266 | 64.791 |  |

Sample Name: S4      Acquired: 2/4/2025 12:05:51      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2730.2 | 57243. | 10765. | 1821.7 | 4051.9 |
| Stddev    | 8.7    | 258.   | 66.    | 7.5    | 14.2   |
| %RSD      | .31854 | .45095 | .61146 | .40946 | .35035 |
| #1        | 2730.7 | 56993. | 10823. | 1819.2 | 4060.9 |
| #2        | 2738.7 | 57228. | 10778. | 1815.8 | 4059.2 |
| #3        | 2721.3 | 57509. | 10694. | 1830.1 | 4035.5 |

Sample Name: S5      Acquired: 2/4/2025 12:10:02      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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    | .72269 | .65953 | 2.3883 | .81726 | 1.8636 | 1.6528 | 59.726 | 2.3798 |
| Stddev | .00524 | .00384 | .0041  | .00554 | .0188  | .0097  | 1.097  | .0306  |
| %RSD   | .72500 | .58236 | .17228 | .67842 | 1.0110 | .58919 | 1.8360 | 1.2858 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .71714 | .66345 | 2.3843 | .81114 | 1.8439 | 1.6638 | 60.827 | 2.4151 |
| #2 | .72339 | .65577 | 2.3880 | .81869 | 1.8656 | 1.6454 | 59.719 | 2.3631 |
| #3 | .72755 | .65938 | 2.3925 | .82195 | 1.8814 | 1.6490 | 58.634 | 2.3611 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.448 | 2.9215 | .44042 | 4.4533 | 1.8527 | .04997 | 3.2593 | .67467 |
| Stddev | .020   | .0207  | .00041 | .0129  | .0129  | .00029 | .0259  | .00588 |
| %RSD   | .17360 | .70980 | .09264 | .28931 | .69830 | .58190 | .79310 | .87114 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.427 | 2.9452 | .44004 | 4.4397 | 1.8390 | .04964 | 3.2877 | .68138 |
| #2 | 11.449 | 2.9122 | .44085 | 4.4549 | 1.8544 | .05005 | 3.2372 | .67042 |
| #3 | 11.467 | 2.9070 | .44036 | 4.4653 | 1.8647 | .05021 | 3.2530 | .67221 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.1647 | .65408 | 2.3415 | .69135 | 16.704 | .35002 | 4.9961 | 7.2784 |
| Stddev | .0097  | .00049 | .0242  | .00438 | .020   | .00313 | .0655  | .0418  |
| %RSD   | .30587 | .07498 | 1.0321 | .63296 | .12047 | .89439 | 1.3113 | .57459 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.1545 | .65353 | 2.3158 | .69635 | 16.695 | .34689 | 5.0716 | 7.2361 |
| #2 | 3.1658 | .65448 | 2.3447 | .68824 | 16.689 | .35001 | 4.9624 | 7.2794 |
| #3 | 3.1738 | .65422 | 2.3638 | .68946 | 16.727 | .35315 | 4.9542 | 7.3198 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.1966 | 5.2270 | .06640 | .33221 | .25463 | 10.033 | 132.59 |  |
| Stddev | .0017  | .0330  | .00068 | .00059 | .00076 | .056   | 2.88   |  |
| %RSD   | .13819 | .63096 | 1.0194 | .17638 | .30023 | .56010 | 2.1733 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.1952 | 5.2629 | .06563 | .33160 | .25375 | 10.082 | 135.83 |  |
| #2 | 1.1961 | 5.1980 | .06665 | .33228 | .25508 | 9.9718 | 130.31 |  |
| #3 | 1.1984 | 5.2202 | .06691 | .33276 | .25506 | 10.046 | 131.64 |  |

Sample Name: S5      Acquired: 2/4/2025 12:10:02      Type: Cal  
Method: NON EPA-6010-200.7(v2655)      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       | 2609.6 | 56068. | 10224. | 1720.9 | 3808.1 |
| Stddev    | 20.7   | 136.   | 122.   | 6.8    | 19.2   |
| %RSD      | .79272 | .24174 | 1.1967 | .39684 | .50361 |
| #1        | 2629.6 | 56168. | 10087. | 1728.7 | 3825.5 |
| #2        | 2611.1 | 55914. | 10261. | 1716.4 | 3811.3 |
| #3        | 2588.3 | 56123. | 10323. | 1717.5 | 3787.6 |

Sample Name: ICV01      Acquired: 2/4/2025 12:14:14      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.038192 | 1.021645 | 1.009168 | 1.049699 | 1.035178 | 2.423888 |
| Stddev | .002904  | .008642  | .003946  | .004586  | .005938  | .009858  |
| %RSD   | .2796964 | .8458728 | .3909819 | .4369232 | .5736116 | .4067150 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.039930 | 1.031022 | 1.012352 | 1.054639 | 1.040161 | 2.412510 |
| #2 | 1.034840 | 1.019911 | 1.004754 | 1.045577 | 1.028608 | 2.429900 |
| #3 | 1.039806 | 1.014002 | 1.010397 | 1.048880 | 1.036766 | 2.429253 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4747257 | .4810897 | .5003745 | 9.382908 | .5309882 | .5036723 |
| Stddev | .0009183 | .0012877 | .0021309 | .041138  | .0020937 | .0018260 |
| %RSD   | .1934353 | .2676625 | .4258610 | .4384396 | .3943079 | .3625445 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4736754 | .4815893 | .5013790 | 9.409058 | .5300398 | .5046394 |
| #2 | .4751251 | .4820527 | .4979270 | 9.404178 | .5295366 | .5015661 |
| #3 | .4753767 | .4796270 | .5018175 | 9.335490 | .5333883 | .5048113 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5245863 | 10.07278 | .4835048 | 5.634167 | .5076500 | .2570722 |
| Stddev | .0010894 | .01761   | .0003564 | .050687  | .0020462 | .0005949 |
| %RSD   | .2076709 | .1748730 | .0737172 | .8996420 | .4030768 | .2314271 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5250407 | 10.05250 | .4835330 | 5.678760 | .5087806 | .2564931 |
| #2 | .5233432 | 10.08158 | .4838463 | 5.644701 | .5052879 | .2576818 |
| #3 | .5253749 | 10.08425 | .4831351 | 5.579041 | .5088814 | .2570417 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.06794 | .4798774 | 1.017683 | 9.938578 | F -.003192 | F -.000468 |
| Stddev | .07991   | .0027996 | .006170  | .070869  | .000767    | .000200    |
| %RSD   | .7936819 | .5834073 | .6062357 | .7130658 | 24.03139   | 42.77788   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.02539 | .4824794 | 1.010619 | 9.888897 | -.002685 | -.000301 |
| #2 | 10.01832 | .4802378 | 1.022016 | 9.907105 | -.002816 | -.000690 |
| #3 | 10.16012 | .4769150 | 1.020413 | 10.01973 | -.004074 | -.000413 |

Sample Name: ICV01      Acquired: 2/4/2025 12:14:14      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0035903 | F -.000724 | F -.021055 | F .0056645 | F .0019810 | F -.002343 |
| Stddev | .0009149   | .000577    | .002811    | .0006245   | .0016106   | .000716    |
| %RSD   | 25.48183   | 79.62054   | 13.34974   | 11.02433   | 81.30636   | 30.54682   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0027711 | -.000065 | -.019551 | .0050078 | .0003920 | -.001928 |
| #2 | .0034221 | -.000976 | -.019316 | .0057350 | .0019385 | -.003169 |
| #3 | .0045775 | -.001132 | -.024298 | .0062507 | .0036124 | -.001932 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.009054 |
| Stddev | .000106    |
| %RSD   | 1.170159   |

|    |          |
|----|----------|
| #1 | -.009091 |
| #2 | -.008935 |
| #3 | -.009137 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2727.629 | 57238.52 | 11479.16 | 1792.385 | 4263.868 |
| Stddev    | 5.595    | 211.42   | 19.44    | 13.558   | 11.171   |
| %RSD      | .2051176 | .3693580 | .1693466 | .7564057 | .2619846 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2722.493 | 57377.70 | 11459.77 | 1806.938 | 4255.673 |
| #2 | 2733.591 | 57342.63 | 11479.05 | 1790.106 | 4276.592 |
| #3 | 2726.802 | 56995.24 | 11498.65 | 1780.112 | 4259.339 |

Sample Name: LLICV01      Acquired: 2/4/2025 12:18:20      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0195412 | .0390901 | .0104253 | .0211156 | .0520092 | .0993402 |
| Stddev | .0022536 | .0014377 | .0003070 | .0016655 | .0009321 | .0020502 |
| %RSD   | 11.53267 | 3.677830 | 2.945183 | 7.887342 | 1.792286 | 2.063796 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0206508 | .0374531 | .0106056 | .0213125 | .0509971 | .0981944 |
| #2 | .0210248 | .0396699 | .0105995 | .0226738 | .0521978 | .0981190 |
| #3 | .0169479 | .0401473 | .0100707 | .0193604 | .0528326 | .1017071 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0892662 | .0055765 | .0057301 | 1.884262 | .0096364 | .0290948 |
| Stddev | .0000862 | .0000573 | .0000708 | .013442  | .0002220 | .0001000 |
| %RSD   | .0965222 | 1.027439 | 1.235765 | .7133573 | 2.303665 | .3436592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0893002 | .0055172 | .0056647 | 1.875556 | .0094483 | .0290467 |
| #2 | .0891682 | .0056316 | .0058053 | 1.877486 | .0095798 | .0292098 |
| #3 | .0893301 | .0055809 | .0057202 | 1.899743 | .0098813 | .0290281 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0218701 | .0978170 | .0187150 | 2.013206 | .0390015 | .0105637 |
| Stddev | .0002405 | .0049953 | .0003706 | .038773  | .0003403 | .0004935 |
| %RSD   | 1.099730 | 5.106770 | 1.980419 | 1.925926 | .8724097 | 4.671364 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0216172 | .0937525 | .0188782 | 1.979531 | .0391254 | .0102633 |
| #2 | .0218971 | .1033936 | .0182907 | 2.055594 | .0392624 | .0102947 |
| #3 | .0220960 | .0963048 | .0189760 | 2.004493 | .0386167 | .0111333 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.035497 | .0382961 | .0424323 | 1.939479 | F .0749811 | .2062630 |
| Stddev | .017333  | .0003114 | .0001458 | .014059  | .0011538   | .0013371 |
| %RSD   | .8515292 | .8131393 | .3435338 | .7248847 | 1.538811   | .6482478 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.045898 | .0384878 | .0422648 | 1.954267 | .0745193 | .2059580 |
| #2 | 2.015488 | .0379368 | .0425017 | 1.937883 | .0762942 | .2051048 |
| #3 | 2.045105 | .0384638 | .0425305 | 1.926285 | .0741296 | .2077263 |

Sample Name: LLICV01      Acquired: 2/4/2025 12:18:20      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0432171 | .0371300 | .3213918 | .0169237 | .0169839 | .0171143 |
| Stddev | .0003955 | .0004678 | .0021138 | .0037497 | .0056902 | .0005603 |
| %RSD   | .9150819 | 1.259844 | .6577147 | 22.15652 | 33.50378 | 3.273838 |
| #1     | .0427802 | .0375901 | .3226297 | .0144560 | .0139740 | .0176723 |
| #2     | .0433207 | .0366549 | .3189510 | .0212387 | .0235469 | .0171187 |
| #3     | .0435505 | .0371450 | .3225947 | .0150765 | .0134306 | .0165518 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0185399 |
| Stddev | .0000300 |
| %RSD   | .1615225 |
| #1     | .0185671 |
| #2     | .0185078 |
| #3     | .0185449 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2707.311 | 57898.66 | 11509.71 | 1796.152 | 4314.124 |
| Stddev    | 11.854   | 137.56   | 27.97    | 3.216    | 14.109   |
| %RSD      | .4378432 | .2375856 | .2429868 | .1790494 | .3270485 |
| #1        | 2720.538 | 57827.10 | 11512.38 | 1794.305 | 4330.415 |
| #2        | 2703.744 | 58057.25 | 11480.50 | 1794.285 | 4305.873 |
| #3        | 2697.650 | 57811.64 | 11536.25 | 1799.865 | 4306.082 |

Sample Name: ICB01      Acquired: 2/4/2025 12:22:38      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.000259 | -.001667 | -.000229 | .0022596 | -.001090 | .0042385 | -.002194 |
| Stddev | .000375  | .000601  | .000586  | .0010715 | .000099  | .0035236 | .000399  |
| %RSD   | 144.5367 | 36.03166 | 255.8425 | 47.42150 | 9.045980 | 83.13469 | 18.20042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000643 | -.002138 | -.000547 | .0011815 | -.001063 | .0020697 | -.002190 |
| #2 | -.000242 | -.000990 | .000447  | .0022729 | -.001199 | .0083042 | -.002596 |
| #3 | .000106  | -.001873 | -.000587 | .0033244 | -.001008 | .0023416 | -.001797 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000043 | -.000141 | -.006788 | -.000275 | -.000119 | -.000270 | .0010263 |
| Stddev | .000056  | .000037  | .002860  | .000058  | .000198  | .000323  | .0012930 |
| %RSD   | 130.9394 | 26.46409 | 42.12781 | 21.18669 | 166.4670 | 119.4466 | 125.9859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | -.000158 | -.006944 | -.000282 | -.000234 | -.000531 | .0023546 |
| #2 | -.000096 | -.000098 | -.009567 | -.000214 | .000110  | .000091  | .0009528 |
| #3 | .000015  | -.000167 | -.003854 | -.000330 | -.000233 | -.000370 | -.000228 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000260 | -.001800 | -.000269 | .0001290 | -.001787 | -.001216 | -.000761 |
| Stddev | .000302  | .009620  | .000185  | .0002314 | .006262  | .000605  | .000202  |
| %RSD   | 116.4010 | 534.3318 | 68.72952 | 179.3863 | 350.3733 | 49.71645 | 26.53696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000287 | .003729  | -.000400 | -.000102 | -.008432 | -.000590 | -.000633 |
| #2 | -.000547 | .003778  | -.000058 | .000128  | -.000936 | -.001262 | -.000656 |
| #3 | .000055  | -.012908 | -.000348 | .000361  | .004006  | -.001797 | -.000994 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009522 | -.024824 | -.000578 | .0038494 | -.000491 | -.014834 | -.001132 |
| Stddev | .036744  | .000532  | .000072  | .0004687 | .000296  | .002134  | .000224  |
| %RSD   | 385.8933 | 2.142142 | 12.45039 | 12.17746 | 60.19206 | 14.38777 | 19.81172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.018471 | -.024891 | -.000513 | .0043445 | -.000251 | -.012993 | -.001066 |
| #2 | .030870  | -.024262 | -.000655 | .0037911 | -.000401 | -.017173 | -.001382 |
| #3 | -.040965 | -.025319 | -.000566 | .0034124 | -.000822 | -.014337 | -.000949 |

Sample Name: ICB01      Acquired: 2/4/2025 12:22:38      Type: Unk  
 Method: NON EPA-6010-200.7(v2655)      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    | -.000679 | -.002995 | -.000384 |
| Stddev | .001545  | .000037  | .000020  |
| %RSD   | 227.6890 | 1.250061 | 5.142942 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000956 | -.002977 | -.000368 |
| #2 | .000986  | -.003038 | -.000377 |
| #3 | -.002066 | -.002970 | -.000406 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2825.067 | 58816.94 | 11279.59 | 1843.283 | 4560.419 |
| Stddev    | 3.788    | 60.77    | 57.65    | 6.642    | 8.316    |
| %RSD      | .1340794 | .1033170 | .5111400 | .3603147 | .1823482 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2822.394 | 58767.27 | 11235.03 | 1849.245 | 4553.847 |
| #2 | 2829.402 | 58798.84 | 11344.70 | 1836.124 | 4569.768 |
| #3 | 2823.406 | 58884.70 | 11259.04 | 1844.479 | 4557.642 |

Sample Name: CRI01      Acquired: 2/4/2025 12:26:59      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193264 | .0394086 | .0106732 | .0197424 | .0487734 | .0989126 |
| Stddev | .0013992 | .0017277 | .0005889 | .0005073 | .0010801 | .0028151 |
| %RSD   | 7.239751 | 4.384023 | 5.517951 | 2.569555 | 2.214457 | 2.846037 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0177127 | .0377837 | .0113527 | .0191736 | .0499974 | .0979606 |
| #2 | .0200641 | .0392188 | .0103087 | .0201481 | .0479540 | .0966969 |
| #3 | .0202024 | .0412234 | .0103584 | .0199056 | .0483689 | .1020802 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0884110 | .0056517 | .0056730 | 1.872261 | .0095560 | .0282638 |
| Stddev | .0009474 | .0001141 | .0000431 | .014840  | .0001035 | .0003067 |
| %RSD   | 1.071617 | 2.019587 | .7595815 | .7926478 | 1.082717 | 1.085232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0875855 | .0055263 | .0056349 | 1.857771 | .0095607 | .0280279 |
| #2 | .0882020 | .0056793 | .0057198 | 1.871583 | .0094503 | .0281531 |
| #3 | .0894454 | .0057495 | .0056645 | 1.887429 | .0096571 | .0286105 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212514 | .0913830 | .0190609 | 2.000860 | .0380812 | .0101728 |
| Stddev | .0004491 | .0040528 | .0007039 | .037581  | .0002906 | .0001248 |
| %RSD   | 2.113118 | 4.434915 | 3.692738 | 1.878217 | .7630901 | 1.226581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0217661 | .0890819 | .0183665 | 1.957484 | .0383312 | .0100649 |
| #2 | .0210484 | .0890046 | .0190422 | 2.021451 | .0377624 | .0101439 |
| #3 | .0209397 | .0960625 | .0197739 | 2.023645 | .0381498 | .0103094 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.930730 | .0372450 | .0413458 | 1.900730 | F .0691591 | .2008806 |
| Stddev | .013001  | .0007767 | .0003129 | .022959  | .0012827   | .0005193 |
| %RSD   | .6733688 | 2.085264 | .7566971 | 1.207927 | 1.854638   | .2585319 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.945369 | .0370819 | .0416961 | 1.917653 | .0679436 | .2004936 |
| #2 | 1.920528 | .0380902 | .0410942 | 1.874596 | .0690340 | .2014708 |
| #3 | 1.926293 | .0365628 | .0412470 | 1.909943 | .0704998 | .2006774 |

Sample Name: CRI01      Acquired: 2/4/2025 12:26:59      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0420991 | .0364807 | .3048665 | .0148635 | .0196880 | .0144777 |
| Stddev | .0009700 | .0004412 | .0029753 | .0021659 | .0026283 | .0001842 |
| %RSD   | 2.303982 | 1.209488 | .9759388 | 14.57170 | 13.35000 | 1.272072 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0414663 | .0361427 | .3067021 | .0173046 | .0225301 | .0142781 |
| #2 | .0432158 | .0369798 | .3014337 | .0131721 | .0173450 | .0145141 |
| #3 | .0416152 | .0363195 | .3064638 | .0141138 | .0191888 | .0146410 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0181169 |
| Stddev | .0000593 |
| %RSD   | .3272584 |

|    |          |
|----|----------|
| #1 | .0181165 |
| #2 | .0180579 |
| #3 | .0181764 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2802.692 | 58945.61 | 11409.14 | 1859.553 | 4435.887 |
| Stddev    | 3.227    | 59.34    | 143.03   | 9.677    | 7.407    |
| %RSD      | .1151398 | .1006729 | 1.253650 | .5203691 | .1669882 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2799.214 | 58941.83 | 11559.64 | 1862.497 | 4427.538 |
| #2 | 2805.589 | 58888.24 | 11392.81 | 1848.746 | 4441.672 |
| #3 | 2803.274 | 59006.75 | 11274.98 | 1867.415 | 4438.450 |

Sample Name: ICSA01      Acquired: 2/4/2025 12:31:16      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | .0034248 | .0091239 | .0043554 | -.013461 | -.003000 | 234.0606 |
| Stddev | .0011149 | .0017433 | .0012399 | .002761  | .001901  | 3.1667   |
| %RSD   | 32.55448 | 19.10708 | 28.46707 | 20.51129 | 63.36492 | 1.352948 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0045552 | .0071408 | .0051670 | -.014824 | -.001986 | 230.4746 |
| #2 | .0033933 | .0098161 | .0029282 | -.010284 | -.001821 | 236.4731 |
| #3 | .0023260 | .0104147 | .0049709 | -.015276 | -.005194 | 235.2340 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000113 | .0013758 | .0014816 | 217.8368 | .0565203 | .0017395 |
| Stddev | .000598  | .0000354 | .0000851 | .5617    | .0003982 | .0001720 |
| %RSD   | 528.1080 | 2.573627 | 5.744038 | .2578530 | .7044664 | 9.889627 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000566 | .0013732 | .0014174 | 217.9472 | .0561244 | .0018495 |
| #2 | .000565  | .0014124 | .0014492 | 218.3352 | .0565160 | .0018278 |
| #3 | -.000339 | .0013417 | .0015781 | 217.2281 | .0569207 | .0015413 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172193 | 92.55901 | .0028500 | 246.5418 | .0019531 | -.004130 |
| Stddev | .0003612 | .19324   | .0007500 | .3222    | .0002934 | .000260  |
| %RSD   | 2.097442 | .2087713 | 26.31744 | .1306735 | 15.01986 | 6.284486 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0173317 | 92.77009 | .0022489 | 246.5424 | .0016571 | -.003945 |
| #2 | .0168153 | 92.51609 | .0026105 | 246.8636 | .0019586 | -.004019 |
| #3 | .0175108 | 92.39084 | .0036905 | 246.2193 | .0022437 | -.004426 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0362739 | .0075304 | .0044439 | .0445843 | .0146401 | -.000745 |
| Stddev | .0011344 | .0016994 | .0002694 | .0093721 | .0010041 | .000398  |
| %RSD   | 3.127212 | 22.56708 | 6.060982 | 21.02102 | 6.858536 | 53.42386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0349689 | .0077811 | .0041339 | .0549424 | .0153260 | -.001134 |
| #2 | .0368278 | .0090906 | .0045775 | .0421196 | .0134876 | -.000763 |
| #3 | .0370248 | .0057196 | .0046204 | .0366909 | .0151067 | -.000338 |

Sample Name: ICSA01      Acquired: 2/4/2025 12:31:16      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | .0007544 | -.002017 | -.004061 | -.002729 | -.012977 | F -.037173 |
| Stddev | .0010581 | .000972  | .007433  | .000359  | .002646  | .000985    |
| %RSD   | 140.2597 | 48.16797 | 183.0418 | 13.13786 | 20.38658 | 2.648732   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0004854 | -.001731 | -.001181 | -.002717 | -.012579 | -.037950 |
| #2 | -.000143 | -.001221 | .001502  | -.002377 | -.015799 | -.037504 |
| #3 | .001921  | -.003100 | -.012503 | -.003093 | -.010553 | -.036066 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.003550 |
| Stddev | .000205  |
| %RSD   | 5.774689 |

|    |          |
|----|----------|
| #1 | -.003549 |
| #2 | -.003345 |
| #3 | -.003755 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2456.825 | 52130.84 | 10496.94 | 1630.976 | 3526.233 |
| Stddev    | 7.038    | 99.67    | 16.69    | 8.386    | 9.438    |
| %RSD      | .2864826 | .1911865 | .1589822 | .5141867 | .2676525 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2461.302 | 52144.35 | 10513.76 | 1631.269 | 3535.374 |
| #2 | 2460.460 | 52223.07 | 10480.39 | 1639.211 | 3526.801 |
| #3 | 2448.712 | 52025.11 | 10496.67 | 1622.447 | 3516.523 |

Sample Name: ICSAB01      Acquired: 2/4/2025 12:35:37      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1100666 | .0873573 | .0558807 | .0396363 | .6322550 | 237.7830 |
| Stddev | .0018373 | .0013197 | .0007939 | .0044996 | .0043215 | 2.6455   |
| %RSD   | 1.669279 | 1.510700 | 1.420756 | 11.35217 | .6835003 | 1.112556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1101314 | .0861488 | .0552253 | .0390988 | .6315421 | 239.5597 |
| #2 | .1081978 | .0871575 | .0567636 | .0354296 | .6283344 | 239.0467 |
| #3 | .1118707 | .0887655 | .0556534 | .0443805 | .6368886 | 234.7427 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4475748 | .4708739 | .9969484 | 219.0689 | .5626576 | .5006870 |
| Stddev | .0013375 | .0023614 | .0020285 | .4931    | .0024151 | .0007760 |
| %RSD   | .2988245 | .5014947 | .2034686 | .2250745 | .4292309 | .1549856 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4486234 | .4729538 | .9952285 | 219.5882 | .5654298 | .5005139 |
| #2 | .4460686 | .4713609 | .9964313 | 219.0114 | .5615338 | .5000121 |
| #3 | .4480324 | .4683069 | .9991854 | 218.6070 | .5610092 | .5015349 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4947530 | 97.45614 | .4429389 | 247.1493 | .9883034 | .2149009 |
| Stddev | .0011586 | .40279   | .0013736 | .5097    | .0037647 | .0006701 |
| %RSD   | .2341702 | .4133004 | .3101080 | .2062358 | .3809232 | .3118121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4948009 | 97.39373 | .4441754 | 247.7097 | .9839819 | .2156276 |
| #2 | .4935712 | 97.08820 | .4414604 | 247.0249 | .9900564 | .2143075 |
| #3 | .4958869 | 97.88649 | .4431809 | 246.7133 | .9908720 | .2147677 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0516770 | .4542916 | 1.044220 | .0600796 | F .0229246 | F -.001408 |
| Stddev | .0063739 | .0012737 | .002126  | .0097224 | .0007667   | .000519    |
| %RSD   | 12.33416 | .2803772 | .2036442 | 16.18255 | 3.344598   | 36.88590   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0487277 | .4550422 | 1.046612 | .0617394 | .0232747 | -.000887 |
| #2 | .0473119 | .4528209 | 1.043505 | .0688654 | .0220453 | -.001926 |
| #3 | .0589915 | .4550116 | 1.042544 | .0496342 | .0234538 | -.001411 |

Sample Name: ICSAB01      Acquired: 2/4/2025 12:35:37      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0014777 | F -.002268 | F -.011278 | F .0105840 | F -.011659 | F -.037775 |
| Stddev | .0006304   | .000232    | .005523    | .0036577   | .007677    | .001324    |
| %RSD   | 42.66327   | 10.22310   | 48.96856   | 34.55859   | 65.84304   | 3.503894   |
| #1     | .0007959   | -.002347   | -.005047   | .0102998   | -.016521   | -.037641   |
| #2     | .0020395   | -.002007   | -.013218   | .0070767   | -.002809   | -.039160   |
| #3     | .0015976   | -.002450   | -.015570   | .0143756   | -.015647   | -.036523   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.006712 |
| Stddev | .000273    |
| %RSD   | 4.062808   |
| #1     | -.006502   |
| #2     | -.006614   |
| #3     | -.007020   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2422.714 | 51060.63 | 10899.63 | 1574.052 | 3505.597 |
| Stddev    | 4.478    | 111.73   | 45.39    | 1.633    | 3.433    |
| %RSD      | .1848427 | .2188233 | .4163966 | .1037426 | .0979331 |
| #1        | 2420.854 | 50972.85 | 10856.55 | 1573.606 | 3506.399 |
| #2        | 2427.822 | 51186.40 | 10895.34 | 1575.862 | 3508.558 |
| #3        | 2419.465 | 51022.64 | 10947.01 | 1572.689 | 3501.834 |

Sample Name: CCV01      Acquired: 2/4/2025 12:39:52      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.148803 | 5.021158 | 4.975918 | 5.040335 | 5.032102 | 9.540469 |
| Stddev | .016759  | .018441  | .008405  | .007339  | .009886  | .038197  |
| %RSD   | .3254952 | .3672746 | .1689090 | .1456015 | .1964602 | .4003699 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.148545 | 5.027934 | 4.966619 | 5.033381 | 5.032843 | 9.526405 |
| #2 | 5.132174 | 5.000287 | 4.978164 | 5.039618 | 5.021866 | 9.583704 |
| #3 | 5.165689 | 5.035253 | 4.982973 | 5.048006 | 5.041597 | 9.511298 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.230619 | .2362352 | 2.439765 | 23.18122 | .9876795 | 2.406321 |
| Stddev | .078881  | .0006230 | .004349  | .02204   | .0018063 | .004453  |
| %RSD   | .8545617 | .2637384 | .1782739 | .0950873 | .1828859 | .1850493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.147849 | .2366182 | 2.436498 | 23.20531 | .9894535 | 2.403768 |
| #2 | 9.304930 | .2355163 | 2.438096 | 23.17630 | .9858425 | 2.403732 |
| #3 | 9.239078 | .2365712 | 2.444702 | 23.16206 | .9877426 | 2.411463 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.232037 | 4.769397 | 2.284624 | 24.06045 | 2.414031 | 1.218856 |
| Stddev | .002672  | .025648  | .004652  | .01300   | .005865  | .002572  |
| %RSD   | .2168727 | .5377668 | .2036204 | .0540505 | .2429369 | .2110269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.231579 | 4.792914 | 2.288985 | 24.07408 | 2.409213 | 1.220332 |
| #2 | 1.229625 | 4.773229 | 2.285160 | 24.04817 | 2.412319 | 1.220350 |
| #3 | 1.234909 | 4.742049 | 2.279727 | 24.05909 | 2.420561 | 1.215886 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.90511 | 2.348816 | 2.439575 | 24.14124 | 4.633714 | 4.923000 |
| Stddev | .12725   | .007827  | .003604  | .05589   | .010744  | .015268  |
| %RSD   | .5109196 | .3332234 | .1477120 | .2315076 | .2318578 | .3101388 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.86563 | 2.346874 | 2.442730 | 24.12110 | 4.646011 | 4.919730 |
| #2 | 25.04742 | 2.357431 | 2.440346 | 24.20441 | 4.626145 | 4.909631 |
| #3 | 24.80229 | 2.342143 | 2.435648 | 24.09822 | 4.628987 | 4.939638 |

Sample Name: CCV01      Acquired: 2/4/2025 12:39:52      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.875761 | 4.659214 | F 4.444376 | 4.801420 | 4.875741 | 4.561650 |
| Stddev | .009732  | .008884  | .017188    | .013493  | .010925  | .006720  |
| %RSD   | .1996071 | .1906755 | .3867431   | .2810146 | .2240745 | .1473104 |
| #1     | 4.879760 | 4.663736 | 4.449372   | 4.802927 | 4.866884 | 4.557563 |
| #2     | 4.864666 | 4.664928 | 4.458512   | 4.787236 | 4.872389 | 4.569406 |
| #3     | 4.882857 | 4.648979 | 4.425243   | 4.814095 | 4.887949 | 4.557983 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.735537 |
| Stddev | .010819  |
| %RSD   | .2284561 |
| #1     | 4.731688 |
| #2     | 4.747754 |
| #3     | 4.727169 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2651.188 | 56174.67 | 10885.11 | 1719.572 | 3986.536 |
| Stddev    | 3.822    | 126.39   | 6.09     | 6.932    | 2.836    |
| %RSD      | .1441542 | .2250034 | .0559716 | .4031425 | .0711487 |
| #1        | 2648.104 | 56125.08 | 10878.36 | 1721.553 | 3985.267 |
| #2        | 2655.464 | 56080.59 | 10886.77 | 1711.865 | 3989.786 |
| #3        | 2649.997 | 56318.34 | 10890.21 | 1725.299 | 3984.556 |

Sample Name: CCB01      Acquired: 2/4/2025 12:44:02      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.001621 | -.001146 | -.000724 | .0004713 | -.000655 | .0034360 | -.001507 |
| Stddev | .001638  | .000835  | .000317  | .0031899 | .000796  | .0017756 | .000645  |
| %RSD   | 101.0508 | 72.92622 | 43.80751 | 676.8153 | 121.3676 | 51.67708 | 42.78401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000007  | -.002076 | -.000735 | .0022568 | -.000121 | .0014321 | -.000818 |
| #2 | -.001602 | -.000458 | -.001035 | .0023686 | -.001570 | .0040620 | -.002096 |
| #3 | -.003269 | -.000903 | -.000401 | -.003212 | -.000275 | .0048138 | -.001606 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000023 | -.000104 | -.001387 | -.000289 | .0000787 | -.000397 | -.004486 |
| Stddev | .000044  | .000033  | .003519  | .000232  | .0002469 | .000461  | .001374  |
| %RSD   | 188.9404 | 31.50277 | 253.7243 | 80.41230 | 313.7903 | 116.1617 | 30.62997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000073 | -.000141 | .002485  | -.000557 | -.000198 | -.000076 | -.004680 |
| #2 | -.000007 | -.000086 | -.002257 | -.000155 | .000275  | -.000925 | -.005752 |
| #3 | .000010  | -.000084 | -.004389 | -.000154 | .000159  | -.000189 | -.003025 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000354 | .0009822 | -.000126 | .0005279 | .0182467 | .0004105 | -.000649 |
| Stddev | .000251  | .0021613 | .000188  | .0001792 | .0024524 | .0015153 | .000203  |
| %RSD   | 70.89848 | 220.0503 | 149.3868 | 33.93701 | 13.44048 | 369.1347 | 31.24772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000532 | .0019918 | -.000293 | .0003239 | .0159515 | -.001318 | -.000883 |
| #2 | -.000461 | .0024540 | -.000164 | .0006595 | .0179576 | .001037  | -.000544 |
| #3 | -.000067 | -.001499 | .000078  | .0006004 | .0208308 | .001512  | -.000521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0117556 | -.020158 | -.000627 | .0045594 | -.000313 | -.014837 | -.002799 |
| Stddev | .0262755 | .000418  | .000213  | .0004729 | .000327  | .004178  | .001071  |
| %RSD   | 223.5154 | 2.075265 | 33.95590 | 10.37270 | 104.5425 | 28.15927 | 38.27893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0172852 | -.019707 | -.000720 | .0040547 | .000064  | -.017154 | -.001617 |
| #2 | .0348261 | -.020533 | -.000383 | .0046311 | -.000516 | -.010014 | -.003072 |
| #3 | -.016845 | -.020233 | -.000778 | .0049924 | -.000487 | -.017343 | -.003707 |

Sample Name: CCB01      Acquired: 2/4/2025 12:44:02      Type: Unk  
 Method: NON EPA-6010-200.7(v2655)      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    | .0000110 | -.003647 | -.000405 |
| Stddev | .0003666 | .000280  | .000010  |
| %RSD   | 3319.932 | 7.667343 | 2.393857 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000216 | -.003681 | -.000415 |
| #2 | -.000184 | -.003352 | -.000396 |
| #3 | .000434  | -.003909 | -.000403 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2757.843 | 58073.11 | 11331.39 | 1824.946 | 4414.275 |
| Stddev    | 4.664    | 204.79   | 92.40    | 6.176    | 7.396    |
| %RSD      | .1691098 | .3526361 | .8154449 | .3384356 | .1675483 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2756.899 | 57839.29 | 11243.73 | 1817.819 | 4418.622 |
| #2 | 2762.906 | 58220.60 | 11322.54 | 1828.291 | 4418.468 |
| #3 | 2753.723 | 58159.43 | 11427.89 | 1828.728 | 4405.735 |

Sample Name: Q1239-02      Acquired: 2/4/2025 12:48:23      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.005837 | -.009909 | .0107841 | .0039012 | .0022296 | .0487973 | .2150763 |
| Stddev | .001930  | .001383  | .0005957 | .0022637 | .0005586 | .0026096 | .0005938 |
| %RSD   | 33.07408 | 13.95566 | 5.523742 | 58.02467 | 25.05227 | 5.347922 | .2761058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007882 | -.008328 | .0107328 | .0063970 | .0028628 | .0457894 | .2156608 |
| #2 | -.004046 | -.010509 | .0114038 | .0033260 | .0020189 | .0501443 | .2144736 |
| #3 | -.005582 | -.010891 | .0102157 | .0019807 | .0018070 | .0504583 | .2150946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000055 | .0003305 | 13.17565 | .0007384 | .0060235 | .0190684 | 1.133263 |
| Stddev | .000029  | .0001065 | .05354   | .0001094 | .0002170 | .0001211 | .008241  |
| %RSD   | 52.36915 | 32.21051 | .4063745 | 14.82000 | 3.603413 | .6352239 | .7271597 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000077 | .0003782 | 13.16176 | .0008647 | .0060618 | .0189406 | 1.124892 |
| #2 | -.000066 | .0002085 | 13.13042 | .0006771 | .0057899 | .0190832 | 1.133531 |
| #3 | -.000022 | .0004048 | 13.23477 | .0006732 | .0062189 | .0191815 | 1.141367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2788669 | 3.464956 | .0056550 | .0000842 | 313.6769 | -.000220 | .1920769 |
| Stddev | .0017497 | .026541  | .0002282 | .0000992 | 3.1905   | .001194  | .0009605 |
| %RSD   | .6274357 | .7659707 | 4.035562 | 117.8692 | 1.017132 | 541.6921 | .5000534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2782758 | 3.463091 | .0054400 | .0001987 | 317.3241 | .000065  | .1931809 |
| #2 | .2774893 | 3.439396 | .0056306 | .0000281 | 312.3035 | -.001532 | .1914334 |
| #3 | .2808356 | 3.492379 | .0058945 | .0000257 | 311.4031 | .000805  | .1916164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.176310 | -.002885 | .0001637 | -.003474 | .0002355 | .4489875 | .0109079 |
| Stddev | .014412  | .000203  | .0001955 | .000541  | .0001866 | .0052460 | .0020877 |
| %RSD   | 1.225160 | 7.047316 | 119.4290 | 15.56105 | 79.23978 | 1.168404 | 19.13934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.159919 | -.002671 | .0003858 | -.002900 | .0000210 | .4532502 | .0092754 |
| #2 | 1.182014 | -.002909 | .0000872 | -.003973 | .0003247 | .4431289 | .0101881 |
| #3 | 1.186996 | -.003076 | .0000180 | -.003548 | .0003607 | .4505834 | .0132603 |

Sample Name: Q1239-02      Acquired: 2/4/2025 12:48:23      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | .2612026 | -.006948 | .0692334 |
| Stddev | .0024641 | .000918  | .0001394 |
| %RSD   | .9433685 | 13.20912 | .2013389 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2608286 | -.007278 | .0690861 |
| #2 | .2589469 | -.005911 | .0692510 |
| #3 | .2638323 | -.007655 | .0693632 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2555.859 | 53574.47 | 10536.54 | 1656.317 | 3876.828 |
| Stddev    | 5.141    | 159.32   | 47.28    | 12.321   | 5.581    |
| %RSD      | .2011635 | .2973841 | .4487465 | .7438995 | .1439549 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2555.629 | 53757.94 | 10525.75 | 1667.554 | 3875.843 |
| #2 | 2561.112 | 53494.46 | 10588.29 | 1658.255 | 3882.836 |
| #3 | 2550.836 | 53471.01 | 10495.59 | 1643.141 | 3871.806 |

Sample Name: Q1239-05      Acquired: 2/4/2025 12:52:48      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.007213 | -.008914 | .0247865 | .0054745 | .0035965 | .0401625 | .2673560 |
| Stddev | .001042  | .000492  | .0003413 | .0003425 | .0009183 | .0027104 | .0009716 |
| %RSD   | 14.43869 | 5.520895 | 1.376974 | 6.256752 | 25.53230 | 6.748613 | .3634025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008050 | -.008404 | .0243956 | .0057368 | .0031678 | .0385652 | .2683141 |
| #2 | -.007543 | -.009386 | .0250252 | .0050870 | .0046507 | .0386302 | .2663715 |
| #3 | -.006047 | -.008951 | .0249386 | .0055998 | .0029710 | .0432919 | .2673824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000556 | .0005553 | 24.50579 | .0003935 | .0072676 | .0101180 | 6.419861 |
| Stddev | .0000551 | .0000544 | .06013   | .0002290 | .0001036 | .0002726 | .047195  |
| %RSD   | 99.03918 | 9.801717 | .2453542 | 58.18288 | 1.425025 | 2.694221 | .7351378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000219 | .0006142 | 24.57025 | .0004790 | .0072167 | .0100046 | 6.464780 |
| #2 | .0001193 | .0005068 | 24.45122 | .0005674 | .0073868 | .0104290 | 6.370680 |
| #3 | .0000258 | .0005450 | 24.49591 | .0001341 | .0071994 | .0099204 | 6.424123 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5579070 | 1.949141 | .0074650 | -.000086 | 347.8777 | .0001985 | 1.045681 |
| Stddev | .0021228 | .001310  | .0003502 | .000464  | 2.3286   | .0013914 | .004224  |
| %RSD   | .3805005 | .0672077 | 4.691067 | 540.7700 | .6693822 | 700.9697 | .4039037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5602369 | 1.949938 | .0070629 | -.000192 | 346.4303 | -.001398 | 1.044956 |
| #2 | .5560823 | 1.947629 | .0077029 | .000422  | 346.6389 | .000843  | 1.041866 |
| #3 | .5574019 | 1.949855 | .0076291 | -.000488 | 350.5639 | .001151  | 1.050220 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.379685 | .0068363 | -.000182 | -.004052 | -.000465 | 1.133039 | .0068416 |
| Stddev | .008735  | .0007273 | .000236  | .000363  | .000765  | .004181  | .0016315 |
| %RSD   | .6330892 | 10.63899 | 129.7459 | 8.965438 | 164.4353 | .3689779 | 23.84683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.371923 | .0074418 | .000064  | -.004459 | -.001217 | 1.137796 | .0065014 |
| #2 | 1.389144 | .0060296 | -.000406 | -.003760 | .000311  | 1.131372 | .0054069 |
| #3 | 1.377988 | .0070375 | -.000203 | -.003938 | -.000489 | 1.129949 | .0086163 |

Sample Name: Q1239-05      Acquired: 2/4/2025 12:52:48      Type: Unk  
 Method: NON EPA-6010-200.7(v2655)      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    | .7847651 | -.008816 | .1281154 |
| Stddev | .0055196 | .000720  | .0004561 |
| %RSD   | .7033460 | 8.163534 | .3560067 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7806363 | -.008722 | .1285292 |
| #2 | .7910344 | -.009578 | .1276264 |
| #3 | .7826246 | -.008148 | .1281906 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2466.048 | 52420.61 | 10553.69 | 1607.486 | 3701.415 |
| Stddev    | 7.840    | 132.46   | 29.90    | 7.540    | 11.601   |
| %RSD      | .3179327 | .2526827 | .2833225 | .4690375 | .3134081 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2470.097 | 52310.56 | 10520.96 | 1601.014 | 3713.657 |
| #2 | 2471.037 | 52567.63 | 10579.58 | 1615.765 | 3700.004 |
| #3 | 2457.011 | 52383.65 | 10560.52 | 1605.679 | 3690.585 |

Sample Name: Q1239-08      Acquired: 2/4/2025 12:57:13      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.006926 | -.012134 | .0021214 | .0032820 | .0015659 | -.054576 | .1073728 |
| Stddev | .002064  | .000733  | .0006834 | .0025676 | .0002686 | .001125  | .0003072 |
| %RSD   | 29.80673 | 6.038121 | 32.21310 | 78.23441 | 17.14984 | 2.061248 | .2861225 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005345 | -.012141 | .0016646 | .0049557 | .0013871 | -.053769 | .1077024 |
| #2 | -.006172 | -.012863 | .0017926 | .0003257 | .0014359 | -.054098 | .1070944 |
| #3 | -.009261 | -.011398 | .0029070 | .0045644 | .0018747 | -.055861 | .1073216 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000210 | .0001156 | 151.3393 | .0021845 | .0006475 | .0048867 | .0217517 |
| Stddev | .000051  | .0000704 | .2362    | .0001560 | .0001349 | .0001827 | .0031576 |
| %RSD   | 24.38503 | 60.90488 | .1560672 | 7.142057 | 20.83771 | 3.738926 | 14.51680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000151 | .0001188 | 151.1912 | .0023429 | .0007797 | .0049539 | .0206276 |
| #2 | -.000237 | .0001844 | 151.2149 | .0021795 | .0005100 | .0046799 | .0253175 |
| #3 | -.000242 | .0000437 | 151.6116 | .0020310 | .0006528 | .0050263 | .0193099 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2565893 | 4.441705 | .0031556 | .0003212 | 345.6112 | .0002402 | .0331626 |
| Stddev | .0007382 | .004164  | .0001321 | .0002117 | 4.1544   | .0013774 | .0002437 |
| %RSD   | .2877175 | .0937435 | 4.184907 | 65.89477 | 1.202050 | 573.5026 | .7348475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2571988 | 4.440936 | .0033056 | .0005620 | 345.3066 | .0014523 | .0331330 |
| #2 | .2557684 | 4.437980 | .0030570 | .0002372 | 349.9095 | -.001258 | .0334198 |
| #3 | .2568007 | 4.446200 | .0031041 | .0001645 | 341.6175 | .000526  | .0329351 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.077509 | -.006268 | .0015742 | -.006214 | -.003307 | 5.979665 | .0220548 |
| Stddev | .020015  | .000254  | .0003587 | .001009  | .000200  | .039512  | .0017449 |
| %RSD   | .9634211 | 4.058456 | 22.78694 | 16.23917 | 6.051251 | .6607707 | 7.911498 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.100340 | -.006532 | .0015271 | -.005421 | -.003537 | 6.009204 | .0200616 |
| #2 | 2.069201 | -.006025 | .0012414 | -.007350 | -.003216 | 5.934783 | .0227968 |
| #3 | 2.062985 | -.006245 | .0019542 | -.005872 | -.003169 | 5.995008 | .0233060 |

Sample Name: Q1239-08      Acquired: 2/4/2025 12:57:13      Type: Unk  
 Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.563136 | -.025314 | .6903167 |
| Stddev | .002293  | .000884  | .0015673 |
| %RSD   | .0894426 | 3.492434 | .2270428 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.560776 | -.024970 | .6920866 |
| #2 | 2.565355 | -.024654 | .6891046 |
| #3 | 2.563276 | -.026319 | .6897589 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2401.901 | 51686.18 | 11007.72 | 1558.867 | 3586.621 |
| Stddev    | 3.860    | 138.84   | 17.88    | 4.097    | 7.038    |
| %RSD      | .1606948 | .2686260 | .1624717 | .2628466 | .1962213 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2403.809 | 51578.98 | 11028.18 | 1555.912 | 3591.467 |
| #2 | 2404.436 | 51843.02 | 10995.08 | 1557.146 | 3589.846 |
| #3 | 2397.459 | 51636.54 | 10999.90 | 1563.545 | 3578.548 |

Sample Name: Q1239-11      Acquired: 2/4/2025 13:01:39      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.006031 | -.009168 | .0246829 | .0056719 | .0027667 | .0596241 | .1738773 |
| Stddev | .002405  | .000586  | .0006853 | .0006788 | .0002297 | .0048937 | .0005866 |
| %RSD   | 39.87224 | 6.392393 | 2.776430 | 11.96804 | 8.300699 | 8.207506 | .3373474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007239 | -.008496 | .0254740 | .0051283 | .0025028 | .0566297 | .1744234 |
| #2 | -.003262 | -.009575 | .0243044 | .0064327 | .0029207 | .0652714 | .1739512 |
| #3 | -.007592 | -.009432 | .0242703 | .0054546 | .0028767 | .0569713 | .1732573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000084 | .0004693 | 8.461701 | .0001241 | .0028042 | .0109280 | .0337913 |
| Stddev | .000018  | .0001192 | .015428  | .0001211 | .0000848 | .0001705 | .0033562 |
| %RSD   | 21.83390 | 25.39229 | .1823291 | 97.52318 | 3.023334 | 1.559866 | 9.932185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000065 | .0004997 | 8.468971 | .0002555 | .0028531 | .0107369 | .0358542 |
| #2 | -.000102 | .0003379 | 8.472151 | .0000999 | .0028532 | .0109829 | .0299187 |
| #3 | -.000085 | .0005704 | 8.443981 | .0000170 | .0027063 | .0110643 | .0356012 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2656439 | 2.045260 | .0029559 | .0000709 | 326.5325 | -.000705 | .1485581 |
| Stddev | .0007993 | .009199  | .0004282 | .0001228 | 3.5917   | .001166  | .0008132 |
| %RSD   | .3008981 | .4497749 | 14.48675 | 173.2196 | 1.099937 | 165.2648 | .5474071 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2653535 | 2.054546 | .0024780 | -.000065 | 328.3050 | -.000844 | .1491646 |
| #2 | .2665479 | 2.045085 | .0033048 | .000105  | 328.8933 | -.001796 | .1488757 |
| #3 | .2650304 | 2.036151 | .0030847 | .000173  | 322.3991 | .000524  | .1476340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5285568 | -.016379 | .0000270 | -.003309 | .0001716 | .6000768 | .0108844 |
| Stddev | .0502082 | .000637  | .0001527 | .000632  | .0002589 | .0051816 | .0008858 |
| %RSD   | 9.499104 | 3.888707 | 565.3849 | 19.09746 | 150.8589 | .8634808 | 8.138484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5280862 | -.017103 | -.000148 | -.002977 | .0002255 | .5975194 | .0106048 |
| #2 | .4785857 | -.016130 | .000093  | -.002913 | -.000110 | .6060398 | .0118763 |
| #3 | .5789987 | -.015904 | .000135  | -.004038 | .000399  | .5966710 | .0101721 |

Sample Name: Q1239-11      Acquired: 2/4/2025 13:01:39      Type: Unk  
 Method: NON EPA-6010-200.7(v2655)      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    | .2884565 | -.006620 | .0349375 |
| Stddev | .0016911 | .000366  | .0000317 |
| %RSD   | .5862469 | 5.522826 | .0906638 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2867723 | -.006468 | .0349079 |
| #2 | .2884431 | -.006355 | .0349709 |
| #3 | .2901543 | -.007037 | .0349336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2503.769 | 52892.87 | 11230.42 | 1618.924 | 3780.888 |
| Stddev    | 1.769    | 135.76   | 40.65    | 10.552   | 3.063    |
| %RSD      | .0706454 | .2566644 | .3619778 | .6518099 | .0810073 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2504.913 | 52786.23 | 11195.35 | 1613.178 | 3780.709 |
| #2 | 2501.731 | 52846.68 | 11220.94 | 1612.493 | 3784.037 |
| #3 | 2504.661 | 53045.70 | 11274.98 | 1631.103 | 3777.919 |

Sample Name: Q1240-02      Acquired: 2/4/2025 13:06:05      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      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    | -.114658 | .0686312 | -.009374 | .7525029 | -.034549 | .0982290 | -.010905 |
| Stddev | .005776  | .0021598 | .000657  | .0048193 | .000611  | .0045152 | .000129  |
| %RSD   | 5.037824 | 3.146977 | 7.007871 | .6404309 | 1.768666 | 4.596635 | 1.181305 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.108030 | .0708255 | -.008998 | .7522302 | -.034104 | .0930431 | -.011054 |
| #2 | -.118619 | .0685604 | -.010133 | .7574527 | -.034297 | .1003563 | -.010829 |
| #3 | -.117324 | .0665076 | -.008991 | .7478257 | -.035246 | .1012877 | -.010833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002127 | -.001349 | .0070730 | .0005439 | .0018483 | .0180849 | .0091098 |
| Stddev | .0000463 | .000013  | .0014313 | .0002141 | .0002325 | .0007929 | .0014328 |
| %RSD   | 21.74324 | .9617326 | 20.23603 | 39.37053 | 12.58063 | 4.384510 | 15.72807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001614 | -.001344 | .0058447 | .0002984 | .0021066 | .0188355 | .0102729 |
| #2 | .0002258 | -.001340 | .0067294 | .0006922 | .0017825 | .0172555 | .0075093 |
| #3 | .0002511 | -.001364 | .0086447 | .0006411 | .0016558 | .0181635 | .0095473 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075188 | .0037015 | -.002780 | .0005904 | .1021874 | .0003557 | .0026661 |
| Stddev | .0002104 | .0167534 | .000097  | .0004845 | .0056899 | .0001568 | .0005654 |
| %RSD   | 2.798068 | 452.6137 | 3.487721 | 82.05920 | 5.568076 | 44.08474 | 21.20683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074998 | .0229323 | -.002737 | .0006224 | .1035133 | .0003014 | .0020710 |
| #2 | .0073186 | -.004096 | -.002711 | .0000907 | .1070972 | .0002333 | .0031962 |
| #3 | .0077380 | -.007732 | -.002890 | .0010581 | .0959516 | .0005325 | .0027312 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.010497 | -.181212 | .0064162 | .2122538 | -.000713 | -.004021 | .0569018 |
| Stddev | .024608  | .000796  | .0001605 | .0006302 | .000329  | .003244  | .0074010 |
| %RSD   | 234.4332 | .4392869 | 2.501391 | .2968947 | 46.19767 | 80.68096 | 13.00653 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .017842  | -.180301 | .0064530 | .2129723 | -.000984 | -.001914 | .0531412 |
| #2 | -.026462 | -.181558 | .0062405 | .2119944 | -.000347 | -.002393 | .0654280 |
| #3 | -.022871 | -.181777 | .0065551 | .2117947 | -.000809 | -.007757 | .0521364 |

Sample Name: Q1240-02      Acquired: 2/4/2025 13:06:05      Type: Unk  
Method: NON EPA-6010-200.7(v2655)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.414217 | -.006220 | -.000456 |
| Stddev | .010874  | .001090  | .000020  |
| %RSD   | .4504353 | 17.52350 | 4.277525 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.402786 | -.005752 | -.000442 |
| #2 | 2.424433 | -.007466 | -.000448 |
| #3 | 2.415432 | -.005442 | -.000478 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2017.338 | 45352.21 | 10879.05 | 1308.884 | 3895.932 |
| Stddev    | 2.932    | 190.42   | 22.46    | 11.402   | 12.221   |
| %RSD      | .1453166 | .4198708 | .2064429 | .8710887 | .3136914 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2020.006 | 45215.37 | 10864.51 | 1297.397 | 3899.109 |
| #2 | 2017.807 | 45271.59 | 10867.72 | 1309.057 | 3906.251 |
| #3 | 2014.200 | 45569.68 | 10904.91 | 1320.198 | 3882.436 |

Sample Name: LR1      Acquired: 2/4/2025 13:10:13      Type: Unk  
Method: NON EPA-6010-200.7(v2656)      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    | .0436824 | .0855876 | .0345857 | -.185665 | -.000389 | 2069.891 | .0160448 |
| Stddev | .0054461 | .0086333 | .0025108 | .017628  | .006452  | 18.548   | .0010450 |
| %RSD   | 12.46739 | 10.08715 | 7.259554 | 9.494706 | 1659.820 | .8960965 | 6.512990 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0401318 | .0911899 | .0373850 | -.167278 | -.007248 | 2088.750 | .0171764 |
| #2 | .0499527 | .0899276 | .0338397 | -.187296 | .000523  | 2051.670 | .0151162 |
| #3 | .0409628 | .0756454 | .0325325 | -.202421 | .005559  | 2069.254 | .0158418 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0093984 | .0112910 | 1863.521 | .0035139 | .0289298 | -.112251 | 1045.780 |
| Stddev | .0002958 | .0030261 | 16.512   | .0004136 | .0002048 | .009404  | 11.579   |
| %RSD   | 3.146881 | 26.80106 | .8860910 | 11.77013 | .7080307 | 8.377763 | 1.107226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097261 | .0079385 | 1874.230 | .0037536 | .0288596 | -.123086 | 1059.149 |
| #2 | .0093178 | .0121140 | 1871.828 | .0037518 | .0287693 | -.107462 | 1039.287 |
| #3 | .0091513 | .0138204 | 1844.504 | .0030363 | .0291605 | -.106206 | 1038.905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.079675 | 1778.385 | .0278016 | -.017884 | 2002.689 | .0646603 | .2020370 |
| Stddev | .000594  | 18.391   | .0008035 | .002060  | 15.925   | .0009526 | .0028592 |
| %RSD   | .7460640 | 1.034142 | 2.890257 | 11.51903 | .7951682 | 1.473194 | 1.415177 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.080308 | 1794.006 | .0284562 | -.015511 | 1985.827 | .0651246 | .1998311 |
| #2 | -.079588 | 1783.034 | .0269048 | -.018920 | 2004.768 | .0652916 | .2010127 |
| #3 | -.079129 | 1758.116 | .0280437 | -.019220 | 2017.472 | .0635645 | .2052672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1293.602 | .6524060 | -.009767 | .0064105 | -.037060 | .1352068 | .0728838 |
| Stddev | 10.442   | .0160243 | .001576  | .0050208 | .000941  | .0207550 | .0058717 |
| %RSD   | .8072374 | 2.456180 | 16.13855 | 78.32091 | 2.539757 | 15.35055 | 8.056289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1292.788 | .6709082 | -.011557 | .0100203 | -.038135 | .1122205 | .0787324 |
| #2 | 1283.591 | .6433265 | -.008583 | .0085345 | -.036657 | .1525730 | .0729299 |
| #3 | 1304.428 | .6429834 | -.009162 | .0006768 | -.036386 | .1408267 | .0669892 |

Sample Name: LR1      Acquired: 2/4/2025 13:10:13      Type: Unk  
 Method: NON EPA-6010-200.7(v2656)      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    | -.219429 | -.298806 | -1.03471 |
| Stddev | .001718  | .003495  | .01148   |
| %RSD   | .7829666 | 1.169567 | 1.109938 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.220750 | -.301397 | -1.04797 |
| #2 | -.220051 | -.300190 | -1.02834 |
| #3 | -.217487 | -.294831 | -1.02782 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1819.226 | 38808.13 | 9191.689 | 1187.316 | 2357.247 |
| Stddev    | 12.402   | 45.28    | 6.009    | 3.614    | 13.680   |
| %RSD      | .6816949 | .1166659 | .0653695 | .3043682 | .5803464 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1828.136 | 38764.18 | 9196.025 | 1187.295 | 2365.267 |
| #2 | 1824.480 | 38854.63 | 9184.830 | 1190.939 | 2365.022 |
| #3 | 1805.063 | 38805.59 | 9194.212 | 1183.712 | 2341.451 |

Sample Name: LR2      Acquired: 2/4/2025 13:15:09      Type: Unk  
Method: NON EPA-6010-200.7(v2656)      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    | .0131388 | -.019868 | F 23.08144 | .0077576 | .0032458 | .1535553 |
| Stddev | .0020297 | .001310  | .02950     | .0008330 | .0016439 | .0040916 |
| %RSD   | 15.44841 | 6.595559 | .1278012   | 10.73717 | 50.64831 | 2.664608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0109403 | -.018522 | 23.09709 | .0082408 | .0044403 | .1582704 |
| #2 | .0149414 | -.019944 | 23.04741 | .0067958 | .0039261 | .1509372 |
| #3 | .0135348 | -.021140 | 23.09981 | .0082362 | .0013709 | .1514584 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | ^F ***** | -.002885 | -.004811 | .2906590 | .0109060 | -.013383 |
| Stddev | -----    | .000038  | .000069  | .0023841 | .0001825 | .000481  |
| %RSD   | -----    | 1.319030 | 1.436332 | .8202362 | 1.673469 | 3.597385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | ^ -----  | -.002887 | -.004801 | .2926236 | .0110812 | -.013893 |
| #2 | ^ -----  | -.002922 | -.004748 | .2880066 | .0109198 | -.013319 |
| #3 | 78.47200 | -.002846 | -.004885 | .2913469 | .0107170 | -.012937 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 253.1369 | -.003968 | 48.45108 | -.076290 | 49.66235 | .0039132 |
| Stddev | .8765    | .002899  | .30295   | .016491  | .06453   | .0003493 |
| %RSD   | .3462574 | 73.05334 | .6252683 | 21.61617 | .1299411 | 8.926304 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 253.7254 | -.003984 | 48.57045 | -.070727 | 49.65979 | .0040444 |
| #2 | 252.1295 | -.001061 | 48.67617 | -.094843 | 49.59913 | .0041780 |
| #3 | 253.5557 | -.006859 | 48.10663 | -.063300 | 49.72812 | .0035173 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3024838 | -.013607 | 38.41169 | .3193432 | -.030520 | -.008147 |
| Stddev | .0054055 | .000157  | .27250   | .0026055 | .000510  | .000126  |
| %RSD   | 1.787037 | 1.151712 | .7094076 | .8158867 | 1.671354 | 1.552234 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3086906 | -.013619 | 38.24484 | .3212176 | -.030207 | -.008287 |
| #2 | .2999514 | -.013758 | 38.26409 | .3204439 | -.031109 | -.008113 |
| #3 | .2988094 | -.013445 | 38.72615 | .3163680 | -.030244 | -.008041 |

Sample Name: LR2      Acquired: 2/4/2025 13:15:09      Type: Unk  
Method: NON EPA-6010-200.7(v2656)      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    | -.005778 | -.036613 | -.021547 | 3.118471 | -.056485 | -.003382 |
| Stddev | .000709  | .000584  | .006602  | .005693  | .002554  | .000550  |
| %RSD   | 12.27025 | 1.594179 | 30.64071 | .1825445 | 4.521252 | 16.25623 |
| #1     | -.006012 | -.037243 | -.029155 | 3.112093 | -.055549 | -.003968 |
| #2     | -.004982 | -.036503 | -.017326 | 3.120282 | -.059375 | -.002877 |
| #3     | -.006340 | -.036092 | -.018159 | 3.123037 | -.054531 | -.003302 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0009979 |
| Stddev | .0000067 |
| %RSD   | .6672423 |
| #1     | .0009908 |
| #2     | .0010041 |
| #3     | .0009987 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2320.142 | 55561.14 | 10824.77 | 1639.726 | 4088.657 |
| Stddev    | 9.043    | 340.08   | 70.87    | 10.958   | 8.169    |
| %RSD      | .3897589 | .6120861 | .6546704 | .6682611 | .1997882 |
| #1        | 2326.668 | 55765.04 | 10772.57 | 1652.094 | 4090.298 |
| #2        | 2323.937 | 55749.82 | 10796.29 | 1635.856 | 4095.881 |
| #3        | 2309.819 | 55168.54 | 10905.44 | 1631.229 | 4079.792 |

Sample Name: CCV02      Acquired: 2/4/2025 13:19:22      Type: Unk  
Method: NON EPA-6010-200.7(v2505)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.175933 | 5.005720 | 5.014881 | 5.055559 | 5.100524 | 9.483985 |
| Stddev | .017826  | .019754  | .008608  | .018753  | .016127  | .025643  |
| %RSD   | .3443932 | .3946305 | .1716487 | .3709299 | .3161904 | .2703809 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.156394 | 4.987390 | 5.014263 | 5.046060 | 5.098354 | 9.469620 |
| #2 | 5.191308 | 5.026642 | 5.006598 | 5.077160 | 5.117626 | 9.468744 |
| #3 | 5.180098 | 5.003128 | 5.023781 | 5.043457 | 5.085591 | 9.513590 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.082165 | .2443084 | 2.465278 | 23.14918 | 1.004552 | 2.431834 |
| Stddev | .110630  | .0006411 | .007153  | .01428   | .003345  | .006186  |
| %RSD   | 1.218103 | .2624206 | .2901635 | .0616807 | .3329995 | .2543871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.087267 | .2435790 | 2.464593 | 23.14331 | 1.000806 | 2.431750 |
| #2 | 9.190155 | .2445634 | 2.458491 | 23.16546 | 1.005609 | 2.425691 |
| #3 | 8.969072 | .2447827 | 2.472749 | 23.13877 | 1.007241 | 2.438062 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.242609 | 4.633067 | 2.258626 | 24.35714 | 2.439673 | 1.229335 |
| Stddev | .001046  | .011599  | .004790  | .05963   | .005142  | .002008  |
| %RSD   | .0841826 | .2503465 | .2120767 | .2448305 | .2107545 | .1633454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.242890 | 4.634994 | 2.256823 | 24.29245 | 2.439614 | 1.227232 |
| #2 | 1.241451 | 4.620625 | 2.254999 | 24.36904 | 2.434561 | 1.229541 |
| #3 | 1.243486 | 4.643581 | 2.264056 | 24.40992 | 2.444844 | 1.231232 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.75556 | 2.339233 | 2.401807 | 23.37707 | 4.735379 | 4.939312 |
| Stddev | .08947   | .001159  | .002907  | .03742   | .011013  | .006317  |
| %RSD   | .3614021 | .0495404 | .1210505 | .1600562 | .2325713 | .1278925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.75882 | 2.337936 | 2.398638 | 23.40004 | 4.722823 | 4.933260 |
| #2 | 24.66450 | 2.340166 | 2.404351 | 23.33389 | 4.739911 | 4.945864 |
| #3 | 24.84334 | 2.339598 | 2.402433 | 23.39727 | 4.743404 | 4.938811 |

Sample Name: CCV02      Acquired: 2/4/2025 13:19:22      Type: Unk  
Method: NON EPA-6010-200.7(v2505)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |            |
|--------|----------|----------|------------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | 4.917012 | 4.600791 | F 4.290107 | 4.907987 | 4.897874 | F 4.472323 |
| Stddev | .006674  | .005426  | .016699    | .019605  | .015919  | .008916    |
| %RSD   | .1357380 | .1179453 | .3892447   | .3994441 | .3250168 | .1993561   |
| #1     | 4.918178 | 4.605385 | 4.287318   | 4.900419 | 4.885150 | 4.474955   |
| #2     | 4.909832 | 4.594804 | 4.274977   | 4.893295 | 4.892747 | 4.462388   |
| #3     | 4.923027 | 4.602183 | 4.308024   | 4.930248 | 4.915725 | 4.479627   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.644697 |
| Stddev | .045472  |
| %RSD   | .9790041 |
| #1     | 4.594762 |
| #2     | 4.683721 |
| #3     | 4.655608 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2600.559 | 54759.07 | 10400.91 | 1672.730 | 3911.663 |
| Stddev    | 2.745    | 95.84    | 20.85    | 2.872    | 6.386    |
| %RSD      | .1055641 | .1750193 | .2005016 | .1716725 | .1632483 |
| #1        | 2602.756 | 54858.53 | 10423.12 | 1671.088 | 3914.318 |
| #2        | 2597.481 | 54751.37 | 10397.88 | 1671.057 | 3916.293 |
| #3        | 2601.439 | 54667.31 | 10381.74 | 1676.046 | 3904.378 |

Sample Name: CCB02      Acquired: 2/4/2025 13:23:33      Type: Unk  
Method: NON EPA-6010-200.7(v2505)      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    | -.001803 | -.001196 | -.001089 | .0041754 | .0004839 | .0086022 | -.000420 |
| Stddev | .002139  | .001370  | .000153  | .0014864 | .0005791 | .0092451 | .000311  |
| %RSD   | 118.6111 | 114.5424 | 14.05035 | 35.59853 | 119.6796 | 107.4741 | 74.15044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003545 | -.000199 | -.000920 | .0040339 | .0006618 | .0151090 | -.000062 |
| #2 | -.002448 | -.000631 | -.001218 | .0057276 | .0009533 | .0126779 | -.000626 |
| #3 | .000584  | -.002758 | -.001129 | .0027649 | -.000163 | -.001980 | -.000573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000332 | -.000056 | -.002976 | -.000374 | -.000028 | .0012983 | -.002585 |
| Stddev | .0000117 | .000081  | .007677  | .000118  | .000104  | .0000509 | .000370  |
| %RSD   | 35.27353 | 144.2073 | 257.9796 | 31.70749 | 369.0627 | 3.917835 | 14.29859 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000334 | -.000121 | .002245  | -.000332 | .000062  | .0013547 | -.002991 |
| #2 | .0000448 | .000035  | -.011790 | -.000507 | -.000005 | .0012841 | -.002268 |
| #3 | .0000214 | -.000084 | .000618  | -.000282 | -.000142 | .0012560 | -.002496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001713 | .0133399 | .0000683 | .0004634 | .1491348 | .0000437 | -.000379 |
| Stddev | .0002139 | .0229180 | .0001443 | .0002585 | .0015323 | .0009467 | .000139  |
| %RSD   | 124.8860 | 171.8002 | 211.3483 | 55.79576 | 1.027439 | 2167.428 | 36.71792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000141 | .0133345 | -.000089 | .0006637 | .1481070 | .0008254 | -.000540 |
| #2 | .0000849 | -.009575 | .000195  | .0005548 | .1484014 | .0003147 | -.000309 |
| #3 | .0004149 | .036261  | .000099  | .0001715 | .1508959 | -.001009 | -.000289 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1398991 | -.022728 | -.000489 | .0044335 | .0004175 | -.014167 | -.006360 |
| Stddev | .0170216 | .000322  | .000061  | .0002676 | .0008696 | .003503  | .002548  |
| %RSD   | 12.16709 | 1.416930 | 12.57493 | 6.036502 | 208.2999 | 24.72989 | 40.06936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1298200 | -.022460 | -.000547 | .0043837 | .0000483 | -.010122 | -.006369 |
| #2 | .1303256 | -.022640 | -.000494 | .0047226 | -.000207 | -.016133 | -.003807 |
| #3 | .1595519 | -.023085 | -.000425 | .0041944 | .001411  | -.016245 | -.008903 |

Sample Name: CCB02      Acquired: 2/4/2025 13:23:33      Type: Unk  
 Method: NON EPA-6010-200.7(v2505)      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    | -.000222 | -.000979 | -.000376 |
| Stddev | .002431  | .000367  | .000024  |
| %RSD   | 1096.918 | 37.48995 | 6.363942 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003009 | -.000764 | -.000391 |
| #2 | .000881  | -.000770 | -.000349 |
| #3 | .001463  | -.001402 | -.000389 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2748.139 | 57513.22 | 11222.92 | 1797.907 | 4372.585 |
| Stddev    | 5.182    | 228.20   | 18.08    | 1.161    | 6.587    |
| %RSD      | .1885608 | .3967811 | .1610778 | .0645924 | .1506403 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2745.558 | 57545.91 | 11240.30 | 1798.619 | 4365.991 |
| #2 | 2754.105 | 57723.32 | 11204.22 | 1798.536 | 4379.164 |
| #3 | 2744.755 | 57270.44 | 11224.23 | 1796.567 | 4372.599 |