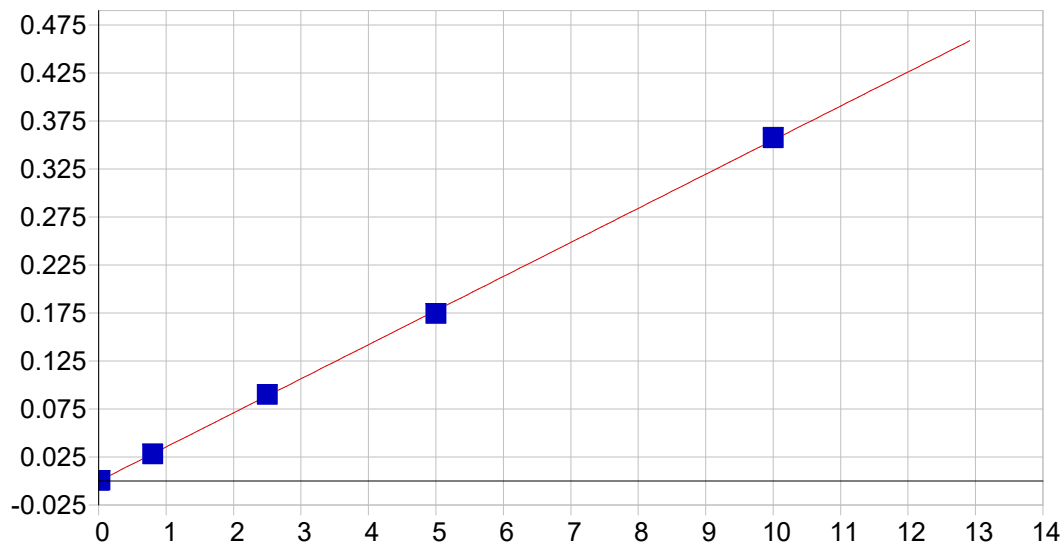


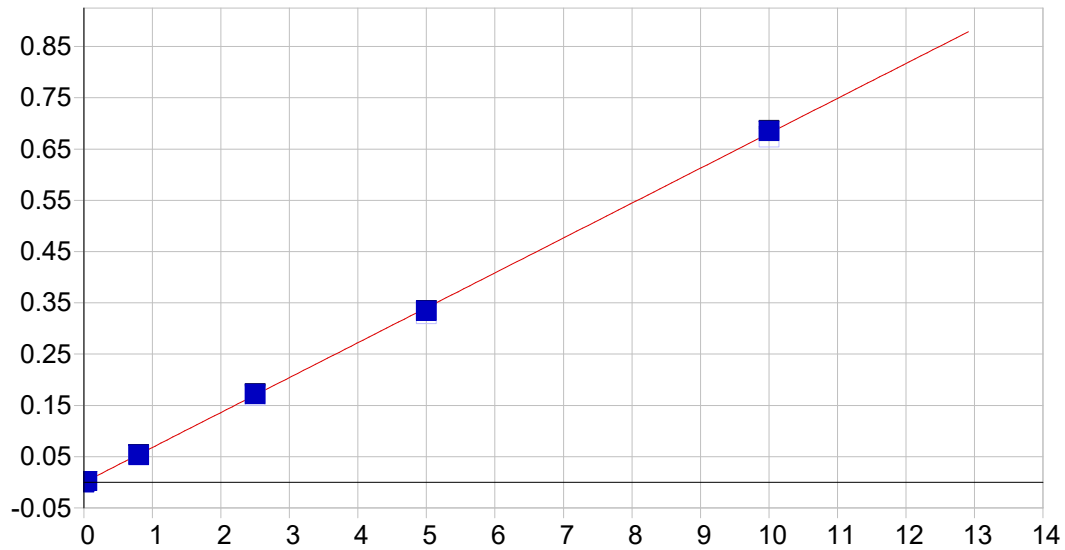


**As 189.042 {479}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000089 Re-Slope: 1.000000  
 A1 (Gain): 0.035514 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.005333  
 Predicted MQL: 0.017777

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .01893      | -.001      | -5.35   | .00058  | .000    | 1        |
| S3        | 2.5000       | 2.5350      | .035       | 1.40    | .08985  | .000    | 1        |
| S4        | 5.0000       | 4.9114      | -.089      | -1.77   | .17416  | .000    | 1        |
| S5        | 10.000       | 10.065      | .065       | .652    | .35701  | .001    | 1        |
| S2        | .80000       | .78952      | -.010      | -1.31   | .02792  | .000    | 1        |

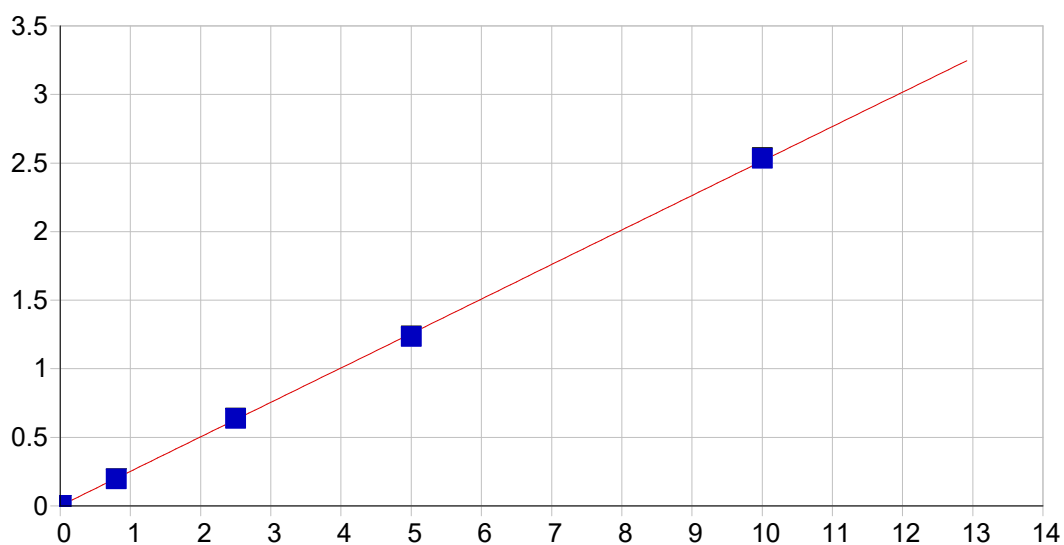


TI 190.856 {477}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000  
 A1 (Gain): 0.068070 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000030  
 Predicted MDL: 0.002671  
 Predicted MQL: 0.008903

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00002 | .000    | 1        |
| S1        | .04000       | .03469      | -.005      | -13.3   | .00216  | .000    | 1        |
| S3        | 2.5000       | 2.5304      | .030       | 1.22    | .16909  | .001    | 1        |
| S4        | 5.0000       | 4.9167      | -.083      | -1.67   | .32839  | .001    | 1        |
| S5        | 10.000       | 10.071      | .071       | .714    | .67301  | .001    | 1        |
| S2        | .80000       | .78658      | -.013      | -1.68   | .05252  | .000    | 1        |

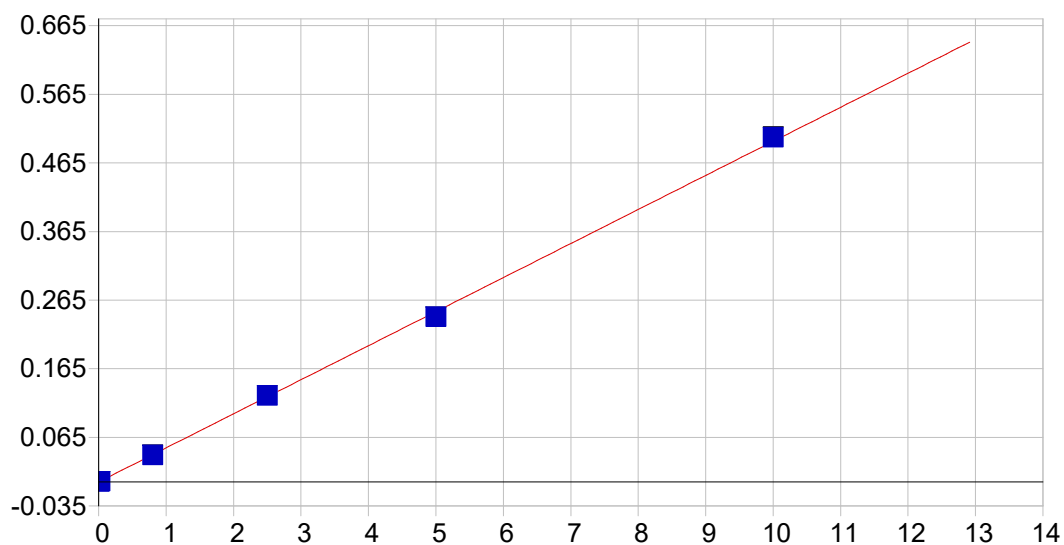


**Pb 220.353 {453}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000922 Re-Slope: 1.000000  
 A1 (Gain): 0.251318 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999904 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.001765  
 Predicted MQL: 0.005882

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00092 | .000    | 1        |
| S1        | .01200       | .01079      | -.001      | -10.1   | .00357 | .000    | 1        |
| S3        | 2.5000       | 2.5335      | .033       | 1.34    | .63700 | .002    | 1        |
| S4        | 5.0000       | 4.9086      | -.091      | -1.83   | 1.2333 | .004    | 1        |
| S5        | 10.000       | 10.081      | .081       | .813    | 2.5320 | .003    | 1        |
| S2        | .80000       | .77780      | -.022      | -2.78   | .19619 | .001    | 1        |

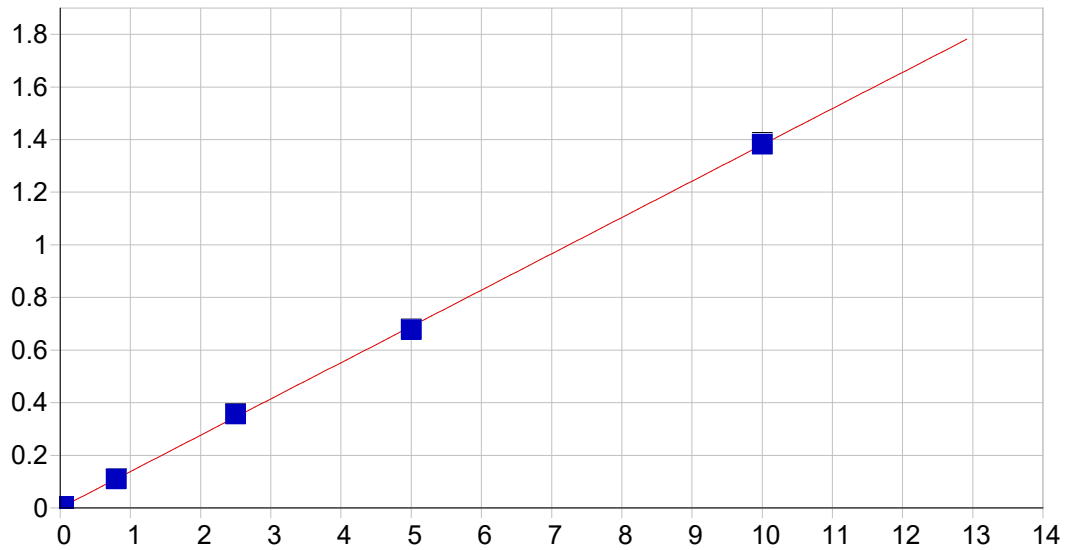


Se 196.090 {472}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000  
A1 (Gain): 0.049649 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999800 Status: OK.  
Std Error of Est: 0.000023  
Predicted MDL: 0.005250  
Predicted MQL: 0.017501

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00006 | .000    | 1        |
| S1        | .02000       | .01716      | -.003      | -14.2   | .00079  | .000    | 1        |
| S3        | 2.5000       | 2.5387      | .039       | 1.55    | .12594  | .000    | 1        |
| S4        | 5.0000       | 4.8467      | -.153      | -3.07   | .24048  | .000    | 1        |
| S5        | 10.000       | 10.124      | .124       | 1.24    | .50243  | .001    | 1        |
| S2        | .80000       | .79293      | -.007      | -.884   | .03929  | .000    | 1        |

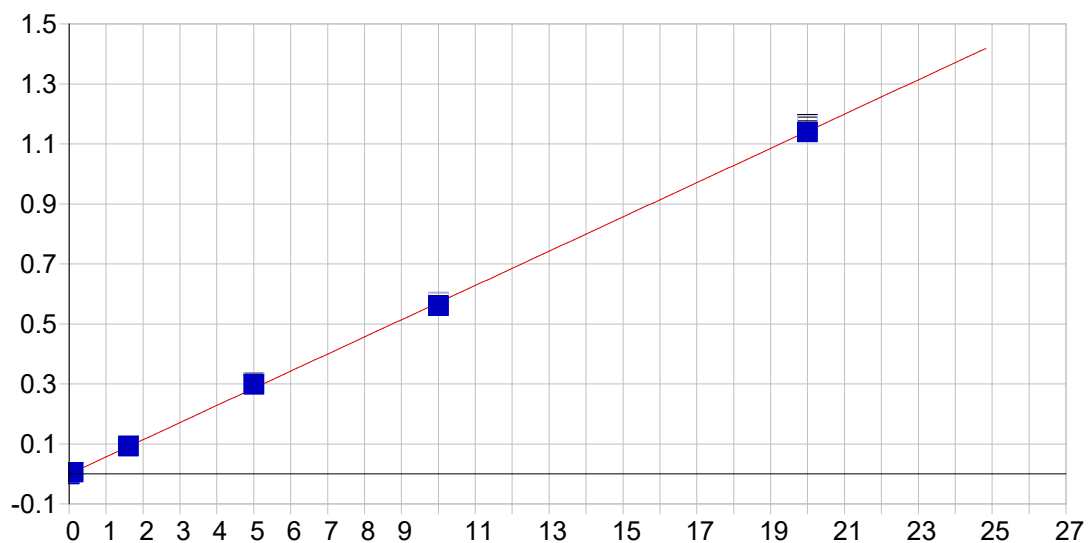


**Sb 206.833 {463}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000197 Re-Slope: 1.000000  
 A1 (Gain): 0.137956 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999883 Status: OK.  
 Std Error of Est: 0.000079  
 Predicted MDL: 0.002453  
 Predicted MQL: 0.008175

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00020 | .000    | 1        |
| S1        | .05000       | .04818      | -.002      | -3.65   | .00686 | .000    | 1        |
| S3        | 2.5000       | 2.5794      | .079       | 3.18    | .35698 | .001    | 1        |
| S4        | 5.0000       | 4.9080      | -.092      | -1.84   | .67916 | .000    | 1        |
| S5        | 10.000       | 10.018      | .018       | .181    | 1.3860 | .004    | 1        |
| S2        | .80000       | .79637      | -.004      | -.454   | .11036 | .001    | 1        |

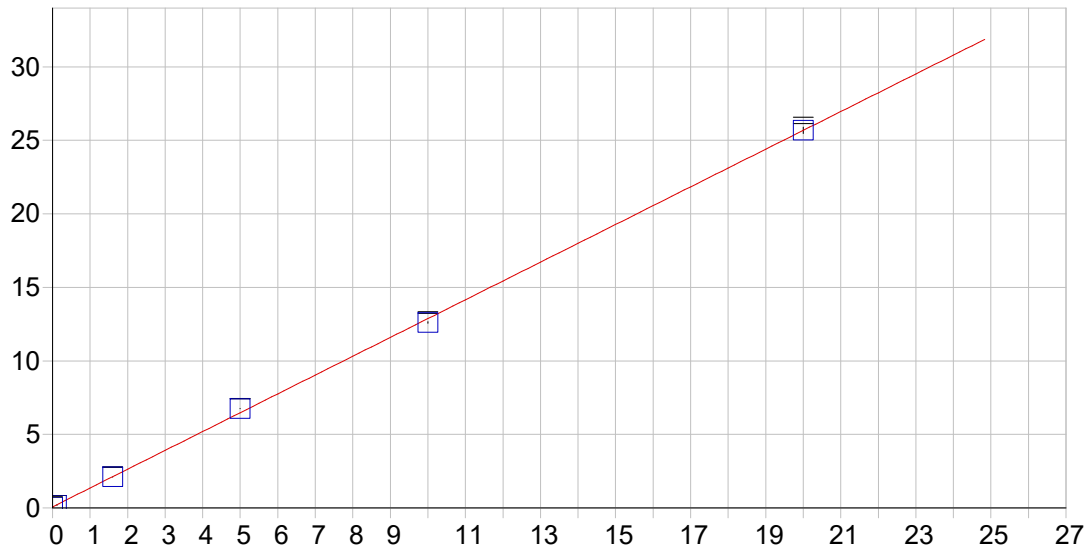


AI 396.152 { 85}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000317 Re-Slope: 1.000000  
 A1 (Gain): 0.057128 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999831 Status: OK.  
 Std Error of Est: 0.000079  
 Predicted MDL: 0.010991  
 Predicted MQL: 0.036635

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00032 | .000    | 1        |
| S1        | .10000       | .10335      | .003       | 3.35    | .00603  | .000    | 1        |
| S3        | 5.0000       | 5.2132      | .213       | 4.26    | .30305  | .001    | 1        |
| S4        | 10.000       | 9.8196      | -.180      | -1.80   | .57175  | .001    | 1        |
| S5        | 20.000       | 19.943      | -.057      | -.286   | 1.1611  | .004    | 1        |
| S2        | 1.6000       | 1.6209      | .021       | 1.30    | .09405  | .000    | 1        |

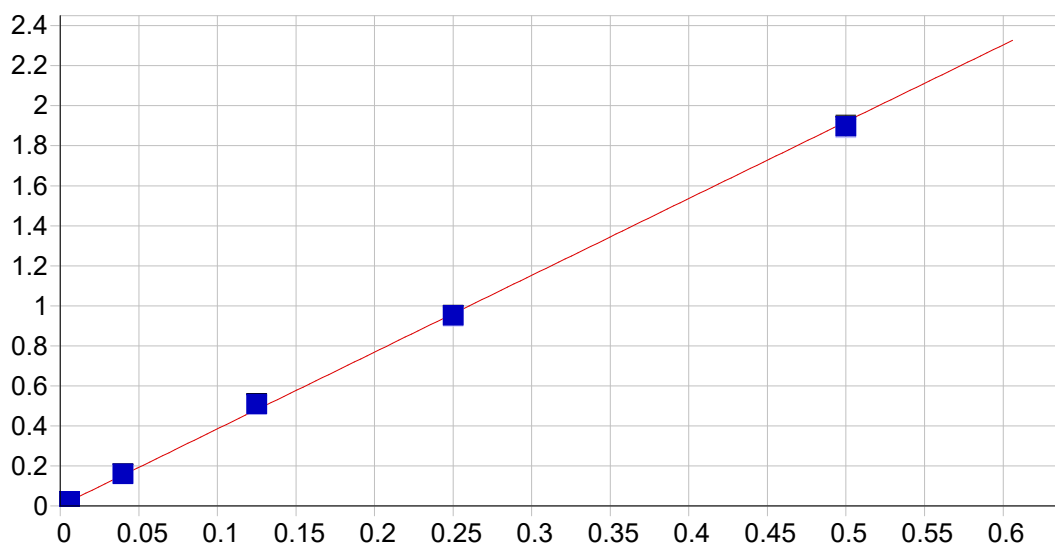


**Ba 493.409 { 68}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.073775 Re-Slope: 1.000000  
 A1 (Gain): 1.280329 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999801 Status: OK.  
 Std Error of Est: 0.001896  
 Predicted MDL: 0.001674  
 Predicted MQL: 0.005578

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .07378 | .003    | 1        |
| S1        | .10000       | .09349      | -.007      | -6.51   | .19347 | .002    | 1        |
| S3        | 5.0000       | 5.2212      | .221       | 4.42    | 6.7586 | .018    | 1        |
| S4        | 10.000       | 9.7938      | -.206      | -2.06   | 12.613 | .050    | 1        |
| S5        | 20.000       | 20.008      | .008       | .042    | 25.691 | .219    | 1        |
| S2        | 1.6000       | 1.5832      | -.017      | -1.05   | 2.1008 | .013    | 1        |



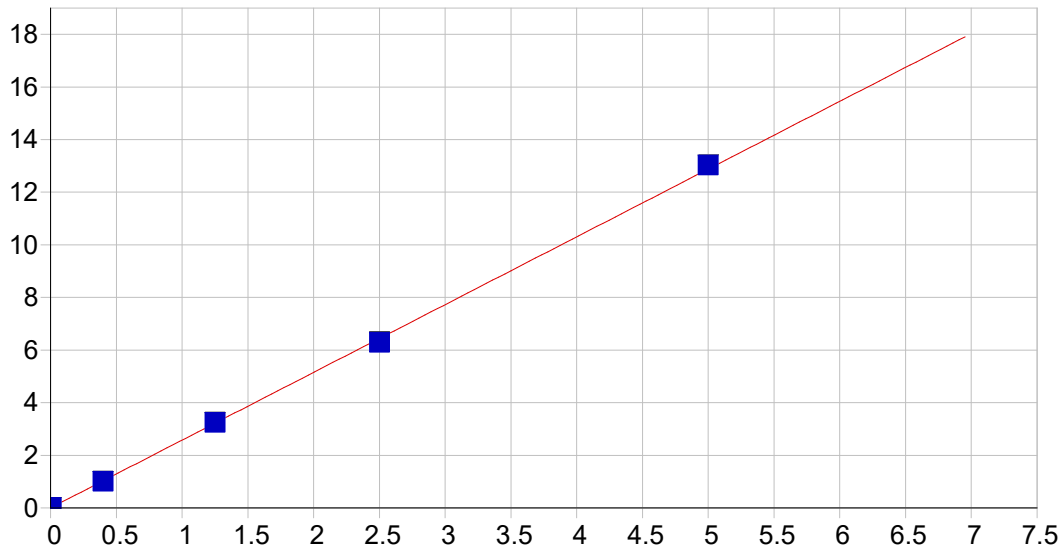
### Be 234.861 {144}

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000835 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.838346 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999690 | Status:   | OK.      |
| Std Error of Est: | 0.000274 |           |          |
| Predicted MDL:    | 0.000067 |           |          |
| Predicted MQL:    | 0.000223 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00083 | .000    | 1        |
| S1        | .00600       | .00583      | -.000      | -2.80   | .02305 | .000    | 1        |
| S3        | .12500       | .13228      | .007       | 5.83    | .50644 | .003    | 1        |
| S4        | .25000       | .24750      | -.002      | -1.000  | .94653 | .003    | 1        |
| S5        | .50000       | .49409      | -.006      | -1.18   | 1.8887 | .006    | 1        |
| S2        | .04000       | .04130      | .001       | 3.24    | .15866 | .001    | 1        |



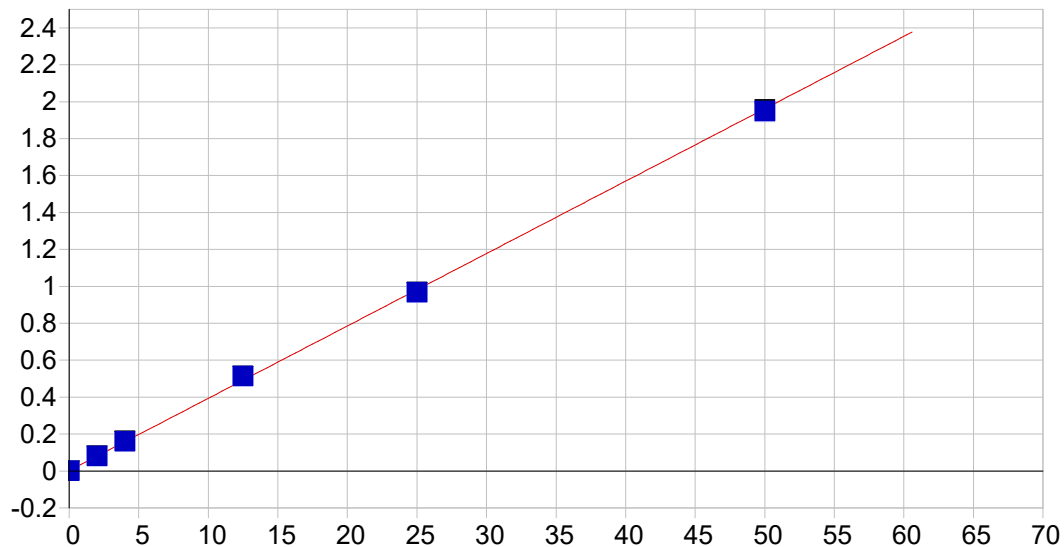


**Cd 226.502 {449}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000482 Re-Slope: 1.000000  
 A1 (Gain): 2.575828 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999875 Status: OK.  
 Std Error of Est: 0.000370  
 Predicted MDL: 0.000125  
 Predicted MQL: 0.000415

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00048 | .000    | 1        |
| S1        | .00600       | .00571      | -.000      | -4.84   | .01524 | .000    | 1        |
| S3        | 1.2500       | 1.2600      | .010       | .799    | 3.2480 | .006    | 1        |
| S4        | 2.5000       | 2.4427      | -.057      | -2.29   | 6.2965 | .022    | 1        |
| S5        | 5.0000       | 5.0572      | .057       | 1.14    | 13.035 | .019    | 1        |
| S2        | .40000       | .39045      | -.010      | -2.39   | 1.0069 | .001    | 1        |

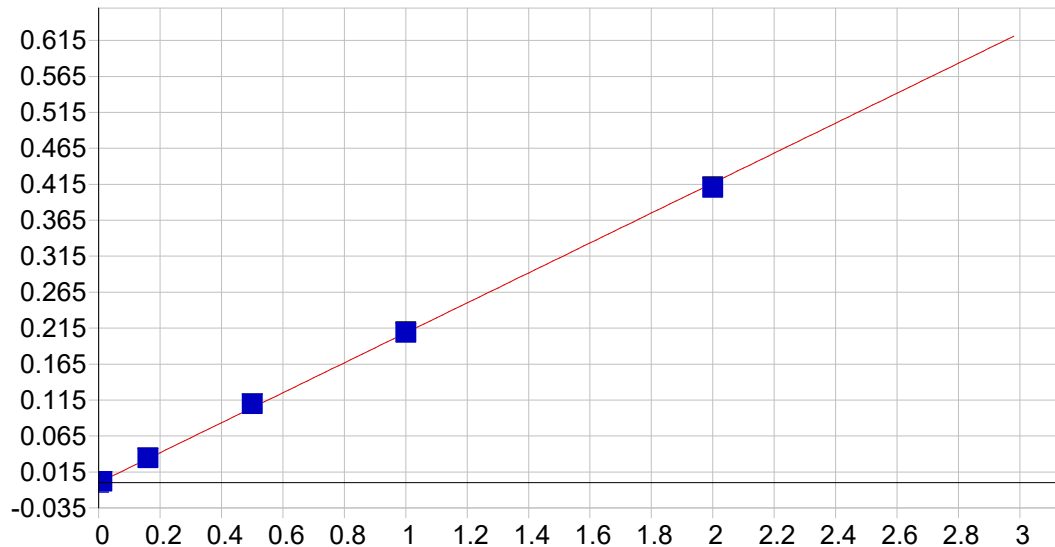


Ca 373.690 { 90}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001386 Re-Slope: 1.000000  
 A1 (Gain): 0.039203 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999819 Status: OK.  
 Std Error of Est: 0.000394  
 Predicted MDL: 0.011964  
 Predicted MQL: 0.039881

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00011     | -.000      | .000    | .00138 | .002    | 1        |
| S2        | 4.0000       | 4.0610      | .061       | 1.52    | .16014 | .002    | 1        |
| S3        | 12.500       | 13.065      | .565       | 4.52    | .51218 | .001    | 1        |
| S4        | 25.000       | 24.661      | -.339      | -1.36   | .96540 | .001    | 1        |
| S5        | 50.000       | 49.680      | -.320      | -.641   | 1.9434 | .009    | 1        |
| S1        | 2.0000       | 2.0335      | .034       | 1.68    | .08105 | .002    | 1        |

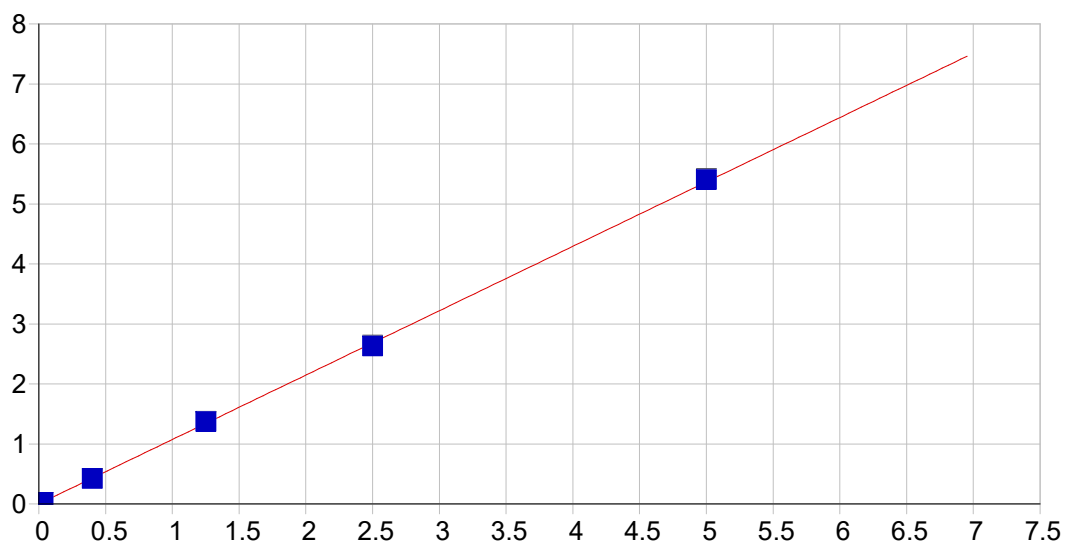


Cr 267.716 {126}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000081 Re-Slope: 1.000000  
A1 (Gain): 0.208313 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999733 Status: OK.  
Std Error of Est: 0.000036  
Predicted MDL: 0.000515  
Predicted MQL: 0.001717

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .00961      | -.000      | -3.92   | .00208 | .000    | 1        |
| S3        | .50000       | .52610      | .026       | 5.22    | .10970 | .000    | 1        |
| S4        | 1.0000       | 1.0018      | .002       | .176    | .20882 | .001    | 1        |
| S5        | 2.0000       | 1.9687      | -.031      | -1.56   | .41032 | .001    | 1        |
| S2        | .16000       | .16382      | .004       | 2.39    | .03422 | .000    | 1        |

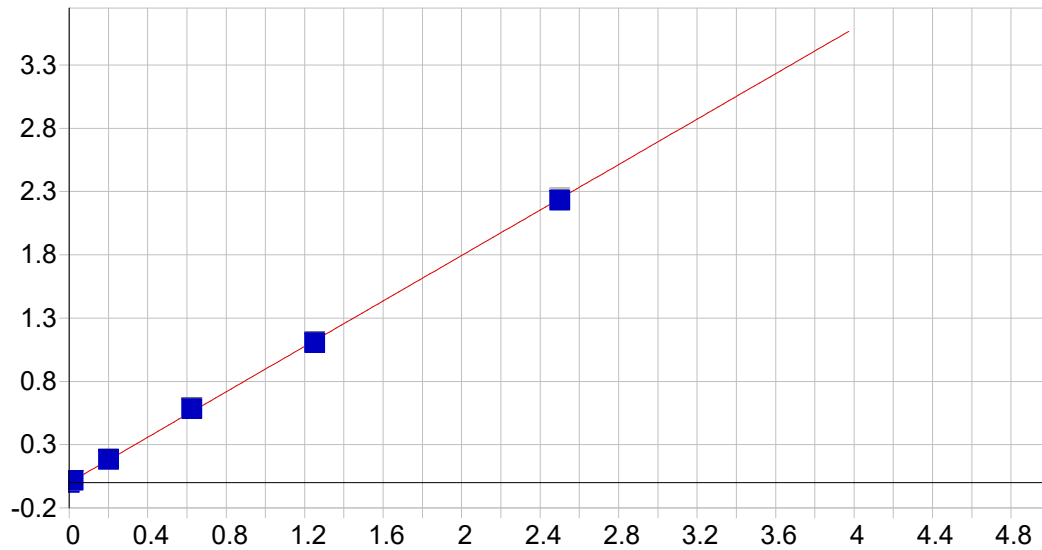


**Co 228.616 {448}**

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000388 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.073179 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999886 | Status:   | OK.      |
| Std Error of Est: | 0.000330 |           |          |
| Predicted MDL:    | 0.000291 |           |          |
| Predicted MQL:    | 0.000970 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .03000       | .02819      | -.002      | -6.03   | .03051 | .000    | 1        |
| S3        | 1.2500       | 1.2760      | .026       | 2.08    | 1.3720 | .003    | 1        |
| S4        | 2.5000       | 2.4507      | -.049      | -1.97   | 2.6350 | .008    | 1        |
| S5        | 5.0000       | 5.0349      | .035       | .698    | 5.4129 | .007    | 1        |
| S2        | .40000       | .39017      | -.010      | -2.46   | .41984 | .001    | 1        |

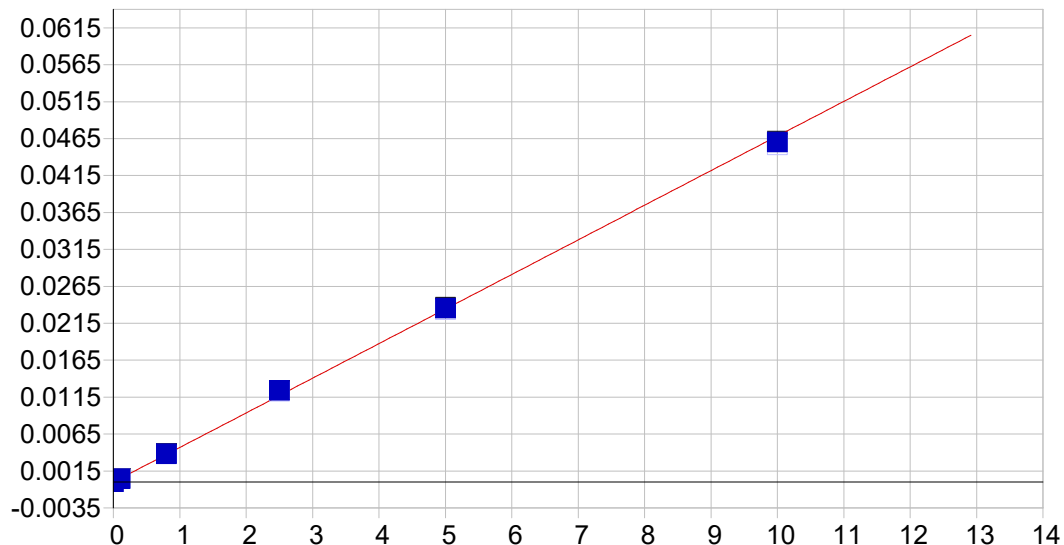


**Cu 224.700 {450}**

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000738 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.897762  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999821  | Status:   | OK.      |
| Std Error of Est: | 0.000201  |           |          |
| Predicted MDL:    | 0.000557  |           |          |
| Predicted MQL:    | 0.001858  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00074 | .000    | 1        |
| S1        | .02000       | .02040      | .000       | 2.00    | .01775  | .000    | 1        |
| S3        | .62500       | .65266      | .028       | 4.43    | .58908  | .002    | 1        |
| S4        | 1.2500       | 1.2327      | -.017      | -1.39   | 1.1137  | .002    | 1        |
| S5        | 2.5000       | 2.4847      | -.015      | -.612   | 2.2455  | .004    | 1        |
| S2        | .20000       | .20457      | .005       | 2.29    | .18416  | .000    | 1        |

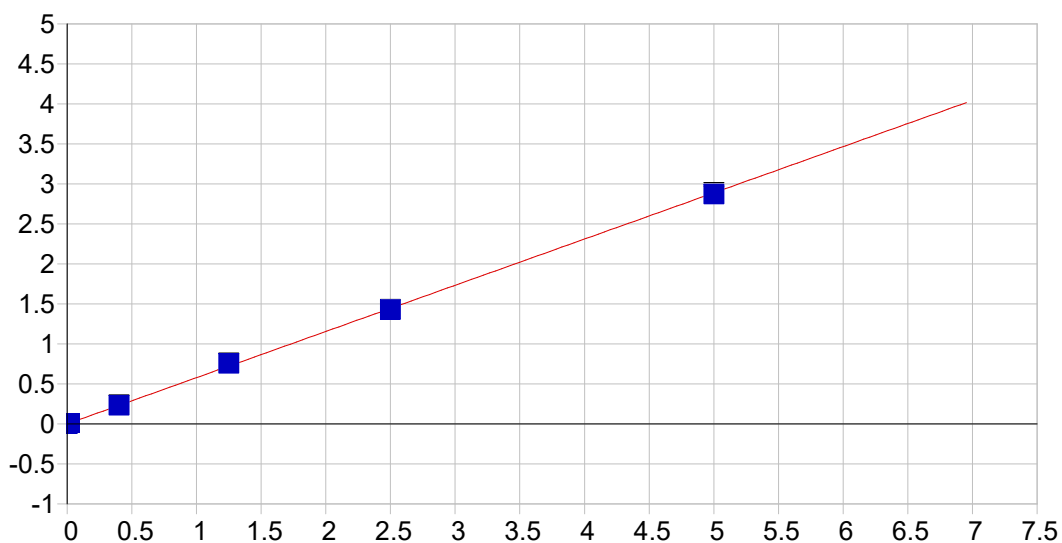


**Fe 240.488 {140}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000004 Re-Slope: 1.000000  
 A1 (Gain): 0.004685 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999675 Status: OK.  
 Std Error of Est: 0.000006  
 Predicted MDL: 0.008293  
 Predicted MQL: 0.027644

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .10000       | .09676      | -.003      | -3.24   | .00044  | .000    | 1        |
| S3        | 2.5000       | 2.6439      | .144       | 5.76    | .01228  | .000    | 1        |
| S4        | 5.0000       | 5.0208      | .021       | .415    | .02332  | .000    | 1        |
| S5        | 10.000       | 9.8253      | -.175      | -1.75   | .04563  | .000    | 1        |
| S2        | .80000       | .81322      | .013       | 1.65    | .00377  | .000    | 1        |

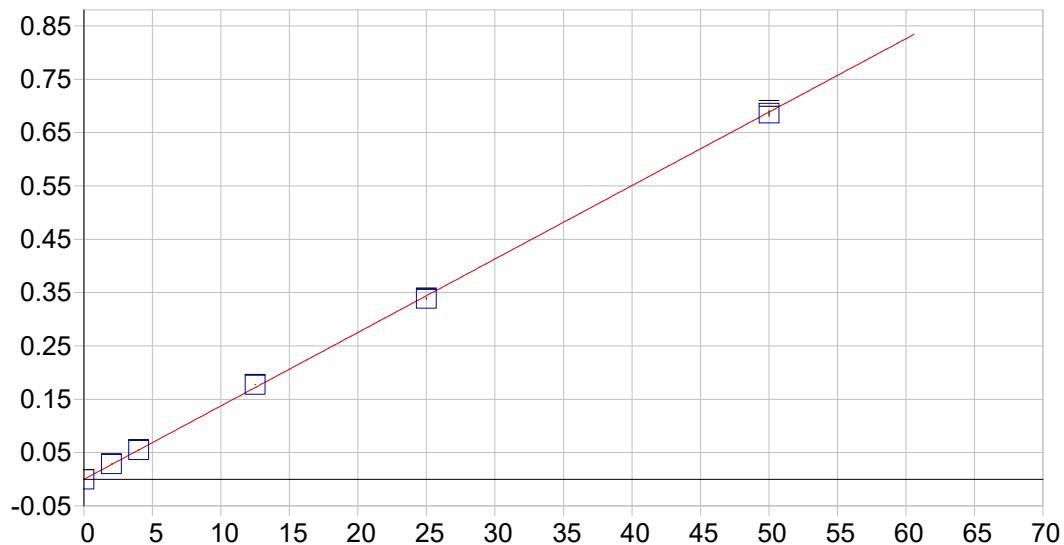


**Mn 257.610 {131}**

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000167 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.577607 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999828 | Status:   | OK.      |
| Std Error of Est: | 0.000177 |           |          |
| Predicted MDL:    | 0.000357 |           |          |
| Predicted MQL:    | 0.001191 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .02000       | .02015      | .000       | .735    | .01181 | .000    | 1        |
| S3        | 1.2500       | 1.3068      | .057       | 4.55    | .75507 | .004    | 1        |
| S4        | 2.5000       | 2.4705      | -.030      | -1.18   | 1.4273 | .003    | 1        |
| S5        | 5.0000       | 4.9693      | -.031      | -.614   | 2.8708 | .021    | 1        |
| S2        | .40000       | .40327      | .003       | .816    | .23312 | .002    | 1        |



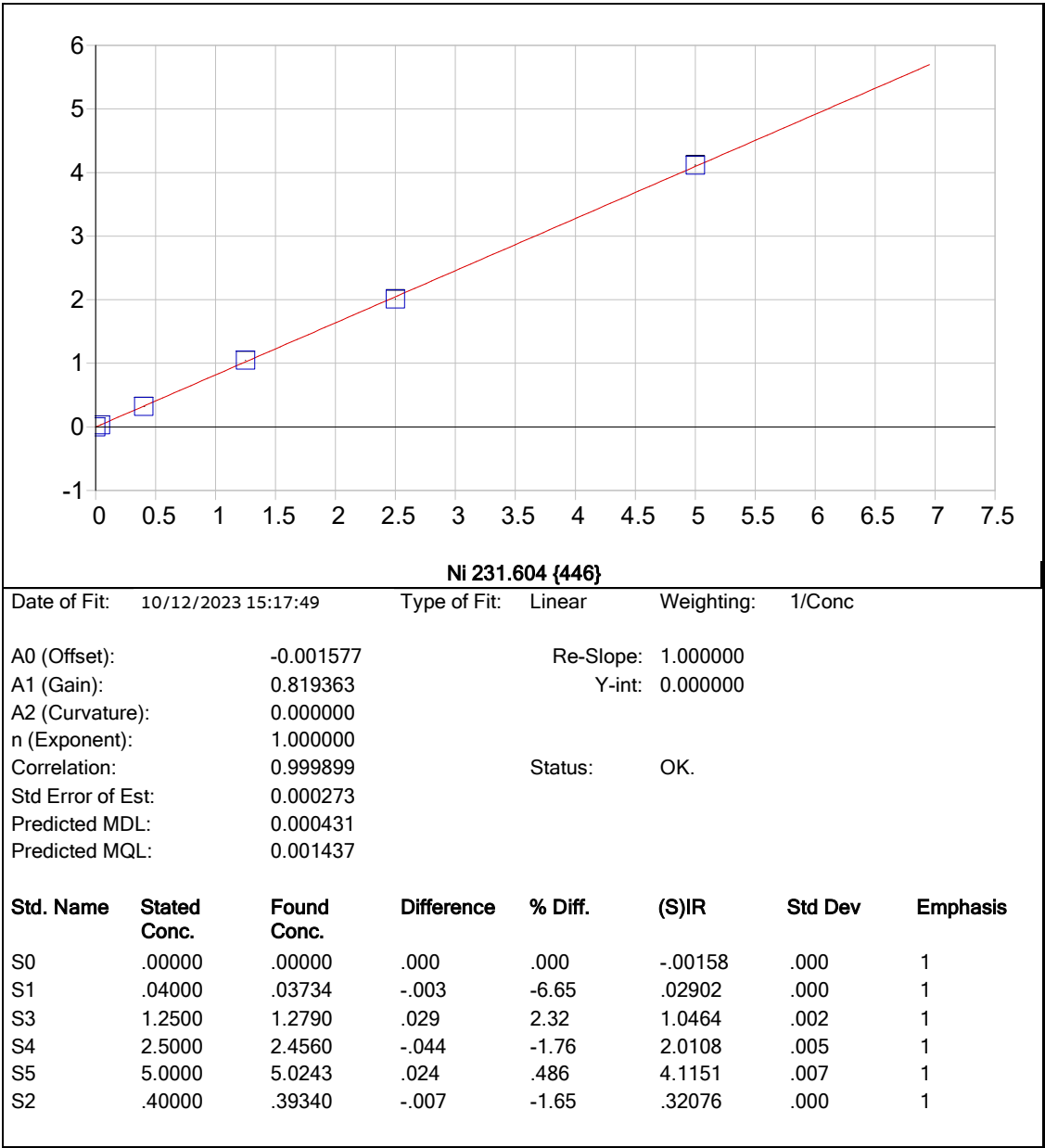
**Mg 279.079 {121}**

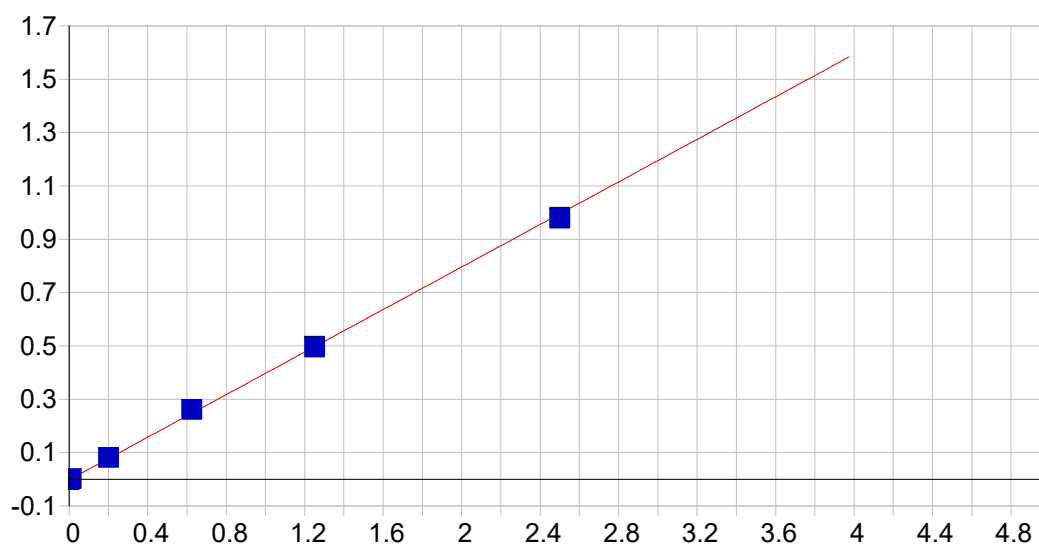
Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000269 Re-Slope: 1.000000  
 A1 (Gain): 0.013771 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999863 Status: OK.  
 Std Error of Est: 0.000121  
 Predicted MDL: 0.018829  
 Predicted MQL: 0.062764

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00014     | -.000      | .000    | -.00027 | .000    | 1        |
| S2        | 4.0000       | 4.0194      | .019       | .485    | .05508  | .001    | 1        |
| S3        | 12.500       | 12.919      | .419       | 3.35    | .17765  | .001    | 1        |
| S4        | 25.000       | 24.620      | -.380      | -1.52   | .33879  | .001    | 1        |
| S5        | 50.000       | 49.840      | -.160      | -.321   | .68609  | .005    | 1        |
| S1        | 2.0000       | 2.1015      | .102       | 5.08    | .02867  | .000    | 1        |





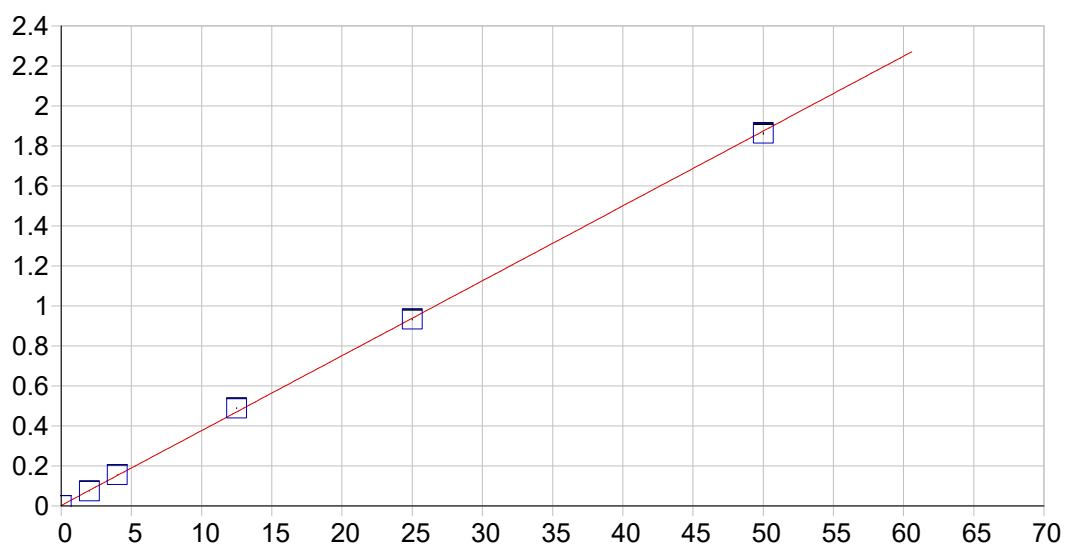


**Ag 328.068 {103}**

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001867 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.398877  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999682  | Status:   | OK.      |
| Std Error of Est: | 0.000083  |           |          |
| Predicted MDL:    | 0.000512  |           |          |
| Predicted MQL:    | 0.001707  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00187 | .000    | 1        |
| S1        | .01000       | .01060      | .001       | 5.95    | .00233  | .000    | 1        |
| S3        | .62500       | .65995      | .035       | 5.59    | .26042  | .000    | 1        |
| S4        | 1.2500       | 1.2473      | -.003      | -.219   | .49374  | .003    | 1        |
| S5        | 2.5000       | 2.4600      | -.040      | -1.60   | .97556  | .003    | 1        |
| S2        | .20000       | .20720      | .007       | 3.60    | .08048  | .000    | 1        |

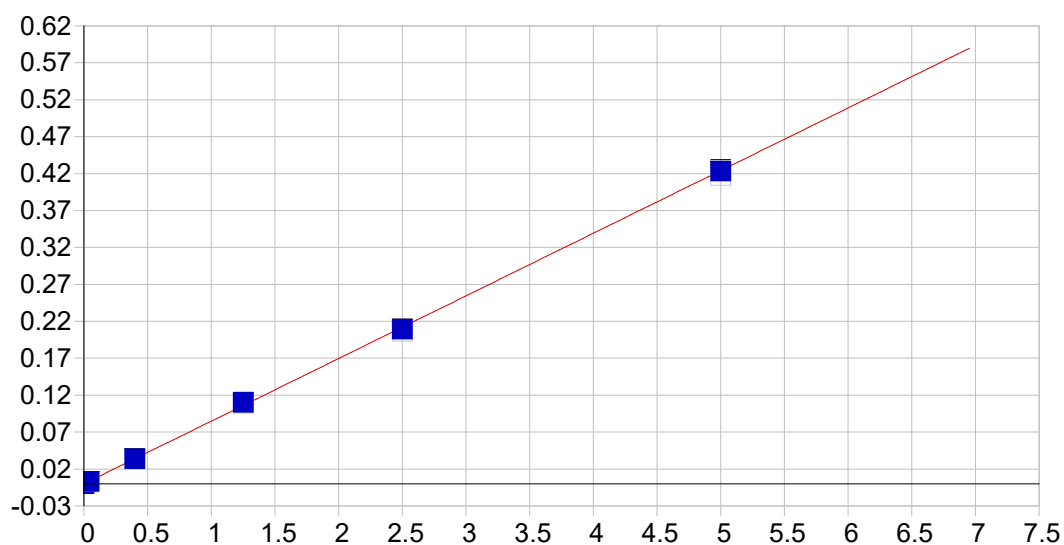


**Na 589.592 { 57}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002379 Re-Slope: 1.000000  
 A1 (Gain): 0.037439 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999860 Status: OK.  
 Std Error of Est: 0.000332  
 Predicted MDL: 0.010526  
 Predicted MQL: 0.035086

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00238 | .000    | 1        |
| S2        | 4.0000       | 4.0896      | .090       | 2.24    | .15549 | .001    | 1        |
| S3        | 12.500       | 12.975      | .475       | 3.80    | .48817 | .003    | 1        |
| S4        | 25.000       | 24.842      | -.158      | -.630   | .93246 | .004    | 1        |
| S5        | 50.000       | 49.669      | -.331      | -.662   | 1.8620 | .005    | 1        |
| S1        | 2.0000       | 1.9233      | -.077      | -3.83   | .07439 | .000    | 1        |

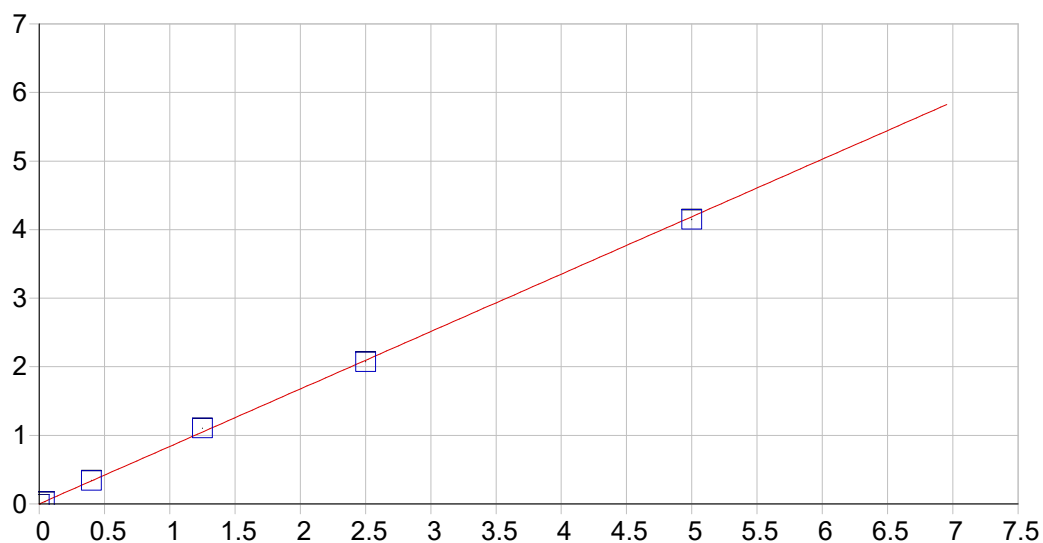


V 292.402 {115}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000094 Re-Slope: 1.000000  
 A1 (Gain): 0.084836 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999858 Status: OK.  
 Std Error of Est: 0.000033  
 Predicted MDL: 0.002917  
 Predicted MQL: 0.009723

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .04000       | .03737      | -.003      | -6.58   | .00295  | .000    | 1        |
| S3        | 1.2500       | 1.2983      | .048       | 3.86    | .10850  | .000    | 1        |
| S4        | 2.5000       | 2.4661      | -.034      | -1.36   | .20603  | .000    | 1        |
| S5        | 5.0000       | 4.9903      | -.010      | -.193   | .41708  | .002    | 1        |
| S2        | .40000       | .39792      | -.002      | -.521   | .03317  | .000    | 1        |

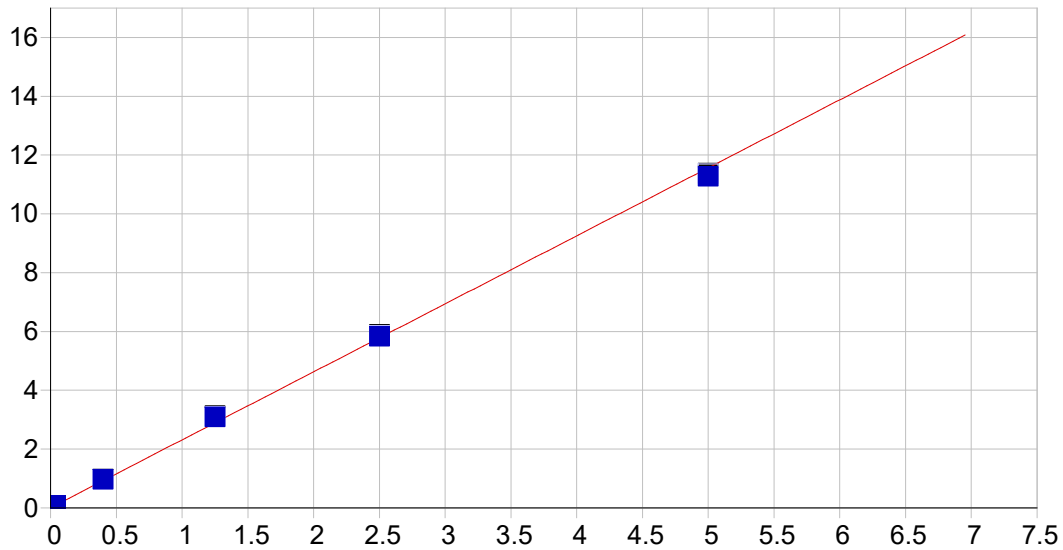


**Zn 206.200 {464}**

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000503 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.837635 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999753 | Status:   | OK.      |
| Std Error of Est: | 0.000437 |           |          |
| Predicted MDL:    | 0.000304 |           |          |
| Predicted MQL:    | 0.001014 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00050 | .000    | 1        |
| S1        | .04000       | .03910      | -.001      | -2.24   | .03326 | .000    | 1        |
| S3        | 1.2500       | 1.3173      | .067       | 5.38    | 1.1039 | .001    | 1        |
| S4        | 2.5000       | 2.4757      | -.024      | -.973   | 2.0742 | .004    | 1        |
| S5        | 5.0000       | 4.9499      | -.050      | -1.00   | 4.1467 | .005    | 1        |
| S2        | .40000       | .40809      | .008       | 2.02    | .34233 | .001    | 1        |

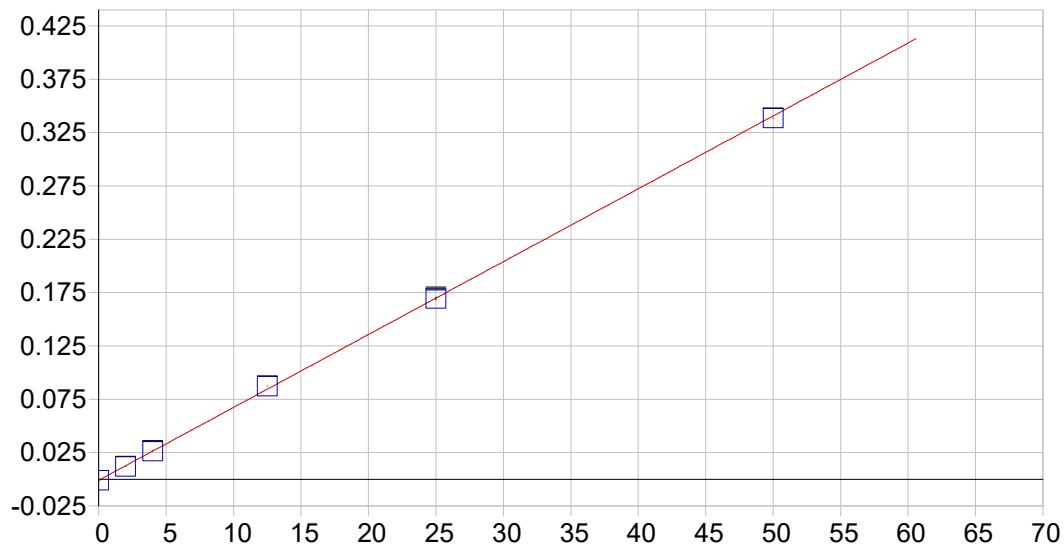


**Zn 213.856 {158}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002629 Re-Slope: 1.000000  
 A1 (Gain): 2.312754 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999460 Status: OK.  
 Std Error of Est: 0.001796  
 Predicted MDL: 0.000379  
 Predicted MQL: 0.001263

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00262 | .000    | 1        |
| S1        | .04000       | .04070      | .001       | 1.74    | .09740 | .001    | 1        |
| S3        | 1.2500       | 1.3365      | .086       | 6.92    | 3.1137 | .017    | 1        |
| S4        | 2.5000       | 2.5199      | .020       | .794    | 5.8707 | .026    | 1        |
| S5        | 5.0000       | 4.8752      | -.125      | -2.50   | 11.358 | .028    | 1        |
| S2        | .40000       | .41779      | .018       | 4.45    | .97531 | .002    | 1        |

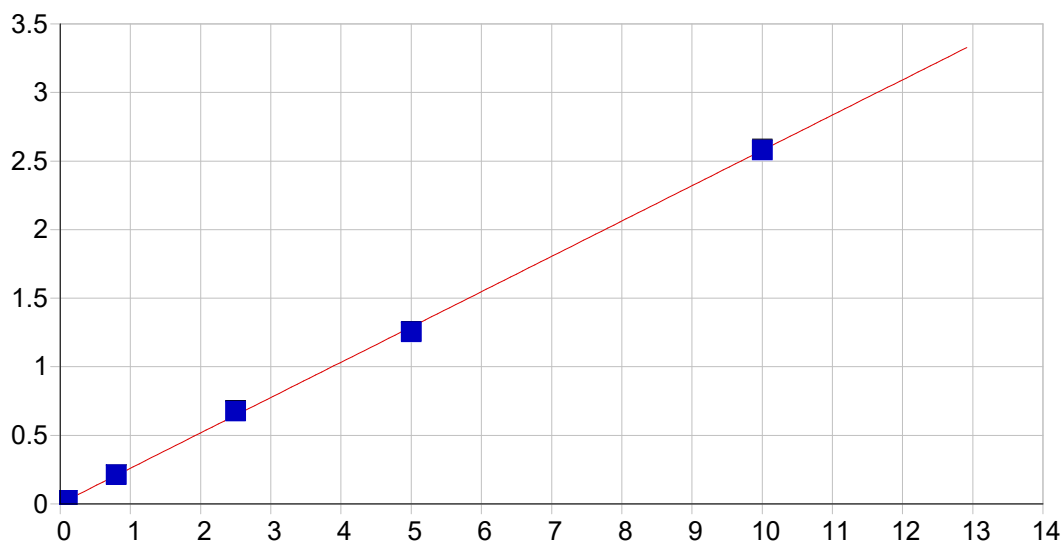


K 766.490 { 44}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001016 Re-Slope: 1.000000  
 A1 (Gain): 0.006833 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999891 Status: OK.  
 Std Error of Est: 0.000053  
 Predicted MDL: 0.057736  
 Predicted MQL: 0.192455

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | -.00102 | .000    | 1        |
| S2        | 4.0000       | 4.0142      | .014       | .356    | .02641  | .001    | 1        |
| S3        | 12.500       | 12.922      | .422       | 3.38    | .08728  | .000    | 1        |
| S4        | 25.000       | 24.963      | -.037      | -.148   | .16955  | .001    | 1        |
| S5        | 50.000       | 49.692      | -.308      | -.615   | .33852  | .000    | 1        |
| S1        | 2.0000       | 1.9083      | -.092      | -4.59   | .01202  | .000    | 1        |



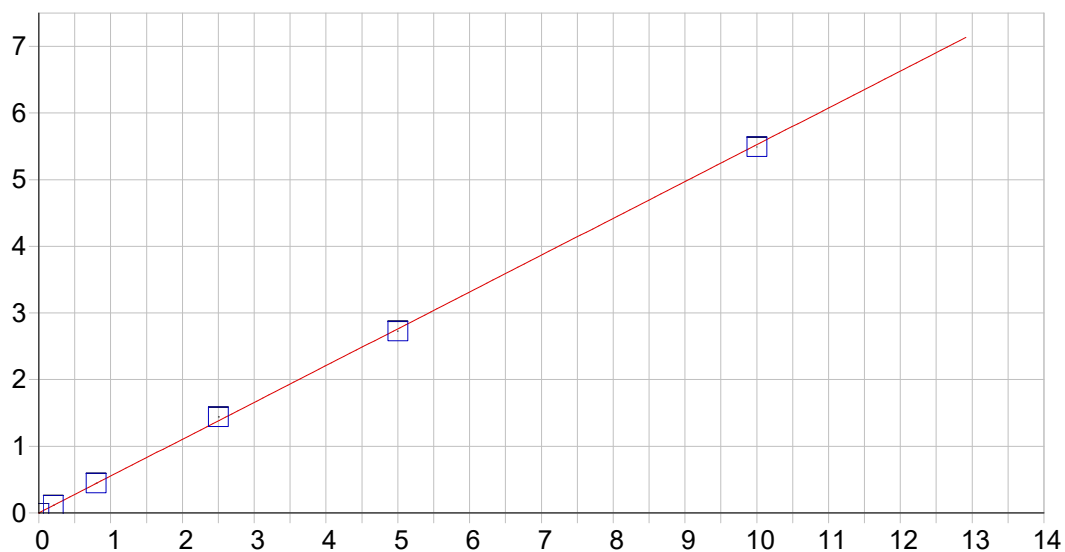
**B 249.678 {135}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002744 Re-Slope: 1.000000  
 A1 (Gain): 0.257472 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999743 Status: OK.  
 Std Error of Est: 0.000306  
 Predicted MDL: 0.001257  
 Predicted MQL: 0.004189

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00274 | .000    | 1        |
| S1        | .10000       | .09583      | -.004      | -4.17   | .02729 | .000    | 1        |
| S3        | 2.5000       | 2.6138      | .114       | 4.55    | .67408 | .005    | 1        |
| S4        | 5.0000       | 4.8624      | -.138      | -2.75   | 1.2514 | .002    | 1        |
| S5        | 10.000       | 10.014      | .014       | .138    | 2.5744 | .007    | 1        |
| S2        | .80000       | .81412      | .014       | 1.76    | .21183 | .001    | 1        |



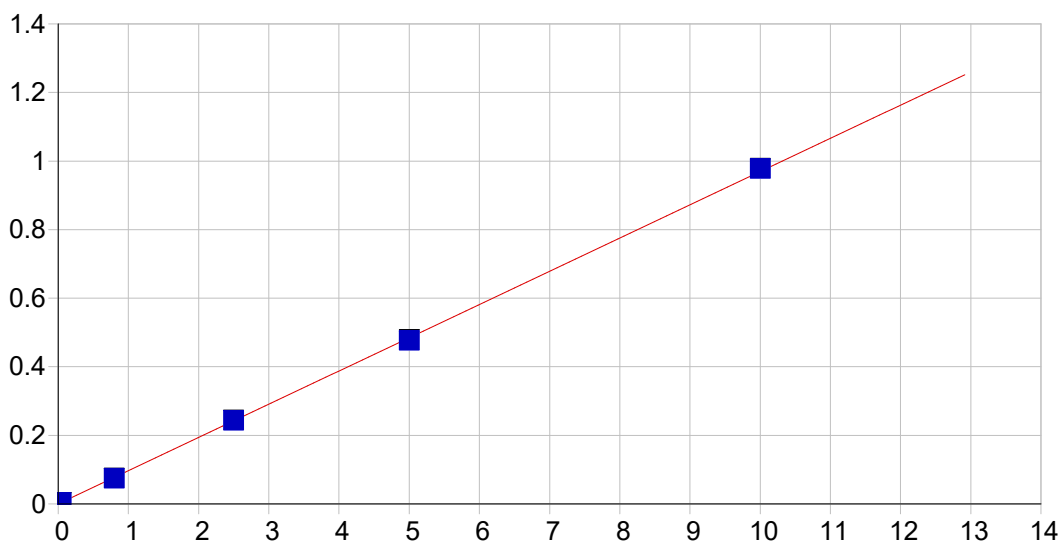


Mo 202.030 {467}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000  
 A1 (Gain): 0.552394 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999833 Status: OK.  
 Std Error of Est: 0.000750  
 Predicted MDL: 0.000467  
 Predicted MQL: 0.001555

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00032 | .000    | 1        |
| S1        | .20000       | .21183      | .012       | 5.91    | .11734 | .000    | 1        |
| S3        | 2.5000       | 2.6037      | .104       | 4.15    | 1.4386 | .000    | 1        |
| S4        | 5.0000       | 4.9392      | -.061      | -1.22   | 2.7287 | .004    | 1        |
| S5        | 10.000       | 9.9391      | -.061      | -.609   | 5.4906 | .005    | 1        |
| S2        | .80000       | .80619      | .006       | .774    | .44566 | .001    | 1        |

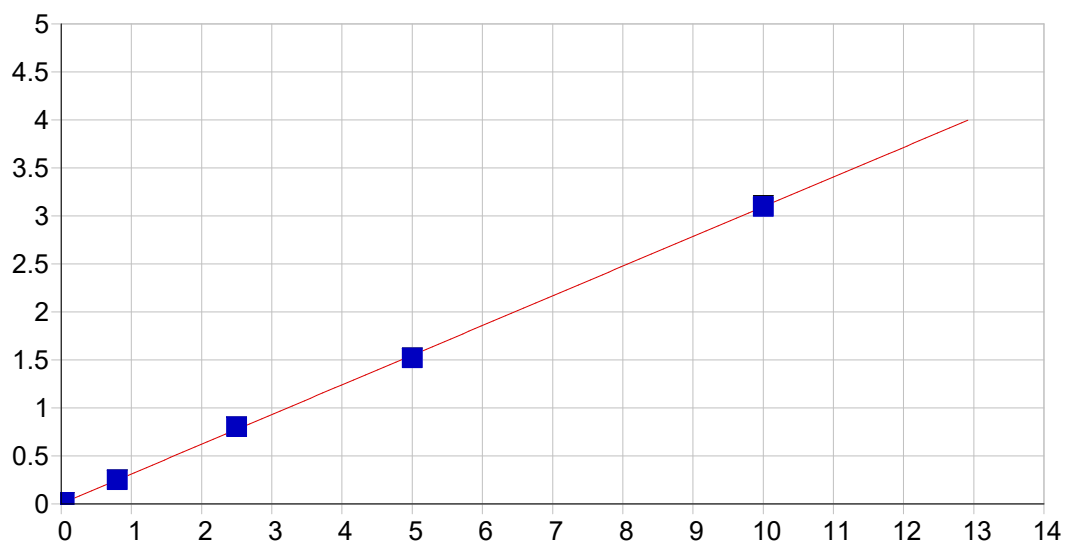


**Sn 189.989 {478}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000108 Re-Slope: 1.000000  
 A1 (Gain): 0.096883 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999903 Status: OK.  
 Std Error of Est: 0.000045  
 Predicted MDL: 0.001446  
 Predicted MQL: 0.004819

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00011 | .000    | 1        |
| S1        | .04000       | .03769      | -.002      | -5.78   | .00376 | .000    | 1        |
| S3        | 2.5000       | 2.5178      | .018       | .710    | .24379 | .000    | 1        |
| S4        | 5.0000       | 4.9260      | -.074      | -1.48   | .47686 | .002    | 1        |
| S5        | 10.000       | 10.092      | .092       | .916    | .97682 | .001    | 1        |
| S2        | .80000       | .76698      | -.033      | -4.13   | .07434 | .000    | 1        |

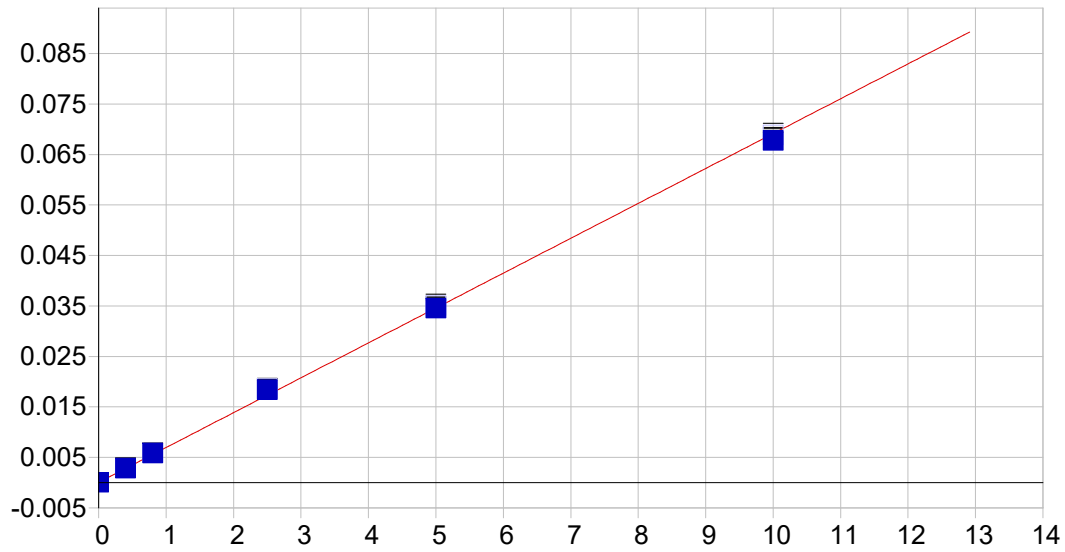


**Ti 336.121 {100}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002630 Re-Slope: 1.000000  
 A1 (Gain): 0.309264 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999857 Status: OK.  
 Std Error of Est: 0.000174  
 Predicted MDL: 0.001243  
 Predicted MQL: 0.004143

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00263 | .000    | 1        |
| S1        | .04000       | .03826      | -.002      | -4.34   | .01445 | .000    | 1        |
| S3        | 2.5000       | 2.5928      | .093       | 3.71    | .80421 | .003    | 1        |
| S4        | 5.0000       | 4.9068      | -.093      | -1.86   | 1.5196 | .001    | 1        |
| S5        | 10.000       | 10.002      | .002       | .015    | 3.0946 | .011    | 1        |
| S2        | .80000       | .80057      | .001       | .072    | .25013 | .001    | 1        |

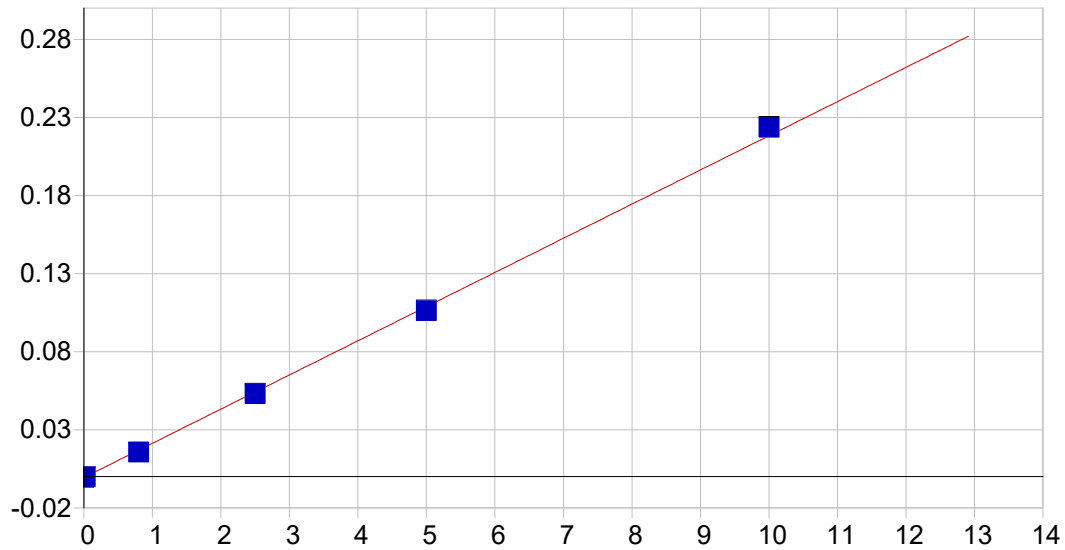


Si 288.158 {117}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000048 Re-Slope: 1.000000  
 A1 (Gain): 0.006908 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999591 Status: OK.  
 Std Error of Est: 0.000021  
 Predicted MDL: 0.012506  
 Predicted MQL: 0.041687

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .40000       | .40840      | .008       | 2.10    | .00287 | .000    | 1        |
| S3        | 2.5000       | 2.6572      | .157       | 6.29    | .01867 | .000    | 1        |
| S4        | 5.0000       | 4.9929      | -.007      | -.143   | .03506 | .000    | 1        |
| S5        | 10.000       | 9.8034      | -.197      | -1.97   | .06882 | .000    | 1        |
| S2        | .80000       | .83822      | .038       | 4.78    | .00592 | .000    | 1        |

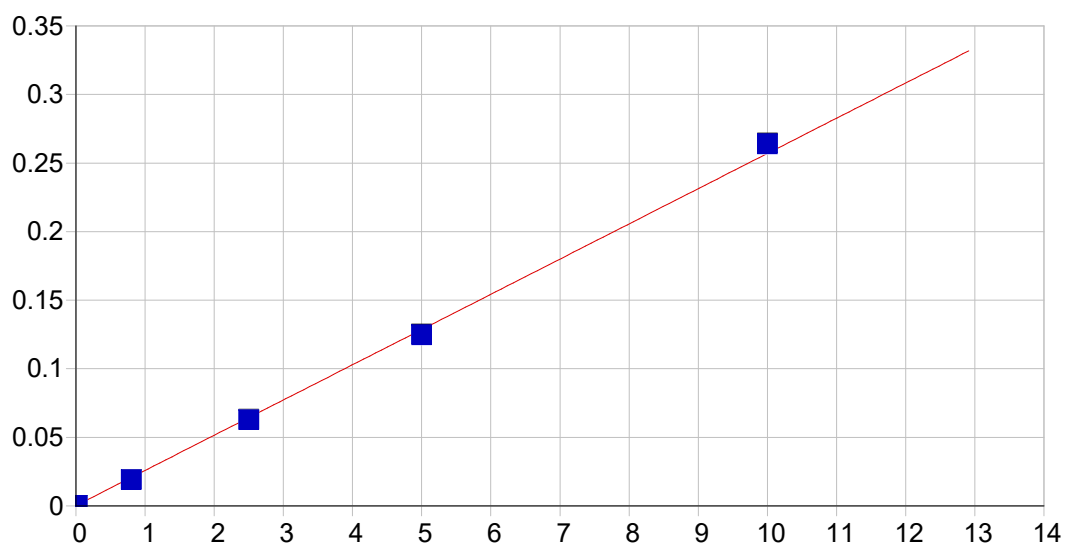


P 177.495 {490}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000  
 A1 (Gain): 0.021875 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999535 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.005738  
 Predicted MQL: 0.019128

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00050 | .000    | 1        |
| S1        | .02000       | .01435      | -.006      | -28.3   | -.00018 | .000    | 1        |
| S3        | 2.5000       | 2.4474      | -.053      | -2.11   | .05303  | .000    | 1        |
| S4        | 5.0000       | 4.8779      | -.122      | -2.44   | .10619  | .000    | 1        |
| S5        | 10.000       | 10.246      | .246       | 2.46    | .22359  | .001    | 1        |
| S2        | .80000       | .73480      | -.065      | -8.15   | .01557  | .000    | 1        |

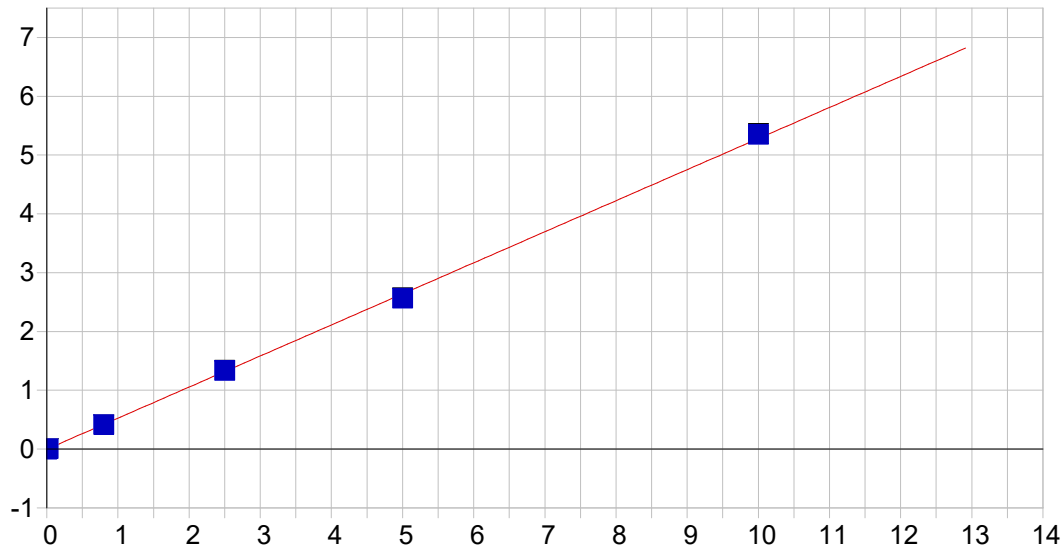


**S 182.034 {485}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000206 Re-Slope: 1.000000  
 A1 (Gain): 0.025680 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999483 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.005769  
 Predicted MQL: 0.019228

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00021 | .000    | 1        |
| S1        | .02000       | .01907      | -.001      | -4.66   | .00067 | .000    | 1        |
| S3        | 2.5000       | 2.4397      | -.060      | -2.41   | .06266 | .000    | 1        |
| S4        | 5.0000       | 4.8499      | -.150      | -3.00   | .12437 | .000    | 1        |
| S5        | 10.000       | 10.276      | .276       | 2.76    | .26332 | .001    | 1        |
| S2        | .80000       | .73536      | -.065      | -8.08   | .01903 | .000    | 1        |

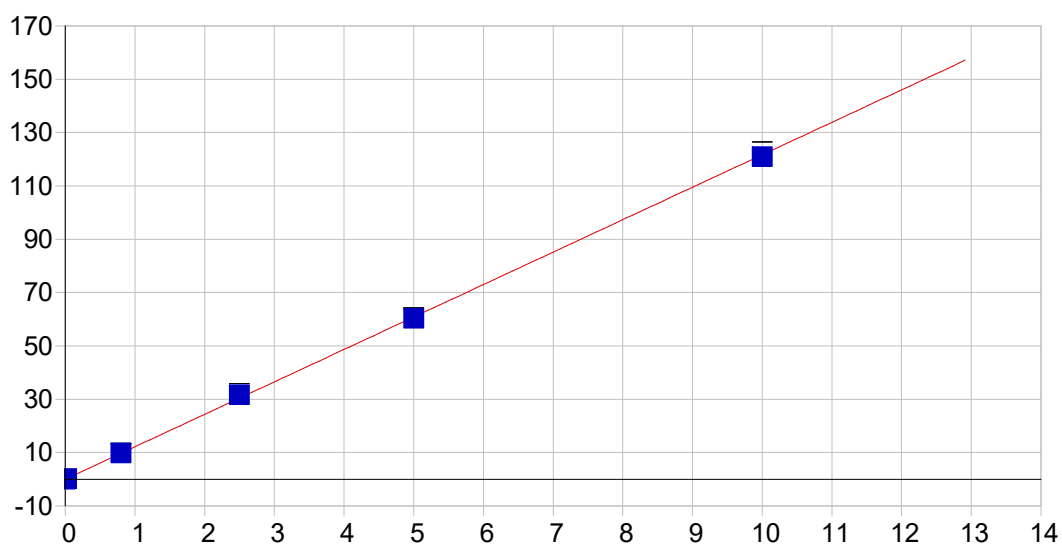


Li 670.784 { 50}

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001656 Re-Slope: 1.000000  
 A1 (Gain): 0.528248 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999831 Status: OK.  
 Std Error of Est: 0.000227  
 Predicted MDL: 0.002233  
 Predicted MQL: 0.007443

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00166 | .001    | 1        |
| S5        | 10.000       | 10.129      | .129       | 1.29    | 5.3511  | .014    | 1        |
| S4        | 5.0000       | 4.8605      | -.139      | -2.79   | 2.5670  | .002    | 1        |
| S3        | 2.5000       | 2.5269      | .027       | 1.08    | 1.3337  | .005    | 1        |
| S1        | .02000       | .01903      | -.001      | -4.83   | .00849  | .001    | 1        |
| S2        | .80000       | .78457      | -.015      | -1.93   | .41297  | .003    | 1        |



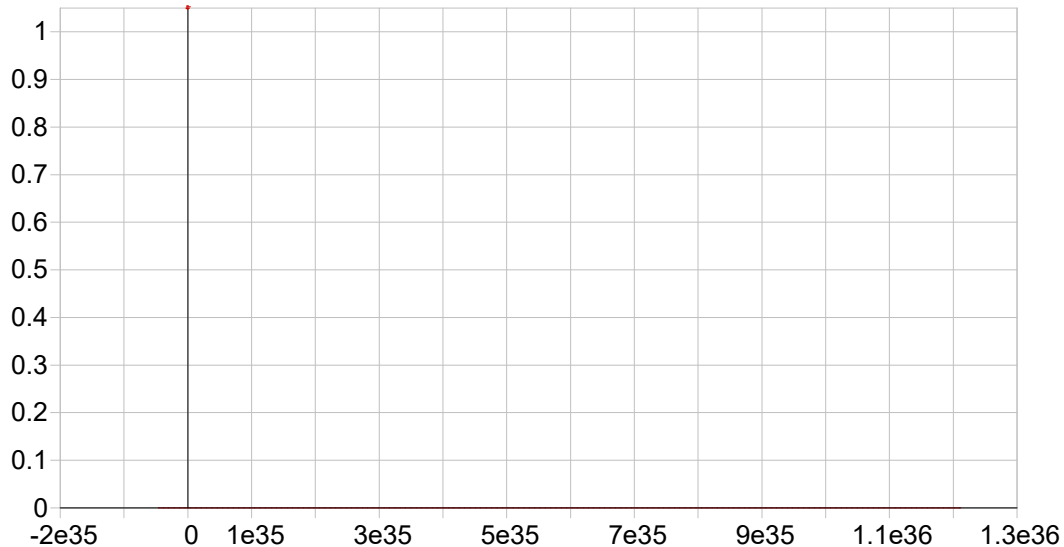
**Sr 407.771 { 83}**

Date of Fit: 10/12/2023 15:17:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002320 Re-Slope: 1.000000  
A1 (Gain): 12.166159 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999861 Status: OK.  
Std Error of Est: 0.004760  
Predicted MDL: 0.000063  
Predicted MQL: 0.000209

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00231 | .003    | 1        |
| S1        | .02000       | .02032      | .000       | 1.62    | .25080 | .002    | 1        |
| S3        | 2.5000       | 2.6036      | .104       | 4.14    | 31.709 | .407    | 1        |
| S4        | 5.0000       | 4.9529      | -.047      | -.942   | 60.321 | .251    | 1        |
| S5        | 10.000       | 9.9405      | -.060      | -.595   | 121.06 | 1.78    | 1        |
| S2        | .80000       | .80271      | .003       | .339    | 9.7780 | .055    | 1        |



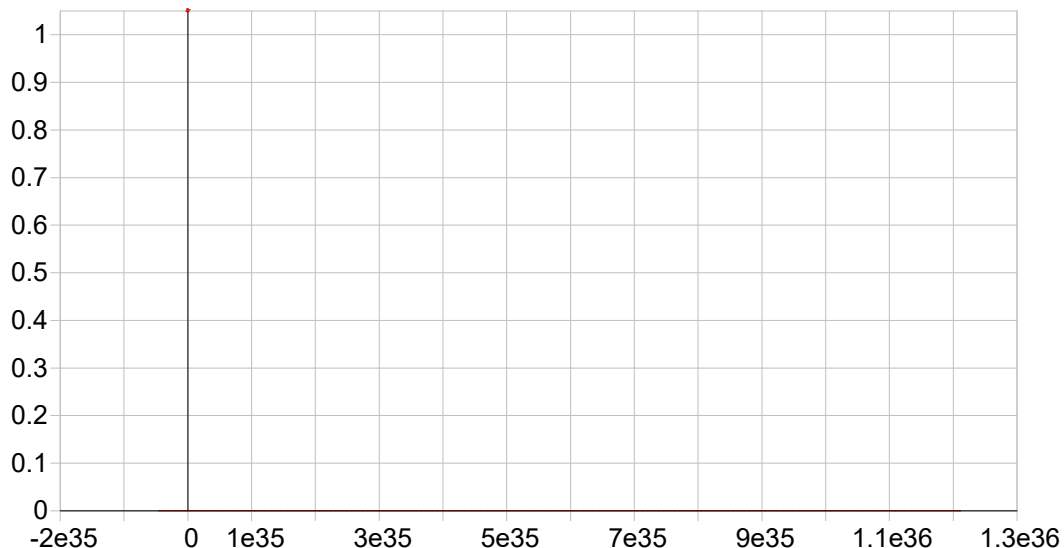


Y 224.306 {450}\*

Date of Fit: 10/12/2023 15:17:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 0.000000 |           |                        |
| n (Exponent):     | 1.000000 |           |                        |
| Correlation:      | 0.000000 | Status:   | Warning      Zero Gain |
| Std Error of Est: | 0.000000 |           |                        |
| Predicted MDL:    | n/a      |           |                        |
| Predicted MQL:    | n/a      |           |                        |

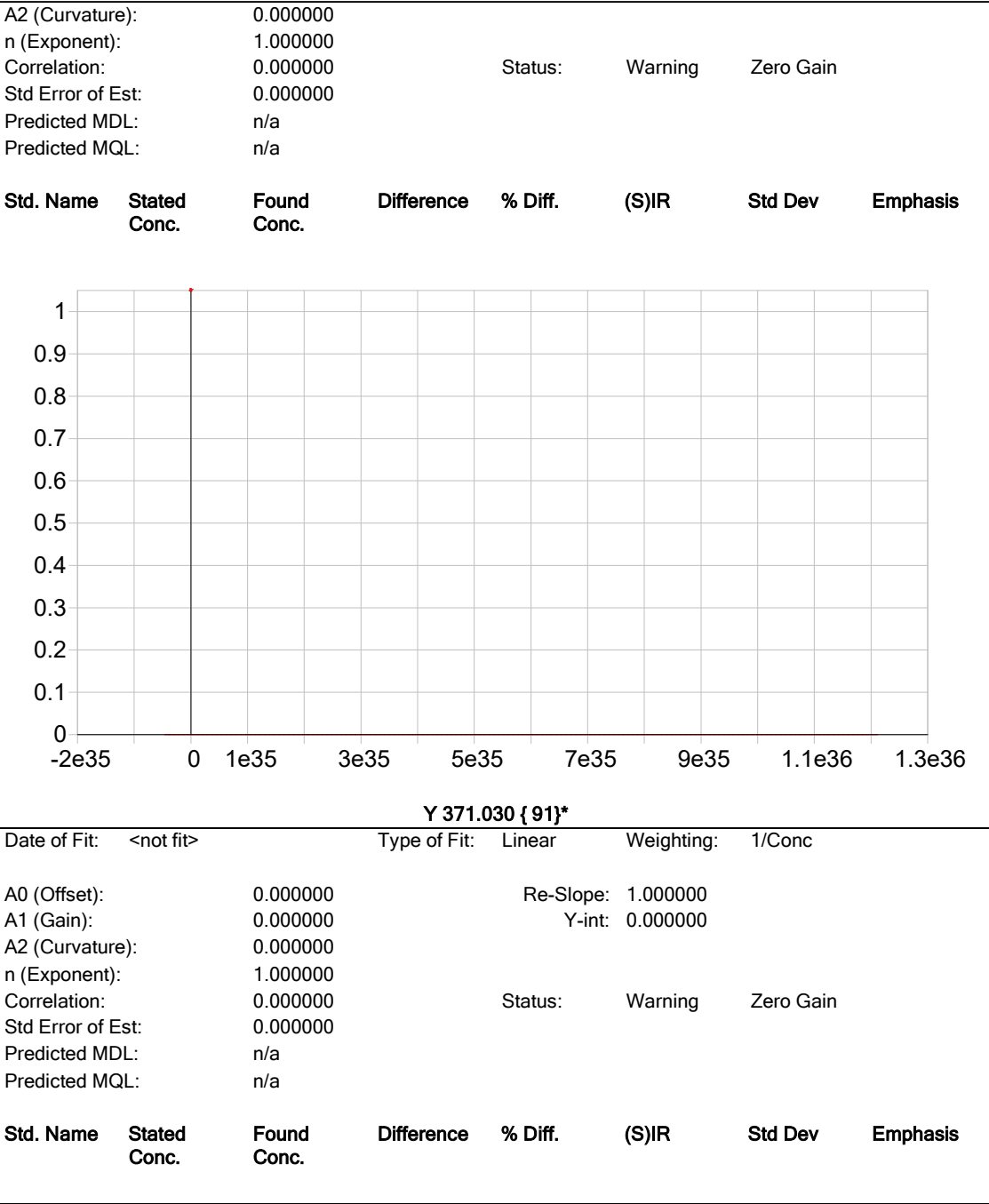
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

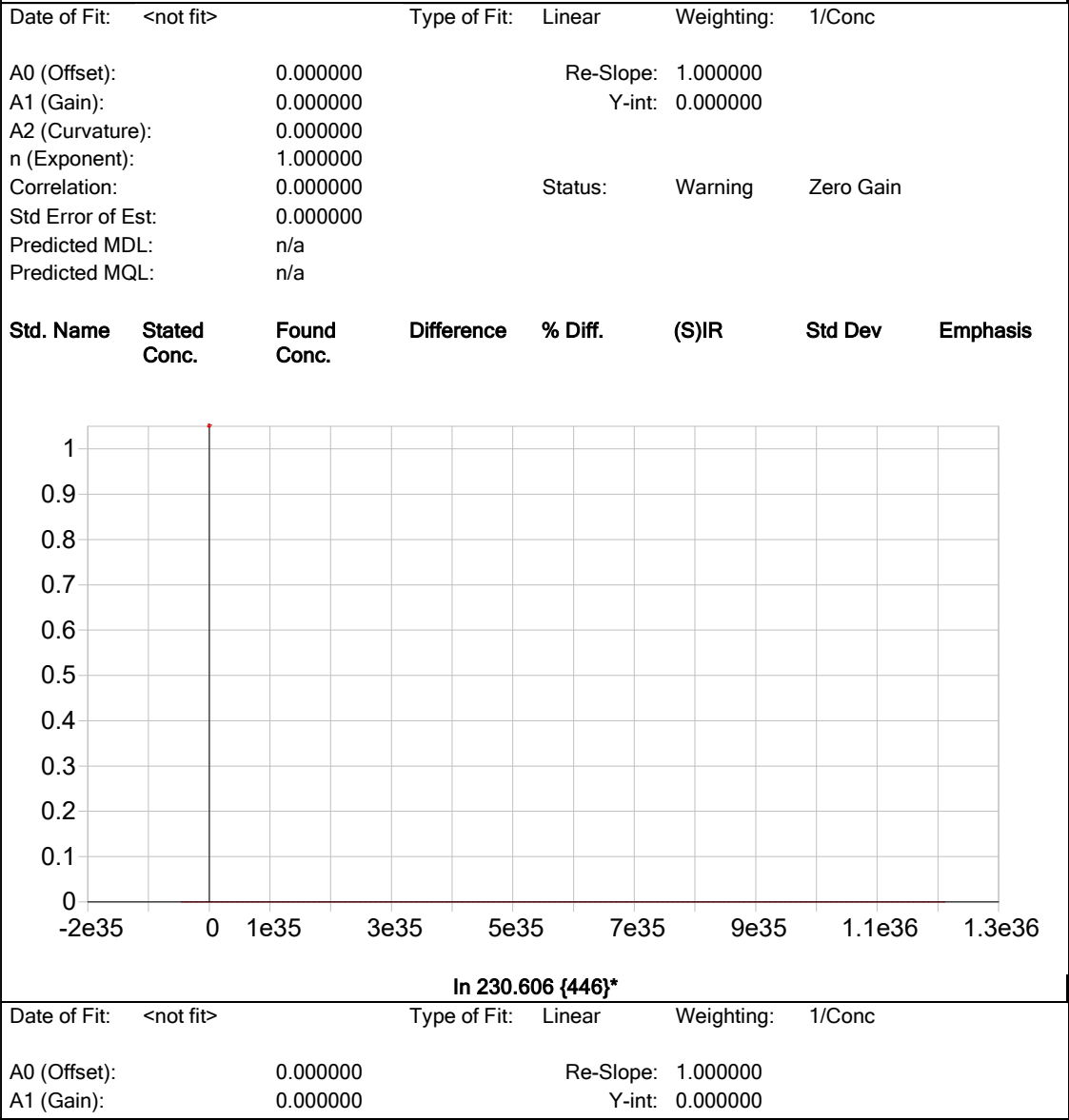
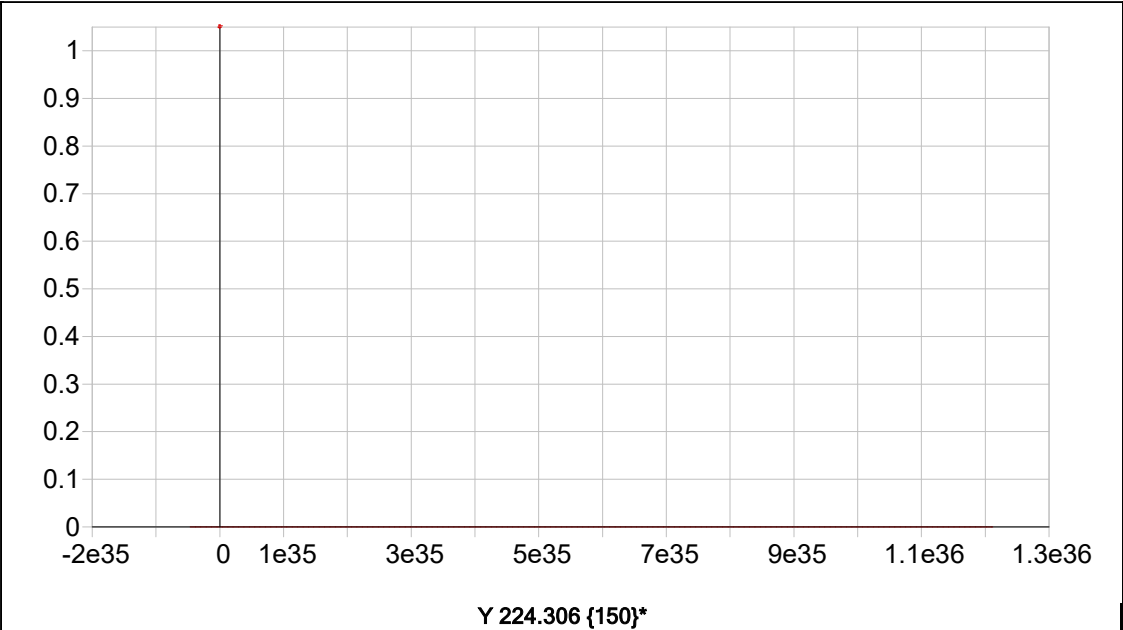


Y 360.073 { 94}\*

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

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





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

Sample Name: S0      Acquired: 10/12/2023 14:49:45      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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 | -.00002 | .00092 | -.00006 | .00020 | -.00032 | .07378 | .00083 |
| Stddev | .00006  | .00015  | .00049 | .00012  | .00009 | .00017  | .00299 | .00010 |
| %RSD   | 71.964  | 663.48  | 52.880 | 204.87  | 43.130 | 53.026  | 4.0591 | 12.523 |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00003 | -.00010 | .00093 | -.00013 | .00026 | -.00041 | .07103 | .00072 |
| #2 | -.00015 | -.00012 | .00043 | .00008  | .00010 | -.00012 | .07335 | .00091 |
| #3 | -.00009 | .00015  | .00141 | -.00013 | .00024 | -.00041 | .07697 | .00088 |

|        |        |        |        |        |         |         |        |         |
|--------|--------|--------|--------|--------|---------|---------|--------|---------|
| 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    | .00048 | .00138 | .00008 | .00039 | -.00074 | -.00000 | .00017 | -.00027 |
| Stddev | .00021 | .00213 | .00014 | .00006 | .00022  | .00002  | .00030 | .00046  |
| %RSD   | 43.965 | 154.03 | 172.77 | 16.189 | 29.708  | 399.91  | 179.16 | 170.32  |

|    |        |        |         |        |         |         |         |         |
|----|--------|--------|---------|--------|---------|---------|---------|---------|
| #1 | .00057 | .00384 | .00004  | .00045 | -.00051 | .00001  | .00010  | .00020  |
| #2 | .00064 | .00023 | -.00003 | .00040 | -.00075 | -.00000 | .00049  | -.00029 |
| #3 | .00024 | .00007 | .00024  | .00032 | -.00095 | -.00002 | -.00009 | -.00072 |

|        |         |         |        |         |        |         |        |        |
|--------|---------|---------|--------|---------|--------|---------|--------|--------|
| 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    | -.00158 | -.00187 | .00238 | -.00009 | .00262 | -.00102 | .00274 | .00032 |
| Stddev | .00022  | .00036  | .00042 | .00025  | .00037 | .00013  | .00013 | .00012 |
| %RSD   | 14.177  | 19.277  | 17.607 | 271.33  | 14.101 | 12.323  | 4.7433 | 36.274 |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00156 | -.00148 | .00282 | -.00003 | .00226 | -.00092 | .00287 | .00042 |
| #2 | -.00181 | -.00194 | .00233 | .00012  | .00300 | -.00098 | .00275 | .00019 |
| #3 | -.00136 | -.00219 | .00199 | -.00037 | .00260 | -.00116 | .00261 | .00035 |

|        |        |        |        |         |        |         |        |  |
|--------|--------|--------|--------|---------|--------|---------|--------|--|
| 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    | .00011 | .00263 | .00005 | -.00050 | .00021 | -.00166 | .00231 |  |
| Stddev | .00002 | .00040 | .00006 | .00009  | .00006 | .00074  | .00297 |  |
| %RSD   | 19.504 | 15.226 | 117.19 | 18.793  | 27.384 | 44.695  | 128.79 |  |

|    |        |        |        |         |        |         |        |  |
|----|--------|--------|--------|---------|--------|---------|--------|--|
| #1 | .00010 | .00293 | .00011 | -.00040 | .00026 | -.00199 | .00573 |  |
| #2 | .00013 | .00279 | .00001 | -.00051 | .00015 | -.00216 | .00031 |  |
| #3 | .00009 | .00217 | .00003 | -.00058 | .00021 | -.00081 | .00089 |  |

Sample Name: S0      Acquired: 10/12/2023 14:49:45      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 2169.3 | 40135. | 11506. | 1872.6 | 3001.2 |
| Stddev    | 2.7    | 43.    | 6.     | 9.5    | 4.4    |
| %RSD      | .12502 | .10686 | .05439 | .50833 | .14780 |
| #1        | 2172.4 | 40103. | 11513. | 1862.5 | 3006.3 |
| #2        | 2167.3 | 40120. | 11500. | 1881.3 | 2998.5 |
| #3        | 2168.3 | 40184. | 11505. | 1874.0 | 2998.9 |

Sample Name: S1      Acquired: 10/12/2023 14:59:53      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00058 | .00216 | .00357 | .00079 | .00686 | .00603 | .19347 | .02305 |
| Stddev | .00006 | .00018 | .00029 | .00023 | .00022 | .00048 | .00183 | .00011 |
| %RSD   | 10.482 | 8.4037 | 8.1163 | 28.777 | 3.2636 | 7.9714 | .94486 | .45701 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00065 | .00207 | .00350 | .00071 | .00663 | .00657 | .19452 | .02297 |
| #2 | .00056 | .00237 | .00333 | .00105 | .00708 | .00588 | .19453 | .02301 |
| #3 | .00053 | .00205 | .00390 | .00061 | .00687 | .00564 | .19136 | .02317 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01524 | .08105 | .00208 | .03051 | .01775 | .00044 | .01181 | .02867 |
| Stddev | .00028 | .00210 | .00011 | .00013 | .00033 | .00002 | .00001 | .00003 |
| %RSD   | 1.8683 | 2.5929 | 5.2717 | .41162 | 1.8800 | 3.4046 | .12521 | .11999 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01523 | .08342 | .00202 | .03063 | .01794 | .00046 | .01180 | .02871 |
| #2 | .01496 | .08034 | .00221 | .03052 | .01794 | .00044 | .01179 | .02865 |
| #3 | .01553 | .07940 | .00202 | .03038 | .01736 | .00043 | .01182 | .02865 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .02902 | .00233 | .07439 | .00295 | .09740 | .01202 | .02729 | .11734 |
| Stddev | .00044 | .00022 | .00045 | .00023 | .00097 | .00024 | .00026 | .00010 |
| %RSD   | 1.5150 | 9.2406 | .60012 | 7.7813 | .99479 | 1.9664 | .93917 | .08344 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02952 | .00258 | .07473 | .00303 | .09724 | .01178 | .02716 | .11742 |
| #2 | .02871 | .00220 | .07455 | .00269 | .09651 | .01225 | .02713 | .11723 |
| #3 | .02882 | .00221 | .07388 | .00313 | .09843 | .01204 | .02759 | .11737 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| 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    | .00376 | .01445 | .00287 | -.00018 | .00067 | .00849 | .25080 |  |
| Stddev | .00009 | .00037 | .00003 | .00009  | .00009 | .00073 | .00225 |  |
| %RSD   | 2.2740 | 2.5730 | 1.0378 | 47.843  | 13.720 | 8.6022 | .89861 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00366 | .01406 | .00284 | -.00029 | .00077 | .00801 | .25337 |  |
| #2 | .00379 | .01450 | .00290 | -.00013 | .00066 | .00933 | .24988 |  |
| #3 | .00382 | .01480 | .00288 | -.00014 | .00059 | .00812 | .24916 |  |

Sample Name: S1      Acquired: 10/12/2023 14:59:53      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 2141.2 | 39576. | 11445. | 1853.9 | 2947.6 |
| Stddev    | 2.7    | 17.    | 38.    | 9.2    | 2.1    |
| %RSD      | .12767 | .04240 | .32875 | .49425 | .07176 |
| #1        | 2140.1 | 39594. | 11402. | 1851.9 | 2946.4 |
| #2        | 2144.3 | 39571. | 11471. | 1863.9 | 2950.0 |
| #3        | 2139.2 | 39562. | 11462. | 1845.9 | 2946.3 |



Sample Name: S2      Acquired: 10/12/2023 15:03:54      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.02792</b> | <b>.05252</b> | <b>.19619</b> | <b>.03929</b> | <b>.11036</b> | <b>.09405</b> | <b>2.1008</b> | <b>.15866</b> |
| Stddev | .00019        | .00015        | .00114        | .00004        | .00054        | .00026        | .0130         | .00107        |
| %RSD   | .66509        | .28235        | .58023        | .10880        | .49361        | .28122        | .61710        | .67214        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.02794</b> | <b>.05241</b> | <b>.19508</b> | <b>.03930</b> | <b>.10976</b> | <b>.09376</b> | <b>2.0862</b> | <b>.15850</b> |
| #2 | <b>.02773</b> | <b>.05269</b> | <b>.19615</b> | <b>.03933</b> | <b>.11082</b> | <b>.09412</b> | <b>2.1050</b> | <b>.15768</b> |
| #3 | <b>.02810</b> | <b>.05245</b> | <b>.19735</b> | <b>.03925</b> | <b>.11050</b> | <b>.09428</b> | <b>2.1111</b> | <b>.15980</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.0069</b> | <b>.16014</b> | <b>.03422</b> | <b>.41984</b> | <b>.18416</b> | <b>.00377</b> | <b>.23312</b> | <b>.05508</b> |
| Stddev | .0007         | .00156        | .00005        | .00104        | .00022        | .00008        | .00170        | .00064        |
| %RSD   | .07215        | .97643        | .13490        | .24873        | .12143        | 2.1334        | .72950        | 1.1679        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.0069</b> | <b>.16183</b> | <b>.03417</b> | <b>.42101</b> | <b>.18440</b> | <b>.00369</b> | <b>.23145</b> | <b>.05434</b> |
| #2 | <b>1.0061</b> | <b>.15986</b> | <b>.03426</b> | <b>.41948</b> | <b>.18413</b> | <b>.00384</b> | <b>.23305</b> | <b>.05544</b> |
| #3 | <b>1.0076</b> | <b>.15874</b> | <b>.03422</b> | <b>.41902</b> | <b>.18396</b> | <b>.00379</b> | <b>.23485</b> | <b>.05547</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.32076</b> | <b>.08048</b> | <b>.15549</b> | <b>.03317</b> | <b>.97531</b> | <b>.02641</b> | <b>.21183</b> | <b>.44566</b> |
| Stddev | .00021        | .00043        | .00063        | .00031        | .00244        | .00051        | .00090        | .00070        |
| %RSD   | .06553        | .53148        | .40483        | .94058        | .25042        | 1.9386        | .42341        | .15699        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.32096</b> | <b>.08076</b> | <b>.15481</b> | <b>.03299</b> | <b>.97718</b> | <b>.02654</b> | <b>.21079</b> | <b>.44495</b> |
| #2 | <b>.32078</b> | <b>.07998</b> | <b>.15562</b> | <b>.03298</b> | <b>.97621</b> | <b>.02585</b> | <b>.21238</b> | <b>.44569</b> |
| #3 | <b>.32054</b> | <b>.08068</b> | <b>.15604</b> | <b>.03353</b> | <b>.97255</b> | <b>.02685</b> | <b>.21231</b> | <b>.44635</b> |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.07434</b> | <b>.25013</b> | <b>.00592</b> | <b>.01557</b> | <b>.01903</b> | <b>.41297</b> | <b>9.7780</b> |
| Stddev | .00002        | .00128        | .00007        | .00016        | .00015        | .00325        | .0547         |
| %RSD   | .02935        | .51149        | 1.1699        | 1.0008        | .79099        | .78684        | .55907        |

|    |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.07435</b> | <b>.24875</b> | <b>.00600</b> | <b>.01539</b> | <b>.01909</b> | <b>.40925</b> | <b>9.7162</b> |
| #2 | <b>.07431</b> | <b>.25128</b> | <b>.00588</b> | <b>.01566</b> | <b>.01886</b> | <b>.41444</b> | <b>9.7978</b> |
| #3 | <b>.07434</b> | <b>.25035</b> | <b>.00588</b> | <b>.01566</b> | <b>.01914</b> | <b>.41523</b> | <b>9.8200</b> |

Sample Name: S2      Acquired: 10/12/2023 15:03:54      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 2078.2 | 37850. | 11091. | 1784.2 | 2802.0 |
| Stddev    | 3.2    | 120.   | 31.    | 2.8    | 7.3    |
| %RSD      | .15214 | .31631 | .27746 | .15752 | .26165 |
| #1        | 2075.2 | 37716. | 11067. | 1781.0 | 2793.6 |
| #2        | 2078.0 | 37948. | 11126. | 1786.1 | 2807.3 |
| #3        | 2081.5 | 37886. | 11080. | 1785.5 | 2805.2 |

Sample Name: S3      Acquired: 10/12/2023 15:07:43      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.08985</b> | <b>.16909</b> | <b>.63700</b> | <b>.12594</b> | <b>.35698</b> | <b>.30305</b> | <b>6.7586</b> | <b>.50644</b> |
| Stddev | .00020        | .00063        | .00205        | .00018        | .00063        | .00068        | .0177         | .00333        |
| %RSD   | .22418        | .37369        | .32256        | .14178        | .17661        | .22574        | .26126        | .65739        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.08979</b> | <b>.16958</b> | <b>.63518</b> | <b>.12589</b> | <b>.35692</b> | <b>.30227</b> | <b>6.7403</b> | <b>.50561</b> |
| #2 | <b>.09008</b> | <b>.16931</b> | <b>.63659</b> | <b>.12579</b> | <b>.35638</b> | <b>.30333</b> | <b>6.7598</b> | <b>.50360</b> |
| #3 | <b>.08969</b> | <b>.16837</b> | <b>.63923</b> | <b>.12614</b> | <b>.35763</b> | <b>.30355</b> | <b>6.7756</b> | <b>.51010</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.2480</b> | <b>.51218</b> | <b>.10970</b> | <b>1.3720</b> | <b>.58908</b> | <b>.01228</b> | <b>.75507</b> | <b>.17765</b> |
| Stddev | .0063         | .00087        | .00022        | .0026         | .00228        | .00001        | .00436        | .00064        |
| %RSD   | .19251        | .16989        | .19602        | .19241        | .38641        | .06666        | .57775        | .36184        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>3.2413</b> | <b>.51201</b> | <b>.10951</b> | <b>1.3694</b> | <b>.58730</b> | <b>.01228</b> | <b>.75250</b> | <b>.17732</b> |
| #2 | <b>3.2491</b> | <b>.51140</b> | <b>.10994</b> | <b>1.3720</b> | <b>.59164</b> | <b>.01227</b> | <b>.75261</b> | <b>.17724</b> |
| #3 | <b>3.2537</b> | <b>.51311</b> | <b>.10967</b> | <b>1.3747</b> | <b>.58829</b> | <b>.01229</b> | <b>.76011</b> | <b>.17839</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.0464</b> | <b>.26042</b> | <b>.48817</b> | <b>.10850</b> | <b>3.1137</b> | <b>.08728</b> | <b>.67408</b> | <b>1.4386</b> |
| Stddev | .0018         | .00013        | .00254        | .00042        | .0173         | .00017        | .00450        | .0001         |
| %RSD   | .17345        | .04906        | .52019        | .38847        | .55476        | .19259        | .66782        | .00936        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.0449</b> | <b>.26030</b> | <b>.48661</b> | <b>.10819</b> | <b>3.1111</b> | <b>.08724</b> | <b>.67209</b> | <b>1.4385</b> |
| #2 | <b>1.0457</b> | <b>.26042</b> | <b>.49110</b> | <b>.10898</b> | <b>3.1322</b> | <b>.08746</b> | <b>.67091</b> | <b>1.4388</b> |
| #3 | <b>1.0484</b> | <b>.26055</b> | <b>.48680</b> | <b>.10833</b> | <b>3.0979</b> | <b>.08713</b> | <b>.67923</b> | <b>1.4385</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.24379</b> | <b>.80421</b> | <b>.01867</b> | <b>.05303</b> | <b>.06266</b> | <b>1.3337</b> | <b>31.709</b> |  |
| Stddev | .00009        | .00306        | .00002        | .00022        | .00028        | .0048         | .407          |  |
| %RSD   | .03551        | .38057        | .12778        | .42066        | .44229        | .36180        | 1.2837        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.24369</b> | <b>.80167</b> | <b>.01867</b> | <b>.05279</b> | <b>.06265</b> | <b>1.3296</b> | <b>31.239</b> |  |
| #2 | <b>.24383</b> | <b>.80334</b> | <b>.01869</b> | <b>.05322</b> | <b>.06239</b> | <b>1.3326</b> | <b>31.936</b> |  |
| #3 | <b>.24385</b> | <b>.80761</b> | <b>.01864</b> | <b>.05308</b> | <b>.06295</b> | <b>1.3390</b> | <b>31.951</b> |  |

Sample Name: S3      Acquired: 10/12/2023 15:07:43      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 2044.8 | 37807. | 11069. | 1776.5 | 2699.7 |
| Stddev    | 2.8    | 76.    | 47.    | 11.1   | 2.5    |
| %RSD      | .13662 | .20114 | .42446 | .62477 | .09404 |
| #1        | 2041.6 | 37769. | 11068. | 1773.1 | 2701.7 |
| #2        | 2046.7 | 37758. | 11117. | 1767.5 | 2700.6 |
| #3        | 2046.0 | 37895. | 11023. | 1788.9 | 2696.9 |

Sample Name: S4      Acquired: 10/12/2023 15:11:36      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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    | .17416 | .32839 | 1.2333 | .24048 | .67916 | .57175 | 12.613 | .94653 |
| Stddev | .00012 | .00073 | .0042  | .00031 | .00033 | .00060 | .050   | .00274 |
| %RSD   | .06609 | .22273 | .33777 | .12708 | .04851 | .10487 | .39594 | .28954 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17429 | .32805 | 1.2309 | .24026 | .67896 | .57105 | 12.557 | .94901 |
| #2 | .17413 | .32788 | 1.2308 | .24036 | .67899 | .57207 | 12.654 | .94699 |
| #3 | .17406 | .32923 | 1.2381 | .24083 | .67954 | .57212 | 12.628 | .94359 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 6.2965 | .96540 | .20882 | 2.6350 | 1.1137 | .02332 | 1.4273 | .33879 |
| Stddev | .0219  | .00057 | .00108 | .0079  | .0017  | .00017 | .0033  | .00131 |
| %RSD   | .34706 | .05864 | .51603 | .30055 | .15469 | .71659 | .23049 | .38749 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.2810 | .96563 | .20841 | 2.6313 | 1.1151 | .02317 | 1.4236 | .33727 |
| #2 | 6.2869 | .96475 | .21004 | 2.6296 | 1.1118 | .02350 | 1.4284 | .33958 |
| #3 | 6.3215 | .96581 | .20801 | 2.6441 | 1.1141 | .02328 | 1.4299 | .33951 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.0108 | .49374 | .93246 | .20603 | 5.8707 | .16955 | 1.2514 | 2.7287 |
| Stddev | .0051  | .00273 | .00352 | .00035 | .0256  | .00123 | .0019  | .0039  |
| %RSD   | .25309 | .55375 | .37719 | .16788 | .43666 | .72251 | .15164 | .14272 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0082 | .49280 | .92915 | .20642 | 5.8557 | .16830 | 1.2535 | 2.7288 |
| #2 | 2.0075 | .49681 | .93615 | .20578 | 5.9003 | .17075 | 1.2507 | 2.7248 |
| #3 | 2.0166 | .49159 | .93209 | .20588 | 5.8560 | .16960 | 1.2499 | 2.7326 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .47686 | 1.5196 | .03506 | .10619 | .12437 | 2.5670 | 60.321 |  |
| Stddev | .00212 | .0013  | .00029 | .00038 | .00047 | .0025  | .251   |  |
| %RSD   | .44368 | .08730 | .83507 | .35745 | .37650 | .09693 | .41551 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .47541 | 1.5197 | .03473 | .10582 | .12382 | 2.5698 | 60.610 |  |
| #2 | .47588 | 1.5209 | .03522 | .10616 | .12465 | 2.5663 | 60.193 |  |
| #3 | .47928 | 1.5182 | .03524 | .10658 | .12462 | 2.5650 | 60.160 |  |

Sample Name: S4      Acquired: 10/12/2023 15:11:36      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 2006.9 | 37416. | 11071. | 1761.4 | 2593.3 |
| Stddev    | 3.1    | 122.   | 22.    | 6.1    | 8.3    |
| %RSD      | .15535 | .32486 | .20148 | .34418 | .31829 |
| #1        | 2006.1 | 37487. | 11046. | 1763.4 | 2597.5 |
| #2        | 2010.4 | 37275. | 11080. | 1754.5 | 2598.6 |
| #3        | 2004.3 | 37485. | 11088. | 1766.1 | 2583.8 |

Sample Name: S5      Acquired: 10/12/2023 15:15:35      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.35701</b> | <b>.67301</b> | <b>2.5320</b> | <b>.50243</b> | <b>1.3860</b> | <b>1.1611</b> | <b>25.691</b> | <b>1.8887</b> |
| Stddev | .00053        | .00130        | .0035         | .00059        | .0037         | .0043         | .219          | .0064         |
| %RSD   | .14723        | .19243        | .13745        | .11667        | .26821        | .37426        | .85190        | .33859        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35662 | .67151 | 2.5280 | .50229 | 1.3828 | 1.1567 | 25.551 | 1.8844 |
| #2 | .35681 | .67368 | 2.5344 | .50193 | 1.3901 | 1.1613 | 25.943 | 1.8856 |
| #3 | .35761 | .67383 | 2.5336 | .50308 | 1.3851 | 1.1654 | 25.579 | 1.8961 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>13.035</b> | <b>1.9434</b> | <b>.41032</b> | <b>5.4129</b> | <b>2.2455</b> | <b>.04563</b> | <b>2.8708</b> | <b>.68609</b> |
| Stddev | .019          | .0085         | .00108        | .0073         | .0036         | .00013        | .0208         | .00538        |
| %RSD   | .14663        | .43896        | .26346        | .13521        | .16139        | .28817        | .72519        | .78418        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 13.013 | 1.9338 | .41150 | 5.4047 | 2.2450 | .04560 | 2.8484 | .68129 |
| #2 | 13.049 | 1.9466 | .41006 | 5.4188 | 2.2493 | .04577 | 2.8745 | .68508 |
| #3 | 13.044 | 1.9499 | .40938 | 5.4150 | 2.2421 | .04551 | 2.8895 | .69190 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>4.1151</b> | <b>.97556</b> | <b>1.8620</b> | <b>.41708</b> | <b>11.358</b> | <b>.33852</b> | <b>2.5744</b> | <b>5.4906</b> |
| Stddev | .0068         | .00283        | .0051         | .00198        | .028          | .00021        | .0072         | .0046         |
| %RSD   | .16518        | .29005        | .27232        | .47483        | .24383        | .06308        | .27940        | .08419        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1081 | .97845 | 1.8663 | .41496 | 11.373 | .33866 | 2.5668 | 5.4853 |
| #2 | 4.1217 | .97544 | 1.8632 | .41741 | 11.326 | .33827 | 2.5753 | 5.4925 |
| #3 | 4.1157 | .97279 | 1.8564 | .41888 | 11.375 | .33863 | 2.5811 | 5.4940 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.97682</b> | <b>3.0946</b> | <b>.06882</b> | <b>.22359</b> | <b>.26332</b> | <b>5.3511</b> | <b>121.06</b> |  |
| Stddev | .00133        | .0109         | .00040        | .00056        | .00062        | .0137         | 1.78          |  |
| %RSD   | .13572        | .35315        | .58071        | .25022        | .23672        | .25580        | 1.4713        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .97536 | 3.0830 | .06837 | .22331 | .26403 | 5.3363 | 119.00 |  |
| #2 | .97793 | 3.0962 | .06896 | .22423 | .26306 | 5.3538 | 122.05 |  |
| #3 | .97718 | 3.1047 | .06913 | .22322 | .26287 | 5.3633 | 122.13 |  |

Sample Name: S5      Acquired: 10/12/2023 15:15:35      Type: Cal  
Method: NON EPA-6010-200.7(v2034)      Mode: IR      Corr. Factor: 1.000000  
User: Bin      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       | 1958.3 | 38036. | 10917. | 1755.5 | 2469.7 |
| Stddev    | 1.7    | 185.   | 4.     | 4.4    | 3.3    |
| %RSD      | .08590 | .48709 | .03797 | .25275 | .13396 |
| #1        | 1958.5 | 37853. | 10920. | 1750.4 | 2471.6 |
| #2        | 1956.6 | 38030. | 10912. | 1758.1 | 2465.9 |
| #3        | 1960.0 | 38224. | 10919. | 1758.0 | 2471.6 |



Sample Name: ICV01      Acquired: 10/12/2023 15:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9992948 | .9981310 | .9830125 | .9695216 | .9606311 | 2.550386 |
| Stddev | .0046568 | .0079127 | .0024625 | .0018968 | .0063680 | .007602  |
| %RSD   | .4660120 | .7927562 | .2505014 | .1956384 | .6628989 | .2980844 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9992335 | .9898023 | .9813239 | .9675282 | .9567631 | 2.550666 |
| #2 | 1.003982 | .9990419 | .9818755 | .9697324 | .9571494 | 2.557845 |
| #3 | .994669  | 1.005549 | .9858380 | .9713041 | .9679809 | 2.542648 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4961075 | .4986363 | .4914080 | 10.14221 | .5219607 | .4969608 |
| Stddev | .0048056 | .0042605 | .0016940 | .01915   | .0014201 | .0020963 |
| %RSD   | .9686652 | .8544328 | .3447278 | .1888251 | .2720717 | .4218321 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4925234 | .5024768 | .4898524 | 10.12561 | .5217571 | .4949614 |
| #2 | .5015683 | .4993787 | .4911588 | 10.16316 | .5206534 | .4967787 |
| #3 | .4942307 | .4940534 | .4932128 | 10.13787 | .5234716 | .4991422 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5136336 | 9.919652 | .5184706 | 5.920554 | F .4994300 | F .2345338 |
| Stddev | .0012770 | .134326  | .0016104 | .028589  | .0011298   | .0005443   |
| %RSD   | .2486144 | 1.354142 | .3105963 | .4828786 | .2262159   | .2320796   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5125403 | 9.785711 | .5166279 | 5.896585 | .4982184 | .2350111 |
| #2 | .5133234 | 9.918886 | .5196078 | 5.952197 | .4996168 | .2339411 |
| #3 | .5150371 | 10.05436 | .5191761 | 5.912880 | .5004547 | .2346494 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.737832 | .4983816 | 1.024676 | 9.741624 | F 2.269519 | 2.394935 |
| Stddev | .093810  | .0014729 | .000719  | .113174  | .020415    | .023012  |
| %RSD   | .9633575 | .2955405 | .0702119 | 1.161754 | .8995194   | .9608427 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.647642 | .4985792 | 1.024668 | 9.668478 | 2.286085 | 2.371949 |
| #2 | 9.730967 | .4997457 | 1.023961 | 9.684413 | 2.275759 | 2.394884 |
| #3 | 9.834886 | .4968199 | 1.025400 | 9.871982 | 2.246712 | 2.417972 |

Sample Name: ICV01      Acquired: 10/12/2023 15:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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    | <b>F 2.287760</b> | <b>F 2.327526</b> | <b>F 2.293333</b> | <b>F -.001284</b> | <b>F .0122189</b> | <b>F .0021384</b> |
| Stddev | .024266           | .012679           | .035166           | .003126           | .0042722          | .0012232          |
| %RSD   | 1.060688          | .5447341          | 1.533404          | 243.4064          | 34.96363          | 57.20005          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.263235 | 2.312954 | 2.266654 | -.003591 | .0157663 | .0032236 |
| #2 | 2.288285 | 2.333587 | 2.280162 | -.002536 | .0134140 | .0023787 |
| #3 | 2.311759 | 2.336036 | 2.333183 | .002274  | .0074765 | .0008129 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .4451639</b> |
| Stddev | .0013467          |
| %RSD   | .3025081          |

|    |          |
|----|----------|
| #1 | .4436109 |
| #2 | .4458727 |
| #3 | .4460082 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2099.044</b> | <b>38963.47</b> | <b>11317.68</b> | <b>1830.058</b> | <b>2824.029</b> |
| Stddev    | 1.561           | 147.82          | 56.70           | 2.668           | 1.922           |
| %RSD      | .0743806        | .3793825        | .5009463        | .1457848        | .0680753        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2099.417 | 39056.86 | 11267.14 | 1832.372 | 2825.724 |
| #2 | 2100.386 | 39040.52 | 11306.90 | 1830.663 | 2824.424 |
| #3 | 2097.331 | 38793.05 | 11378.99 | 1827.140 | 2821.940 |

Sample Name: LLICV01      Acquired: 10/12/2023 15:23:13      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0213701</b> | <b>.0380490</b> | <b>.0120191</b> | <b>.0214454</b> | <b>.0529325</b> | <b>.1088153</b> |
| Stddev | .0063324        | .0013311        | .0006628        | .0011202        | .0014105        | .0007442        |
| %RSD   | 29.63192        | 3.498477        | 5.514561        | 5.223522        | 2.664755        | .6839131        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0286373</b> | <b>.0365222</b> | <b>.0123168</b> | <b>.0216254</b> | <b>.0531971</b> | <b>.1093405</b> |
| #2 | <b>.0170368</b> | <b>.0389655</b> | <b>.0124807</b> | <b>.0202461</b> | <b>.0541919</b> | <b>.1079637</b> |
| #3 | <b>.0184361</b> | <b>.0386594</b> | <b>.0112596</b> | <b>.0224647</b> | <b>.0514084</b> | <b>.1091417</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0931901</b> | <b>.0061440</b> | <b>.0060252</b> | <b>2.050828</b> | <b>.0095163</b> | <b>.0288692</b> |
| Stddev | .0021245        | .0000282        | .0000905        | .039056         | .0005874        | .0002265        |
| %RSD   | 2.279787        | .4597187        | 1.501254        | 1.904418        | 6.172657        | .7845299        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0908496</b> | <b>.0061116</b> | <b>.0060099</b> | <b>2.095814</b> | <b>.0093343</b> | <b>.0288696</b> |
| #2 | <b>.0949969</b> | <b>.0061566</b> | <b>.0059434</b> | <b>2.025583</b> | <b>.0101732</b> | <b>.0286426</b> |
| #3 | <b>.0937239</b> | <b>.0061637</b> | <b>.0061223</b> | <b>2.031086</b> | <b>.0090414</b> | <b>.0290956</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0219857</b> | <b>.1028829</b> | <b>.0205293</b> | <b>2.120380</b> | <b>.0391401</b> | <b>.0108270</b> |
| Stddev | .0001902        | .0035622        | .0003918        | .025352         | .0001830        | .0002440        |
| %RSD   | .8652767        | 3.462427        | 1.908604        | 1.195652        | .4675061        | 2.253286        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0220838</b> | <b>.1051832</b> | <b>.0200806</b> | <b>2.093494</b> | <b>.0390850</b> | <b>.0110756</b> |
| #2 | <b>.0217665</b> | <b>.0987796</b> | <b>.0207033</b> | <b>2.123794</b> | <b>.0393443</b> | <b>.0108177</b> |
| #3 | <b>.0221069</b> | <b>.1046860</b> | <b>.0208041</b> | <b>2.143852</b> | <b>.0389910</b> | <b>.0105879</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.038299</b> | <b>.0405784</b> | <b>.0426927</b> | <b>1.967173</b> | <b>.1156860</b> | <b>.2149429</b> |
| Stddev | .019737         | .0020103        | .0003563        | .043304         | .0009422        | .0012278        |
| %RSD   | .9683079        | 4.954116        | .8346678        | 2.201343        | .8144735        | .5712384        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.051218</b> | <b>.0416423</b> | <b>.0423328</b> | <b>1.937535</b> | <b>.1163954</b> | <b>.2155204</b> |
| #2 | <b>2.048100</b> | <b>.0382597</b> | <b>.0430454</b> | <b>1.947113</b> | <b>.1146169</b> | <b>.2135328</b> |
| #3 | <b>2.015580</b> | <b>.0418332</b> | <b>.0426998</b> | <b>2.016869</b> | <b>.1160456</b> | <b>.2157755</b> |

Sample Name: LLICV01      Acquired: 10/12/2023 15:23:13      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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    | <b>.0364848</b> | <b>.0382077</b> | <b>.4285770</b> | <b>F .0102318</b> | <b>.0187158</b> | <b>.0216417</b> |
| Stddev | .0016238        | .0006699        | .0019484        | .0013300          | .0032797        | .0019512        |
| %RSD   | 4.450740        | 1.753189        | .4546288        | 12.99875          | 17.52377        | 9.016063        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0373208 | .0388803 | .4307022 | .0115483 | .0223979 | .0233374 |
| #2 | .0375204 | .0382023 | .4281539 | .0088887 | .0161080 | .0220785 |
| #3 | .0346133 | .0375407 | .4268749 | .0102585 | .0176415 | .0195090 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0209766</b> |
| Stddev | .0000795        |
| %RSD   | .3791343        |

|    |          |
|----|----------|
| #1 | .0210342 |
| #2 | .0208858 |
| #3 | .0210096 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2057.247</b> | <b>37548.57</b> | <b>10999.96</b> | <b>1777.865</b> | <b>2796.335</b> |
| Stddev    | 3.845           | 122.73          | 56.93           | 2.276           | 3.241           |
| %RSD      | .1869118        | .3268684        | .5175511        | .1280280        | .1158843        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2053.113 | 37432.88 | 11028.57 | 1778.581 | 2793.630 |
| #2 | 2060.718 | 37535.53 | 11036.91 | 1775.318 | 2799.927 |
| #3 | 2057.909 | 37677.31 | 10934.40 | 1779.698 | 2795.449 |

Sample Name: ICB01      Acquired: 10/12/2023 15:27:13      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001825</b> | <b>.0004971</b> | <b>-.000640</b> | <b>.0015444</b> | <b>-.001437</b> | <b>.0033447</b> |
| Stddev | .002353         | .0012452        | .001338         | .0013984        | .000698         | .0029553        |
| %RSD   | 128.9426        | 250.5052        | 208.9566        | 90.54572        | 48.58746        | 88.35821        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000748</b> | <b>.0002433</b> | <b>-.002180</b> | <b>.0000383</b> | <b>-.002125</b> | <b>.0049863</b> |
| #2 | <b>-.000203</b> | <b>.0018496</b> | <b>.000023</b>  | <b>.0017932</b> | <b>-.001456</b> | <b>-.000067</b> |
| #3 | <b>-.004523</b> | <b>-.000602</b> | <b>.000237</b>  | <b>.0028017</b> | <b>-.000729</b> | <b>.005115</b>  |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002658</b> | <b>.0000243</b> | <b>.0000371</b> | <b>.0035617</b> | <b>-.000036</b> | <b>-.000187</b> |
| Stddev | .002461         | .0000278        | .0000383        | .0532631        | .000103         | .000119         |
| %RSD   | 92.57296        | 114.4995        | 103.3068        | 1495.429        | 284.1736        | 63.75382        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005386</b> | <b>.0000489</b> | <b>.0000472</b> | <b>.0650416</b> | <b>-.000131</b> | <b>-.000191</b> |
| #2 | <b>-.001982</b> | <b>-.000006</b> | <b>-.000005</b> | <b>-.025720</b> | <b>-.000052</b> | <b>-.000304</b> |
| #3 | <b>-.000606</b> | <b>.000030</b>  | <b>.000069</b>  | <b>-.028636</b> | <b>.000074</b>  | <b>-.000066</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0002084</b> | <b>-.004651</b> | <b>-.000384</b> | <b>-.004535</b> | <b>.0001985</b> | <b>.0007592</b> |
| Stddev | .0003513        | .010175         | .000339         | .021771         | .0003990        | .0004462        |
| %RSD   | 168.6046        | 218.7522        | 88.10044        | 480.0385        | 201.0158        | 58.77926        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0004825</b> | <b>-.009192</b> | <b>-.000012</b> | <b>.010406</b>  | <b>.0006089</b> | <b>.0002484</b> |
| #2 | <b>-.000188</b> | <b>-.011766</b> | <b>-.000467</b> | <b>.005502</b>  | <b>-.000188</b> | <b>.0009555</b> |
| #3 | <b>.000330</b>  | <b>.007004</b>  | <b>-.000674</b> | <b>-.029515</b> | <b>.000175</b>  | <b>.0010737</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.019674</b> | <b>-.001415</b> | <b>-.000050</b> | <b>.0720712</b> | <b>.0047439</b> | <b>.0007020</b> |
| Stddev | .011872         | .001765         | .000283         | .0252562        | .0007107        | .0003397        |
| %RSD   | 60.34631        | 124.7298        | 564.9210        | 35.04337        | 14.98207        | 48.38507        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006234</b> | <b>-.003208</b> | <b>-.000102</b> | <b>.0774388</b> | <b>.0053043</b> | <b>.0009081</b> |
| #2 | <b>-.028735</b> | <b>.000321</b>  | <b>-.000303</b> | <b>.0445627</b> | <b>.0039445</b> | <b>.0008880</b> |
| #3 | <b>-.024051</b> | <b>-.001359</b> | <b>.000255</b>  | <b>.0942120</b> | <b>.0049830</b> | <b>.0003100</b> |

Sample Name: ICB01      Acquired: 10/12/2023 15:27:13      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0005152 | -.001258 | .0011931 | F -.010180 | -.000792 | -.003179 |
| Stddev | .0005953 | .000570  | .0078372 | .004262    | .006398  | .000564  |
| %RSD   | 115.5429 | 45.28318 | 656.8847 | 41.86629   | 808.2414 | 17.74729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000091 | -.001316 | -.000689 | -.005717 | .006386  | -.002531 |
| #2 | .001099  | -.000662 | -.005532 | -.014208 | -.005894 | -.003560 |
| #3 | .000537  | -.001797 | .009800  | -.010615 | -.002867 | -.003447 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000139 |
| Stddev | .0002461 |
| %RSD   | 1768.716 |

|    |          |
|----|----------|
| #1 | .0002870 |
| #2 | -.000055 |
| #3 | -.000191 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2110.899 | 39262.67 | 11531.60 | 1847.194 | 2871.867 |
| Stddev    | 1.477    | 63.75    | 45.14    | 5.415    | 1.956    |
| %RSD      | .0699841 | .1623647 | .3914550 | .2931582 | .0681257 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2111.278 | 39327.25 | 11532.25 | 1851.577 | 2873.761 |
| #2 | 2109.269 | 39260.97 | 11486.14 | 1841.140 | 2869.853 |
| #3 | 2112.150 | 39199.79 | 11576.41 | 1848.865 | 2871.986 |

Sample Name: CRI01      Acquired: 10/12/2023 15:31:14      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212261 | .0392089 | .0110672 | .0218658 | .0505468 | .1053786 | .0895866 |
| Stddev | .0031709 | .0019529 | .0016906 | .0033287 | .0006391 | .0088662 | .0006577 |
| %RSD   | 14.93859 | 4.980857 | 15.27588 | 15.22317 | 1.264329 | 8.413695 | .7341340 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0248250 | .0374033 | .0108964 | .0209978 | .0511252 | .1000891 | .0898029 |
| #2 | .0200099 | .0389416 | .0094685 | .0190570 | .0506545 | .1004323 | .0901088 |
| #3 | .0188433 | .0412817 | .0128368 | .0255424 | .0498607 | .1156146 | .0888480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061091 | .0059815 | 2.021018 | .0091636 | .0289359 | .0222215 | .1030434 |
| Stddev | .0000779 | .0001287 | .046646  | .0001203 | .0002223 | .0002021 | .0065028 |
| %RSD   | 1.275386 | 2.152336 | 2.308066 | 1.312352 | .7681878 | .9096785 | 6.310743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060243 | .0059080 | 2.070254 | .0090394 | .0291384 | .0224359 | .1104676 |
| #2 | .0061255 | .0059064 | 2.015313 | .0092795 | .0289712 | .0220344 | .1003048 |
| #3 | .0061775 | .0061302 | 1.977486 | .0091719 | .0286981 | .0221943 | .0983578 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0198444 | 2.082116 | .0386242 | .0107767 | 1.999537 | .0400710 | .0425622 |
| Stddev | .0002424 | .016889  | .0001680 | .0001917 | .023314  | .0016974 | .0002314 |
| %RSD   | 1.221253 | .8111583 | .4349555 | 1.778772 | 1.165982 | 4.235965 | .5437186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0195650 | 2.090375 | .0384379 | .0105556 | 2.009017 | .0384255 | .0426951 |
| #2 | .0199701 | 2.093287 | .0387643 | .0108797 | 1.972976 | .0399714 | .0426966 |
| #3 | .0199981 | 2.062687 | .0386703 | .0108949 | 2.016618 | .0418159 | .0422950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.154000 | .1038825 | .2130601 | .0380951 | .0371627 | .4187347 | .0161027 |
| Stddev | .041970  | .0007770 | .0003095 | .0017932 | .0012182 | .0079574 | .0024509 |
| %RSD   | 1.948451 | .7479749 | .1452718 | 4.707137 | 3.278109 | 1.900338 | 15.22074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.192453 | .1044268 | .2127118 | .0371569 | .0365319 | .4226502 | .0179719 |
| #2 | 2.109230 | .1042280 | .2131652 | .0369656 | .0385670 | .4095782 | .0133278 |
| #3 | 2.160318 | .1029926 | .2133034 | .0401627 | .0363893 | .4239757 | .0170084 |

Sample Name: CRI01      Acquired: 10/12/2023 15:31:14      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0205342</b> | <b>.0165543</b> | <b>.0206839</b> |
| Stddev | .0056036        | .0019546        | .0001705        |
| %RSD   | 27.28904        | 11.80733        | .8242867        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0152522</b> | <b>.0144679</b> | <b>.0208801</b> |
| #2 | <b>.0199386</b> | <b>.0183429</b> | <b>.0205715</b> |
| #3 | <b>.0264118</b> | <b>.0168522</b> | <b>.0206002</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2060.130</b> | <b>37517.17</b> | <b>11136.50</b> | <b>1766.435</b> | <b>2810.487</b> |
| Stddev    | 4.061           | 57.71           | 60.33           | 5.477           | 5.029           |
| %RSD      | .1971420        | .1538282        | .5417255        | .3100813        | .1789389        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2056.045 | 37450.60 | 11143.88 | 1760.665 | 2808.604 |
| #2 | 2064.168 | 37547.70 | 11072.82 | 1767.075 | 2816.186 |
| #3 | 2060.176 | 37553.19 | 11192.80 | 1771.564 | 2806.671 |



Sample Name: ICSA01      Acquired: 10/12/2023 15:35:14      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011944 | .0028177 | .0064405 | -.018721 | -.004217 | 250.3811 |
| Stddev | .0037389 | .0014514 | .0021593 | .003221  | .002599  | 1.6029   |
| %RSD   | 313.0242 | 51.50996 | 33.52754 | 17.20357 | 61.63394 | .6402019 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0033436 | .0044562 | .0040385 | -.015186 | -.004142 | 248.5381 |
| #2 | -.003123 | .0023037 | .0082207 | -.019487 | -.001657 | 251.1543 |
| #3 | .003362  | .0016933 | .0070622 | -.021490 | -.006853 | 251.4509 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002699 | .0007276 | .0059685 | 238.8551 | .0540458 | .0008854 |
| Stddev | .0014710 | .0000158 | .0001156 | 1.2860   | .0004339 | .0001614 |
| %RSD   | 545.0377 | 2.175776 | 1.937539 | .5383983 | .8028848 | 18.23165 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000761 | .0007458 | .0059860 | 237.3837 | .0538599 | .0010220 |
| #2 | .001954  | .0007203 | .0060743 | 239.7641 | .0537358 | .0007073 |
| #3 | -.000384 | .0007167 | .0058451 | 239.4175 | .0545417 | .0009268 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0176663 | 97.85329 | .0158293 | 246.8988 | .0019910 | .0023536 |
| Stddev | .0002807 | .44074   | .0003263 | 1.8789   | .0002280 | .0003790 |
| %RSD   | 1.588895 | .4504084 | 2.061449 | .7609907 | 11.45211 | 16.10138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0178234 | 97.65299 | .0155109 | 244.7495 | .0017360 | .0023987 |
| #2 | .0173423 | 97.54827 | .0161630 | 248.2298 | .0021751 | .0019541 |
| #3 | .0178333 | 98.35861 | .0158142 | 247.7170 | .0020620 | .0027080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0744653 | .0020579 | .0027858 | .1793859 | -.075951 | .0023972 |
| Stddev | .0205259 | .0025874 | .0003340 | .0414453 | .001783  | .0004155 |
| %RSD   | 27.56437 | 125.7290 | 11.99066 | 23.10398 | 2.347011 | 17.33196 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0971588 | .0036767 | .0031381 | .1600476 | -.076917 | .0023482 |
| #2 | .0690402 | -.000926 | .0024736 | .2269658 | -.077041 | .0028350 |
| #3 | .0571969 | .003423  | .0027457 | .1511441 | -.073894 | .0020083 |

Sample Name: ICSA01      Acquired: 10/12/2023 15:35:14      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>-.008707</b> | <b>-.000518</b> | <b>.0097007</b> | <b>-.009425</b> | <b>F .0342059</b> | <b>-.007794</b> |
| Stddev | .001374         | .001103         | .0043526        | .000355         | .0016056          | .003218         |
| %RSD   | 15.77902        | 212.8225        | 44.86901        | 3.770550        | 4.694047          | 41.28616        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.009825</b> | <b>.000399</b>  | <b>.0130238</b> | <b>-.009538</b> | <b>.0360275</b> | <b>-.011267</b> |
| #2 | <b>-.009124</b> | <b>-.001742</b> | <b>.0047737</b> | <b>-.009026</b> | <b>.0329962</b> | <b>-.007203</b> |
| #3 | <b>-.007173</b> | <b>-.000212</b> | <b>.0113046</b> | <b>-.009709</b> | <b>.0335939</b> | <b>-.004913</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0036232</b> |
| Stddev | .0005738        |
| %RSD   | 15.83816        |

|    |                 |
|----|-----------------|
| #1 | <b>.0032775</b> |
| #2 | <b>.0042856</b> |
| #3 | <b>.0033064</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1915.603</b> | <b>35962.24</b> | <b>10976.86</b> | <b>1679.102</b> | <b>2345.670</b> |
| Stddev    | .330            | 74.86           | 43.37           | 4.598           | 4.251           |
| %RSD      | .0172425        | .2081638        | .3950605        | .2738145        | .1812203        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1915.229</b> | <b>35903.10</b> | <b>11001.05</b> | <b>1675.323</b> | <b>2342.224</b> |
| #2 | <b>1915.854</b> | <b>36046.41</b> | <b>10926.80</b> | <b>1677.762</b> | <b>2344.366</b> |
| #3 | <b>1915.727</b> | <b>35937.21</b> | <b>11002.74</b> | <b>1684.221</b> | <b>2350.420</b> |

Sample Name: ICSAB01      Acquired: 10/12/2023 15:39:11      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1101437 | .1037950 | .0563568 | .0398181 | .5973799 | 247.1021 |
| Stddev | .0072328 | .0031815 | .0020216 | .0012967 | .0018522 | 1.5629   |
| %RSD   | 6.566733 | 3.065216 | 3.587124 | 3.256561 | .3100581 | .6324942 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1023877 | .1059952 | .0542711 | .0395578 | .5963977 | 245.3600 |
| #2 | .1113387 | .1001470 | .0583075 | .0386712 | .5962256 | 247.5654 |
| #3 | .1167046 | .1052427 | .0564918 | .0412251 | .5995163 | 248.3810 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4791036 | .5056571 | 1.022356 | 236.4962 | .5545809 | .5089191 |
| Stddev | .0010316 | .0016759 | .001180  | 1.1928   | .0021024 | .0014436 |
| %RSD   | .2153127 | .3314308 | .1154601 | .5043698 | .3791024 | .2836569 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4782623 | .5067762 | 1.020993 | 235.1615 | .5523423 | .5073446 |
| #2 | .4787940 | .5064647 | 1.023004 | 236.8689 | .5548869 | .5101803 |
| #3 | .4802545 | .5037303 | 1.023070 | 237.4581 | .5565136 | .5092324 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5097469 | 98.81087 | .5034154 | 244.5953 | 1.000750 | .2065710 |
| Stddev | .0019305 | .92465   | .0041271 | 1.5732   | .002117  | .0003859 |
| %RSD   | .3787193 | .9357819 | .8198107 | .6431738 | .2115444 | .1868239 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5093169 | 97.96353 | .4989311 | 242.8469 | .999048  | .2062662 |
| #2 | .5080677 | 98.67198 | .5042609 | 245.0428 | 1.000081 | .2070049 |
| #3 | .5118562 | 99.79712 | .5070543 | 245.8963 | 1.003121 | .2064418 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0907083 | .4865703 | 1.046443 | .0981269 | .8652570 | .9653367 |
| Stddev | .0142641 | .0038375 | .004956  | .0367931 | .0025125 | .0014522 |
| %RSD   | 15.72521 | .7886788 | .4736064 | 37.49546 | .2903750 | .1504309 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0998668 | .4826470 | 1.043858 | .0865811 | .8658759 | .9660821 |
| #2 | .0742735 | .4903158 | 1.043315 | .0684914 | .8674022 | .9636632 |
| #3 | .0979847 | .4867482 | 1.052157 | .1393083 | .8624929 | .9662647 |

Sample Name: ICSAB01      Acquired: 10/12/2023 15:39:11      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      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    | .9813040 | .9355526 | 1.016420 | F -.000115 | F .0336452 | F -.008147 |
| Stddev | .0033746 | .0057050 | .008951  | .002935    | .0017775   | .000733    |
| %RSD   | .3438875 | .6098054 | .8806340 | 2557.998   | 5.283122   | 9.001003   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9844276 | .9293406 | 1.015013 | -.001136 | .0354764 | -.007324 |
| #2 | .9817596 | .9405575 | 1.025991 | -.002403 | .0335324 | -.008388 |
| #3 | .9777247 | .9367598 | 1.008256 | .003195  | .0319267 | -.008730 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9779900 |
| Stddev | .0062574 |
| %RSD   | .6398227 |

|    |          |
|----|----------|
| #1 | .9709519 |
| #2 | .9800934 |
| #3 | .9829246 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1893.126 | 35251.79 | 10961.38 | 1654.221 | 2317.576 |
| Stddev    | 1.146    | 82.11    | 23.80    | 5.850    | 1.423    |
| %RSD      | .0605562 | .2329382 | .2171576 | .3536282 | .0613829 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1893.487 | 35294.04 | 10945.52 | 1659.310 | 2319.217 |
| #2 | 1894.049 | 35304.17 | 10949.88 | 1655.525 | 2316.822 |
| #3 | 1891.843 | 35157.15 | 10988.75 | 1647.830 | 2316.690 |

Sample Name: ICSA01DLX20      Acquired: 10/12/2023 15:43:19      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017376 | .0013671 | -.001731 | .0037553 | -.001784 | 11.84675 | -.003194 |
| Stddev | .0022771 | .0015333 | .001310  | .0038808 | .002120  | .06944   | .001295  |
| %RSD   | 131.0498 | 112.1620 | 75.65839 | 103.3417 | 118.7881 | .5861139 | 40.55030 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018314 | -.000403 | -.003203 | .0006003 | -.004056 | 11.77374 | -.002259 |
| #2 | -.000585 | .002285  | -.000693 | .0080886 | -.001437 | 11.85455 | -.002650 |
| #3 | .003966  | .002219  | -.001298 | .0025768 | .000140  | 11.91195 | -.004672 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000816 | .0001406 | 11.74866 | .0022395 | .0001810 | .0013648 | 4.816321 |
| Stddev | .0000342 | .0000694 | .01838   | .0002411 | .0002227 | .0004465 | .053469  |
| %RSD   | 41.92367 | 49.36848 | .1564523 | 10.76363 | 123.1014 | 32.71437 | 1.110155 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000926 | .0001152 | 11.74266 | .0024663 | -.000036 | .0011249 | 4.767901 |
| #2 | .0000433 | .0000875 | 11.76929 | .0019863 | .000170  | .0018800 | 4.807358 |
| #3 | .0001090 | .0002192 | 11.73403 | .0022658 | .000409  | .0010895 | 4.873705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006529 | 11.93191 | .0006780 | .0007933 | .0058500 | .0015591 | .0083779 |
| Stddev | .0000739 | .02892   | .0001686 | .0000980 | .0147267 | .0033022 | .0003555 |
| %RSD   | 11.31682 | .2423977 | 24.86989 | 12.35681 | 251.7395 | 211.8082 | 4.243813 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005692 | 11.90395 | .0008611 | .0008195 | .0183184 | .0011369 | .0082714 |
| #2 | .0006802 | 11.93006 | .0005292 | .0006849 | .0096297 | -.001512 | .0087745 |
| #3 | .0007092 | 11.96171 | .0006437 | .0008756 | -.010398 | .005052  | .0080877 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.028482 | -.000528 | .0006900 | -.000890 | .0004999 | .0086369 | -.001942 |
| Stddev | .056176  | .001165  | .0001948 | .001279  | .0002133 | .0061527 | .001187  |
| %RSD   | 197.2312 | 220.6618 | 28.23674 | 143.7215 | 42.67163 | 71.23681 | 61.12321 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.077901 | -.000870 | .0006675 | -.000123 | .0004056 | .0103935 | -.000703 |
| #2 | -.040160 | -.001484 | .0005074 | -.002367 | .0003500 | .0137203 | -.002052 |
| #3 | .032615  | .000770  | .0008952 | -.000180 | .0007442 | .0017970 | -.003069 |

Sample Name: ICSA01DLX20      Acquired: 10/12/2023 15:43:19      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0047144 | .0004802 | .0002295 |
| Stddev | .0027076 | .0016029 | .0002801 |
| %RSD   | 57.43179 | 333.7796 | 122.0677 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0019010 | -.000948 | .0005349 |
| #2 | .0073020 | .000175  | .0001692 |
| #3 | .0049403 | .002214  | -.000016 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2080.522 | 38069.91 | 11351.76 | 1803.253 | 2780.679 |
| Stddev    | 3.639    | 27.37    | 53.51    | 4.377    | 1.753    |
| %RSD      | .1749130 | .0718885 | .4714227 | .2427197 | .0630569 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2076.701 | 38088.52 | 11307.55 | 1801.874 | 2779.023 |
| #2 | 2083.947 | 38082.73 | 11336.47 | 1799.732 | 2782.516 |
| #3 | 2080.916 | 38038.49 | 11411.25 | 1808.153 | 2780.499 |

Sample Name: ICSAB01DLX20      Acquired: 10/12/2023 15:47:19      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055565 | .0037426 | .0016533 | .0007696 | .0279848 | 11.75879 | .0199838 |
| Stddev | .0023776 | .0016996 | .0007672 | .0033540 | .0017470 | .05547   | .0021678 |
| %RSD   | 42.78983 | 45.41280 | 46.40665 | 435.8175 | 6.242824 | .4717312 | 10.84794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060027 | .0017955 | .0025391 | -.002576 | .0260825 | 11.69474 | .0205644 |
| #2 | .0029874 | .0049288 | .0011955 | .000753  | .0283542 | 11.79050 | .0218022 |
| #3 | .0076794 | .0045036 | .0012253 | .004132  | .0295175 | 11.79112 | .0175848 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241408 | .0470826 | 11.60750 | .0265492 | .0234675 | .0256500 | 4.589944 |
| Stddev | .0002890 | .0000605 | .05686   | .0001643 | .0003684 | .0000944 | .017519  |
| %RSD   | 1.197057 | .1285760 | .4898850 | .6189623 | 1.569783 | .3681940 | .3816897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0238072 | .0470662 | 11.56604 | .0264179 | .0235803 | .0256082 | 4.609022 |
| #2 | .0242993 | .0470320 | 11.67232 | .0264962 | .0237664 | .0257582 | 4.586231 |
| #3 | .0243159 | .0471497 | 11.58413 | .0267335 | .0230559 | .0255838 | 4.574579 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0249943 | 11.84163 | .0470232 | .0099358 | .0092053 | .0240420 | .0514495 |
| Stddev | .0002988 | .04093   | .0008371 | .0000480 | .0117091 | .0035113 | .0004033 |
| %RSD   | 1.195593 | .3456421 | 1.780188 | .4835466 | 127.1999 | 14.60499 | .7838649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0247996 | 11.79437 | .0479893 | .0099447 | .0070094 | .0219961 | .0518362 |
| #2 | .0248449 | 11.86443 | .0465675 | .0099788 | .0218569 | .0280965 | .0514809 |
| #3 | .0253384 | 11.86607 | .0465128 | .0098839 | -.001250 | .0220334 | .0510314 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.043536 | .0414028 | .0473797 | .0440498 | .0464161 | .0573253 | -.010053 |
| Stddev | .016501  | .0011802 | .0008816 | .0013084 | .0014688 | .0174795 | .004943  |
| %RSD   | 37.90258 | 2.850442 | 1.860767 | 2.970255 | 3.164375 | 30.49181 | 49.17155 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.027668 | .0406119 | .0471349 | .0440917 | .0462326 | .0596835 | -.008574 |
| #2 | -.042334 | .0427594 | .0466462 | .0427210 | .0450477 | .0735060 | -.006018 |
| #3 | -.060605 | .0408373 | .0483578 | .0453368 | .0479680 | .0387864 | -.015566 |

Sample Name: ICSAB01DLX20      Acquired: 10/12/2023 15:47:19      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001123 | .0004190 | .0330126 |
| Stddev | .0026834 | .0009163 | .0001281 |
| %RSD   | 2389.336 | 218.6906 | .3880712 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0018968 | -.000199 | .0331472 |
| #2 | .0014137 | -.000016 | .0329984 |
| #3 | -.002974 | .001472  | .0328921 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2055.322 | 38810.26 | 11153.25 | 1815.276 | 2749.737 |
| Stddev    | 1.510    | 196.07   | 41.19    | 2.998    | 1.799    |
| %RSD      | .0734654 | .5052035 | .3693087 | .1651355 | .0654295 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2054.707 | 38640.87 | 11199.34 | 1817.223 | 2747.946 |
| #2 | 2057.042 | 38764.85 | 11120.04 | 1811.824 | 2749.723 |
| #3 | 2054.217 | 39025.05 | 11140.36 | 1816.781 | 2751.544 |



Sample Name: CCV01      Acquired: 10/12/2023 15:51:17      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.832261</b> | <b>4.865092</b> | <b>4.816351</b> | <b>4.728087</b> | <b>4.852307</b> | <b>9.760782</b> | <b>9.624345</b> |
| Stddev | .008562         | .017672         | .000102         | .004374         | .003442         | .034159         | .022020         |
| %RSD   | .1771809        | .3632494        | .0021192        | .0925112        | .0709300        | .3499632        | .2287942        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.831119 | 4.879536 | 4.816434 | 4.733009 | 4.849225 | 9.722110 | 9.647144 |
| #2 | 4.824327 | 4.870353 | 4.816237 | 4.724645 | 4.851675 | 9.773394 | 9.622693 |
| #3 | 4.841336 | 4.845386 | 4.816382 | 4.726608 | 4.856021 | 9.786842 | 9.603197 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2419345</b> | <b>2.401633</b> | <b>24.20524</b> | <b>.9882678</b> | <b>2.431440</b> | <b>1.229920</b> | <b>4.831323</b> |
| Stddev | .0004545        | .002372         | .03056          | .0007168        | .003128         | .002314         | .029127         |
| %RSD   | .1878645        | .0987738        | .1262562        | .0725284        | .1286614        | .1881043        | .6028712        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2423707 | 2.403893 | 24.17015 | .9874631 | 2.434990 | 1.231284 | 4.799099 |
| #2 | .2414636 | 2.399162 | 24.21959 | .9885027 | 2.430245 | 1.227248 | 4.839092 |
| #3 | .2419692 | 2.401844 | 24.22598 | .9888377 | 2.429086 | 1.231227 | 4.855777 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.465683</b> | <b>24.14856</b> | <b>2.419989</b> | <b>1.205486</b> | <b>24.16292</b> | <b>2.441144</b> | <b>2.478764</b> |
| Stddev | .012747         | .06787          | .002970         | .000245         | .11329          | .003230         | .009192         |
| %RSD   | .5169958        | .2810434        | .1227288        | .0203469        | .4688664        | .1322986        | .3708384        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.452211 | 24.09242 | 2.423227 | 1.205477 | 24.04207 | 2.443142 | 2.486226 |
| #2 | 2.477555 | 24.12928 | 2.419349 | 1.205735 | 24.26672 | 2.442872 | 2.468496 |
| #3 | 2.467283 | 24.22398 | 2.417391 | 1.205245 | 24.17996 | 2.437418 | 2.481571 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.17415</b> | <b>4.719636</b> | <b>4.956850</b> | <b>4.835214</b> | <b>4.807262</b> | <b>4.873242</b> | <b>4.729511</b> |
| Stddev | .17984          | .018230         | .004257         | .003000         | .007455         | .035248         | .012897         |
| %RSD   | .7439405        | .3862684        | .0858731        | .0620483        | .1550729        | .7232904        | .2726954        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.12119 | 4.735416 | 4.959945 | 4.831754 | 4.805403 | 4.835781 | 4.733346 |
| #2 | 24.37453 | 4.699680 | 4.951995 | 4.836785 | 4.800912 | 4.878193 | 4.740055 |
| #3 | 24.02674 | 4.723814 | 4.958609 | 4.837102 | 4.815470 | 4.905752 | 4.715131 |

Sample Name: CCV01      Acquired: 10/12/2023 15:51:17      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.712358 | 4.797597 | 4.929711 |
| Stddev | .015711  | .004752  | .056356  |
| %RSD   | .3333969 | .0990562 | 1.143195 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.730463 | 4.796522 | 4.866134 |
| #2 | 4.702311 | 4.793474 | 4.949478 |
| #3 | 4.704299 | 4.802794 | 4.973521 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2020.005 | 38396.94 | 11152.00 | 1780.225 | 2634.013 |
| Stddev    | 1.248    | 202.96   | 21.10    | 7.838    | 1.568    |
| %RSD      | .0617832 | .5285714 | .1891742 | .4402983 | .0595231 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2019.874 | 38479.39 | 11133.61 | 1771.248 | 2632.557 |
| #2 | 2021.314 | 38165.73 | 11147.34 | 1785.716 | 2635.672 |
| #3 | 2018.828 | 38545.69 | 11175.03 | 1783.710 | 2633.809 |

Sample Name: CCB01      Acquired: 10/12/2023 15:55:17      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002938</b> | <b>-.002095</b> | <b>-.000849</b> | <b>.0016059</b> | <b>.0011556</b> | <b>.0236343</b> | <b>-.001770</b> |
| Stddev | .007591         | .000637         | .000333         | .0037692        | .0012499        | .0084076        | .000689         |
| %RSD   | 258.3763        | 30.39522        | 39.26807        | 234.7123        | 108.1634        | 35.57386        | 38.92482        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005517</b> | <b>-.001917</b> | <b>-.000824</b> | <b>.0027838</b> | <b>.0018496</b> | <b>.0140088</b> | <b>-.001015</b> |
| #2 | <b>.005607</b>  | <b>-.002803</b> | <b>-.001194</b> | <b>-.002612</b> | <b>-.000287</b> | <b>.0273512</b> | <b>-.001931</b> |
| #3 | <b>-.008904</b> | <b>-.001567</b> | <b>-.000529</b> | <b>.004645</b>  | <b>.001904</b>  | <b>.0295428</b> | <b>-.002364</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000121</b> | <b>.0000019</b> | <b>.0081712</b> | <b>.0000868</b> | <b>-.000132</b> | <b>-.000151</b> | <b>.0022575</b> |
| Stddev | .0000628        | .0001189        | .0596460        | .0000674        | .000114         | .000281         | .0079353        |
| %RSD   | 519.4001        | 6205.028        | 729.9575        | 77.59572        | 86.51937        | 186.0752        | 351.5072        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000383</b> | <b>.0000356</b> | <b>.0770011</b> | <b>.0000295</b> | <b>-.000117</b> | <b>-.000343</b> | <b>-.000425</b> |
| #2 | <b>.0000575</b> | <b>.0001003</b> | <b>-.024131</b> | <b>.0000700</b> | <b>-.000026</b> | <b>-.000280</b> | <b>.011186</b>  |
| #3 | <b>-.000060</b> | <b>-.000130</b> | <b>-.028357</b> | <b>.0001610</b> | <b>-.000254</b> | <b>.000171</b>  | <b>-.003989</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000221</b> | <b>.0327550</b> | <b>.0002740</b> | <b>.0004544</b> | <b>-.009460</b> | <b>-.000954</b> | <b>.0000335</b> |
| Stddev | .000118         | .0268824        | .0002262        | .0000718        | .008887         | .001874         | .0002302        |
| %RSD   | 53.42556        | 82.07129        | 82.57219        | 15.79413        | 93.94187        | 196.4381        | 687.3721        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000315</b> | <b>.0627674</b> | <b>.0000158</b> | <b>.0005169</b> | <b>-.000761</b> | <b>-.000017</b> | <b>-.000221</b> |
| #2 | <b>-.000088</b> | <b>.0108854</b> | <b>.0003684</b> | <b>.0003761</b> | <b>-.018523</b> | <b>.000267</b>  | <b>.000228</b>  |
| #3 | <b>-.000260</b> | <b>.0246121</b> | <b>.0004377</b> | <b>.0004702</b> | <b>-.009095</b> | <b>-.003112</b> | <b>.000093</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.055817</b> | <b>.0066725</b> | <b>.0023505</b> | <b>-.000357</b> | <b>-.000078</b> | <b>.0166647</b> | <b>-.001138</b> |
| Stddev | .024803         | .0016165        | .0005812        | .000374         | .000721         | .0121282        | .003703         |
| %RSD   | 44.43545        | 24.22659        | 24.72875        | 104.7172        | 924.6377        | 72.77787        | 325.2922        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.061583</b> | <b>.0075527</b> | <b>.0030037</b> | <b>-.000598</b> | <b>.000696</b>  | <b>.0050230</b> | <b>.001359</b>  |
| #2 | <b>-.077230</b> | <b>.0076579</b> | <b>.0021575</b> | <b>-.000548</b> | <b>-.000200</b> | <b>.0157442</b> | <b>.000618</b>  |
| #3 | <b>-.028640</b> | <b>.0048069</b> | <b>.0018903</b> | <b>.000074</b>  | <b>-.000730</b> | <b>.0292270</b> | <b>-.005393</b> |

Sample Name: CCB01      Acquired: 10/12/2023 15:55:17      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001634 | -.000112 | .0001660 |
| Stddev | .0014674 | .002397  | .0003230 |
| %RSD   | 897.7238 | 2134.544 | 194.5901 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004468 | -.002395 | .0005327 |
| #2 | .0014685 | -.000326 | .0000416 |
| #3 | -.001425 | .002384  | -.000076 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2112.869 | 39005.00 | 11358.38 | 1844.648 | 2915.766 |
| Stddev    | 2.770    | 110.38   | 44.81    | 4.624    | .687     |
| %RSD      | .1310952 | .2829908 | .3944994 | .2506827 | .0235780 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2115.399 | 39000.28 | 11368.88 | 1840.010 | 2916.419 |
| #2 | 2113.300 | 39117.66 | 11309.26 | 1849.258 | 2915.830 |
| #3 | 2109.909 | 38897.05 | 11397.01 | 1844.674 | 2915.049 |

Sample Name: O4812-01DLX10      Acquired: 10/12/2023 16:01:21      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000152</b> | <b>.0026696</b> | <b>.2450253</b> | <b>-.002475</b> | <b>.0008257</b> | <b>12.32055</b> | <b>.1584070</b> |
| Stddev | .005276         | .0020484        | .0025469        | .001756         | .0038309        | .08331          | .0003971        |
| %RSD   | 3468.160        | 76.73161        | 1.039444        | 70.92541        | 463.9841        | .6761673        | .2507108        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000278</b> | <b>.0026559</b> | <b>.2436102</b> | <b>-.002103</b> | <b>.0010193</b> | <b>12.23394</b> | <b>.1582049</b> |
| #2 | <b>-.005364</b> | <b>.0006281</b> | <b>.2435001</b> | <b>-.000936</b> | <b>-.003098</b> | <b>12.32761</b> | <b>.1588645</b> |
| #3 | <b>.005186</b>  | <b>.0047248</b> | <b>.2479655</b> | <b>-.004387</b> | <b>.004556</b>  | <b>12.40011</b> | <b>.1581515</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0009149</b> | <b>.0035680</b> | <b>245.6713</b> | <b>.0468268</b> | <b>.0162191</b> | <b>.1703319</b> | <b>24.44033</b> |
| Stddev | .0000405        | .0001320        | 1.7086          | .0016326        | .0003345        | .0008611        | .15449          |
| %RSD   | 4.423781        | 3.699701        | .6954946        | 3.486553        | 2.062330        | .5055526        | .6320908        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0008931</b> | <b>.0034166</b> | <b>243.8387</b> | <b>.0472229</b> | <b>.0161305</b> | <b>.1693951</b> | <b>24.26200</b> |
| #2 | <b>.0009616</b> | <b>.0036287</b> | <b>245.9548</b> | <b>.0482249</b> | <b>.0159379</b> | <b>.1705116</b> | <b>24.52569</b> |
| #3 | <b>.0008900</b> | <b>.0036588</b> | <b>247.2205</b> | <b>.0450325</b> | <b>.0165890</b> | <b>.1710889</b> | <b>24.53330</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3902925</b> | <b>19.50911</b> | <b>.0405917</b> | <b>.0018327</b> | <b>.9267310</b> | <b>.0601492</b> | <b>1.019115</b> |
| Stddev | .0033500        | .11841          | .0005389        | .0001376        | .0147408        | .0018001        | .001960         |
| %RSD   | .8583205        | .6069720        | 1.327522        | 7.509053        | 1.590624        | 2.992657        | .1922823        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3873462</b> | <b>19.40960</b> | <b>.0405980</b> | <b>.0016789</b> | <b>.9423268</b> | <b>.0580713</b> | <b>1.017881</b> |
| #2 | <b>.3895952</b> | <b>19.47765</b> | <b>.0411274</b> | <b>.0018751</b> | <b>.9130280</b> | <b>.0611434</b> | <b>1.018088</b> |
| #3 | <b>.3939363</b> | <b>19.64007</b> | <b>.0400497</b> | <b>.0019442</b> | <b>.9248382</b> | <b>.0612329</b> | <b>1.021374</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.244415</b> | <b>.0180160</b> | <b>.0033201</b> | <b>-.000235</b> | <b>.7312349</b> | <b>1.737155</b> | <b>1.257046</b> |
| Stddev | .070386         | .0005987        | .0003693        | .000248         | .0047703        | .022605         | .004710         |
| %RSD   | 5.656136        | 3.322953        | 11.12382        | 105.8018        | .6523592        | 1.301275        | .3746632        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.207898</b> | <b>.0177017</b> | <b>.0030234</b> | <b>-.000207</b> | <b>.7346989</b> | <b>1.749484</b> | <b>1.256764</b> |
| #2 | <b>1.199792</b> | <b>.0187063</b> | <b>.0037337</b> | <b>-.000496</b> | <b>.7257940</b> | <b>1.711066</b> | <b>1.252483</b> |
| #3 | <b>1.325554</b> | <b>.0176398</b> | <b>.0032033</b> | <b>-.000002</b> | <b>.7332117</b> | <b>1.750916</b> | <b>1.261890</b> |

Sample Name: O4812-01DLX10      Acquired: 10/12/2023 16:01:21      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>1.531422</b> | <b>.0064180</b> | <b>.4162155</b> |
| Stddev | .007971         | .0018888        | .0022510        |
| %RSD   | .5204647        | 29.42963        | .5408257        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.526087 | .0075128 | .4143749 |
| #2 | 1.527596 | .0075042 | .4155465 |
| #3 | 1.540585 | .0042370 | .4187252 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2023.701</b> | <b>37579.56</b> | <b>11360.33</b> | <b>1765.348</b> | <b>2582.817</b> |
| Stddev    | .948            | 108.07          | 31.19           | 2.901           | 1.446           |
| %RSD      | .0468307        | .2875665        | .2745662        | .1643230        | .0559726        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2024.795 | 37555.10 | 11364.85 | 1762.083 | 2582.629 |
| #2 | 2023.174 | 37697.77 | 11389.02 | 1767.626 | 2581.474 |
| #3 | 2023.134 | 37485.83 | 11327.13 | 1766.336 | 2584.347 |

Sample Name: O4734-04      Acquired: 10/12/2023 16:40:57      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.002530</b> | <b>-.001444</b> | <b>.0004372</b> | <b>-.001630</b> | <b>.0002850</b> | <b>.2754640</b> | <b>.0871641</b> |
| Stddev | .004349         | .001849         | .0006061        | .003559         | .0015101        | .0099503        | .0011808        |
| %RSD   | 171.8605        | 128.0900        | 138.6284        | 218.2622        | 529.7991        | 3.612180        | 1.354734        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007434</b> | <b>-.001501</b> | <b>.0011197</b> | <b>.000895</b>  | <b>.0008584</b> | <b>.2864978</b> | <b>.0883854</b> |
| #2 | <b>-.001013</b> | <b>.000434</b>  | <b>-.000039</b> | <b>-.000085</b> | <b>.0014244</b> | <b>.2727216</b> | <b>.0860284</b> |
| #3 | <b>.000856</b>  | <b>-.003263</b> | <b>.000231</b>  | <b>-.005700</b> | <b>-.001428</b> | <b>.2671725</b> | <b>.0870784</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000019</b> | <b>.0002831</b> | <b>2.812905</b> | <b>.0062876</b> | <b>.0282929</b> | <b>.0069035</b> | <b>1.133377</b> |
| Stddev | .000053         | .0001031        | .039559         | .0010089        | .0004566        | .0003447        | .009736         |
| %RSD   | 274.4766        | 36.42723        | 1.406356        | 16.04637        | 1.613914        | 4.993240        | .8590397        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000068</b> | <b>.0003159</b> | <b>2.853580</b> | <b>.0057955</b> | <b>.0279751</b> | <b>.0071849</b> | <b>1.144591</b> |
| #2 | <b>.000038</b>  | <b>.0001676</b> | <b>2.810572</b> | <b>.0056191</b> | <b>.0280875</b> | <b>.0070066</b> | <b>1.128458</b> |
| #3 | <b>-.000029</b> | <b>.0003659</b> | <b>2.774564</b> | <b>.0074481</b> | <b>.0288162</b> | <b>.0065190</b> | <b>1.127081</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.434705</b> | <b>5.824149</b> | <b>.0140019</b> | <b>.0002137</b> | <b>24.09384</b> | <b>.0023472</b> | <b>.0327137</b> |
| Stddev | .007011         | .016036         | .0004800        | .0001962        | .12373          | .0036060        | .0002332        |
| %RSD   | .2041111        | .2753301        | 3.428119        | 91.82956        | .5135260        | 153.6334        | .7127228        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.426767</b> | <b>5.841643</b> | <b>.0134666</b> | <b>.0003177</b> | <b>24.03924</b> | <b>-.001812</b> | <b>.0325829</b> |
| #2 | <b>3.440049</b> | <b>5.820658</b> | <b>.0143940</b> | <b>.0003359</b> | <b>24.00681</b> | <b>.004599</b>  | <b>.0325753</b> |
| #3 | <b>3.437299</b> | <b>5.810146</b> | <b>.0141451</b> | <b>-.000013</b> | <b>24.23548</b> | <b>.004255</b>  | <b>.0329829</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.117253</b> | <b>.0153449</b> | <b>.0011403</b> | <b>.0021925</b> | <b>.0157257</b> | <b>5.489790</b> | <b>.0514585</b> |
| Stddev | .045164         | .0002652        | .0006045        | .0008540        | .0021675        | .026683         | .0034739        |
| %RSD   | 2.133157        | 1.728044        | 53.01354        | 38.95070        | 13.78351        | .4860426        | 6.750852        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2.156928</b> | <b>.0155906</b> | <b>.0017466</b> | <b>.0031653</b> | <b>.0180085</b> | <b>5.474905</b> | <b>.0554584</b> |
| #2 | <b>2.068103</b> | <b>.0153804</b> | <b>.0011366</b> | <b>.0015662</b> | <b>.0136956</b> | <b>5.473870</b> | <b>.0497198</b> |
| #3 | <b>2.126730</b> | <b>.0150638</b> | <b>.0005376</b> | <b>.0018460</b> | <b>.0154729</b> | <b>5.520594</b> | <b>.0491973</b> |

Sample Name: O4734-04      Acquired: 10/12/2023 16:40:57      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.243211</b> | <b>.0013375</b> | <b>.0421854</b> |
| Stddev | .014927         | .0017677        | .0002809        |
| %RSD   | .3517967        | 132.1663        | .6657863        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.254920 | .0028218 | .0425093 |
| #2 | 4.226402 | .0018087 | .0420097 |
| #3 | 4.248311 | -.000618 | .0420371 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2047.695</b> | <b>37677.25</b> | <b>11286.89</b> | <b>1779.255</b> | <b>2760.095</b> |
| Stddev    | 1.873           | 35.59           | 64.75           | .267            | 6.962           |
| %RSD      | .0914842        | .0944583        | .5736443        | .0150040        | .2522516        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2049.601 | 37704.34 | 11306.95 | 1779.544 | 2760.683 |
| #2 | 2047.627 | 37636.94 | 11214.49 | 1779.018 | 2766.744 |
| #3 | 2045.856 | 37690.48 | 11339.23 | 1779.202 | 2752.857 |



Sample Name: LR CHECK 1      Acquired: 10/12/2023 17:37:37      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.021263</b> | <b>-.020366</b> | <b>.0475355</b> | <b>-.111779</b> | <b>-.028364</b> | <b>1838.654</b> | <b>-.002117</b> |
| Stddev | .014438         | .012021         | .0075383        | .014906         | .010145         | 34.546          | .000614         |
| %RSD   | 67.90360        | 59.02497        | 15.85817        | 13.33509        | 35.76861        | 1.878881        | 29.00588        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.018223</b> | <b>-.008610</b> | <b>.0417225</b> | <b>-.111857</b> | <b>-.017875</b> | <b>1799.427</b> | <b>-.002363</b> |
| #2 | <b>-.036979</b> | <b>-.019852</b> | <b>.0448312</b> | <b>-.126645</b> | <b>-.029090</b> | <b>1851.989</b> | <b>-.001418</b> |
| #3 | <b>-.008587</b> | <b>-.032635</b> | <b>.0560529</b> | <b>-.096834</b> | <b>-.038127</b> | <b>1864.545</b> | <b>-.002571</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0049324</b> | <b>.0799575</b> | <b>1817.170</b> | <b>-.003212</b> | <b>.0227959</b> | <b>.0768537</b> | <b>905.3106</b> |
| Stddev | .0001544        | .0001538        | 15.376          | .001298         | .0002379        | .0016930        | .1617           |
| %RSD   | 3.131384        | .1923263        | .8461428        | 40.41865        | 1.043645        | 2.202871        | .0178574        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0050594</b> | <b>.0799699</b> | <b>1800.794</b> | <b>-.004185</b> | <b>.0225328</b> | <b>.0764980</b> | <b>905.4823</b> |
| #2 | <b>.0047604</b> | <b>.0801046</b> | <b>1831.298</b> | <b>-.003714</b> | <b>.0229961</b> | <b>.0753669</b> | <b>905.1613</b> |
| #3 | <b>.0049774</b> | <b>.0797978</b> | <b>1819.419</b> | <b>-.001738</b> | <b>.0228587</b> | <b>.0786963</b> | <b>905.2883</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0151225</b> | <b>1739.842</b> | <b>-.001176</b> | <b>.0171096</b> | <b>1781.655</b> | <b>.0125386</b> | <b>.0738396</b> |
| Stddev | .0000944        | 6.308           | .001314         | .0005001        | 11.713          | .0018883        | .0004372        |
| %RSD   | .6239875        | .3625350        | 111.7092        | 2.922784        | .6574492        | 15.05960        | .5921143        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0150186</b> | <b>1736.057</b> | <b>-.001424</b> | <b>.0175291</b> | <b>1794.913</b> | <b>.0117878</b> | <b>.0737858</b> |
| #2 | <b>.0152029</b> | <b>1747.123</b> | <b>.000244</b>  | <b>.0172437</b> | <b>1777.345</b> | <b>.0146868</b> | <b>.0743012</b> |
| #3 | <b>.0151459</b> | <b>1736.346</b> | <b>-.002348</b> | <b>.0165562</b> | <b>1772.708</b> | <b>.0111413</b> | <b>.0734318</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>984.6142</b> | <b>-.734317</b> | <b>.0036012</b> | <b>-.001472</b> | <b>-.037203</b> | <b>.0322949</b> | <b>.0583949</b> |
| Stddev | 2.3839          | .009453         | .0012918        | .003695         | .001329         | .0202219        | .0161734        |
| %RSD   | .2421190        | 1.287381        | 35.87223        | 250.9339        | 3.573529        | 62.61637        | 27.69657        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>986.8250</b> | <b>-.723857</b> | <b>.0021880</b> | <b>.002460</b>  | <b>-.037020</b> | <b>.0100828</b> | <b>.0449437</b> |
| #2 | <b>982.0884</b> | <b>-.736845</b> | <b>.0038944</b> | <b>-.004871</b> | <b>-.038615</b> | <b>.0496372</b> | <b>.0539011</b> |
| #3 | <b>984.9291</b> | <b>-.742250</b> | <b>.0047212</b> | <b>-.002007</b> | <b>-.035975</b> | <b>.0371648</b> | <b>.0763400</b> |

Sample Name: LR CHECK 1      Acquired: 10/12/2023 17:37:37      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.1824891</b> | <b>-.035675</b> | <b>-.894721</b> |
| Stddev | .0157088        | .001549         | .000117         |
| %RSD   | 8.608062        | 4.341811        | .0130575        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.1845555</b> | <b>-.034247</b> | <b>-.894822</b> |
| #2 | <b>.1658494</b> | <b>-.035456</b> | <b>-.894593</b> |
| #3 | <b>.1970625</b> | <b>-.037322</b> | <b>-.894749</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1537.750</b> | <b>29412.05</b> | <b>10257.23</b> | <b>1351.239</b> | <b>1674.755</b> |
| Stddev    | 1.305           | 32.13           | 47.30           | 3.796           | 2.612           |
| %RSD      | .0848887        | .1092379        | .4611286        | .2809296        | .1559823        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1538.262 | 29375.40 | 10310.68 | 1346.880 | 1677.082 |
| #2 | 1536.267 | 29425.40 | 10220.79 | 1353.015 | 1671.929 |
| #3 | 1538.723 | 29435.35 | 10240.21 | 1353.821 | 1675.254 |

Sample Name: CCV02      Acquired: 10/12/2023 17:42:07      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.026634 | 5.078499 | 4.856279 | 5.022254 | 4.987509 | 9.800213 | 9.737925 |
| Stddev | .011173  | .010459  | .012927  | .017751  | .009382  | .047713  | .132343  |
| %RSD   | .2222802 | .2059370 | .2661850 | .3534524 | .1881080 | .4868574 | 1.359044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.023750 | 5.083653 | 4.860198 | 5.025525 | 4.991839 | 9.749703 | 9.609329 |
| #2 | 5.017185 | 5.066464 | 4.841846 | 5.003095 | 4.976744 | 9.806413 | 9.730724 |
| #3 | 5.038966 | 5.085381 | 4.866792 | 5.038143 | 4.993944 | 9.844523 | 9.873721 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2417417 | 2.471108 | 24.01443 | .9917065 | 2.520307 | 1.289779 | 4.975357 |
| Stddev | .0004695 | .003939  | .04378   | .0025083 | .003290  | .001029  | .022878  |
| %RSD   | .1941979 | .1594117 | .1822999 | .2529230 | .1305279 | .0797621 | .4598244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2419340 | 2.470946 | 23.97436 | .9900776 | 2.519275 | 1.290648 | 4.993001 |
| #2 | .2412066 | 2.467253 | 24.00777 | .9945950 | 2.517657 | 1.288643 | 4.983563 |
| #3 | .2420844 | 2.475127 | 24.06116 | .9904470 | 2.523989 | 1.290044 | 4.949508 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.416565 | 23.37099 | 2.471323 | 1.203388 | 25.32728 | 2.419321 | 2.532580 |
| Stddev | .012844  | .05314   | .004603  | .000573  | .09673   | .008245  | .005927  |
| %RSD   | .5314833 | .2273835 | .1862688 | .0476291 | .3819074 | .3407907 | .2340268 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.404199 | 23.31166 | 2.472483 | 1.204028 | 25.26496 | 2.411174 | 2.525914 |
| #2 | 2.415659 | 23.38707 | 2.466251 | 1.203215 | 25.43871 | 2.419127 | 2.534571 |
| #3 | 2.429838 | 23.41422 | 2.475236 | 1.202921 | 25.27817 | 2.427661 | 2.537255 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.19660 | 4.657551 | 5.027746 | 4.915445 | 4.683331 | 5.060984 | 5.013140 |
| Stddev | .08866   | .017632  | .005989  | .012080  | .019852  | .036834  | .009241  |
| %RSD   | .3518660 | .3785712 | .1191250 | .2457475 | .4238950 | .7278007 | .1843399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.12167 | 4.675687 | 5.032478 | 4.911863 | 4.665598 | 5.018617 | 5.020857 |
| #2 | 25.29447 | 4.640470 | 5.021012 | 4.905561 | 4.679616 | 5.078927 | 5.002899 |
| #3 | 25.17366 | 4.656495 | 5.029748 | 4.928910 | 4.704778 | 5.085408 | 5.015664 |

Sample Name: CCV02      Acquired: 10/12/2023 17:42:07      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.075399</b> | <b>4.820448</b> | <b>4.876541</b> |
| Stddev | .015835         | .003872         | .040718         |
| %RSD   | .3119941        | .0803307        | .8349718        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.057653 | 4.816077 | 4.835715 |
| #2 | 5.080460 | 4.821816 | 4.917149 |
| #3 | 5.088085 | 4.823451 | 4.876760 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1954.524</b> | <b>37288.18</b> | <b>11181.18</b> | <b>1718.695</b> | <b>2535.529</b> |
| Stddev    | 5.623           | 128.05          | 20.31           | 5.053           | 5.145           |
| %RSD      | .2876970        | .3433955        | .1816333        | .2939958        | .2029019        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1948.536 | 37426.53 | 11192.93 | 1724.529 | 2529.672 |
| #2 | 1955.342 | 37173.83 | 11192.88 | 1715.727 | 2537.600 |
| #3 | 1959.693 | 37264.19 | 11157.73 | 1715.829 | 2539.316 |

Sample Name: CCB02      Acquired: 10/12/2023 17:46:05      Type: Unk  
Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001438</b> | <b>.0008774</b> | <b>-.002689</b> | <b>.0024022</b> | <b>.0006780</b> | <b>.0202983</b> | <b>-.006372</b> |
| Stddev | .005673         | .0012918        | .001917         | .0025158        | .0025592        | .0099657        | .001066         |
| %RSD   | 394.4970        | 147.2300        | 71.30736        | 104.7265        | 377.4864        | 49.09630        | 16.72835        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007753</b> | <b>.0023655</b> | <b>-.003187</b> | <b>-.000485</b> | <b>.0030425</b> | <b>.0298353</b> | <b>-.006712</b> |
| #2 | <b>.003228</b>  | <b>.0002226</b> | <b>-.000572</b> | <b>.003571</b>  | <b>-.002039</b> | <b>.0211064</b> | <b>-.005177</b> |
| #3 | <b>.000210</b>  | <b>.0000441</b> | <b>-.004308</b> | <b>.004121</b>  | <b>.001031</b>  | <b>.0099531</b> | <b>-.007226</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000000</b> | <b>-.000044</b> | <b>.0534963</b> | <b>-.000283</b> | <b>-.000083</b> | <b>.0005110</b> | <b>.0019916</b> |
| Stddev | .000019         | .000068         | .0700319        | .000184         | .000339         | .0002274        | .0102765        |
| %RSD   | 6093.697        | 153.8304        | 130.9100        | 65.04647        | 408.8419        | 44.49753        | 515.9848        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.000021</b>  | <b>.000031</b>  | <b>.1323825</b> | <b>-.000208</b> | <b>-.000464</b> | <b>.0003499</b> | <b>.0135604</b> |
| #2 | <b>-.000017</b> | <b>-.000063</b> | <b>.0294542</b> | <b>-.000492</b> | <b>.000035</b>  | <b>.0004119</b> | <b>-.001506</b> |
| #3 | <b>-.000005</b> | <b>-.000101</b> | <b>-.001348</b> | <b>-.000148</b> | <b>.000181</b>  | <b>.0007711</b> | <b>-.006080</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000367</b> | <b>.0248090</b> | <b>.0002303</b> | <b>.0005960</b> | <b>.0550151</b> | <b>-.001712</b> | <b>.0005718</b> |
| Stddev | .0005633        | .0167069        | .0001866        | .0002210        | .0215086        | .001915         | .0002721        |
| %RSD   | 1536.055        | 67.34199        | 81.02077        | 37.06968        | 39.09578        | 111.8190        | 47.58620        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0005663</b> | <b>.0409146</b> | <b>.0001150</b> | <b>.0003688</b> | <b>.0796396</b> | <b>-.003749</b> | <b>.0008310</b> |
| #2 | <b>-.000555</b> | <b>.0075596</b> | <b>.0001303</b> | <b>.0008101</b> | <b>.0455038</b> | <b>.000051</b>  | <b>.0002884</b> |
| #3 | <b>.000099</b>  | <b>.0259528</b> | <b>.0004456</b> | <b>.0006092</b> | <b>.0399019</b> | <b>-.001439</b> | <b>.0005959</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0307319</b> | <b>.0017202</b> | <b>.0022822</b> | <b>.0004382</b> | <b>-.001294</b> | <b>.0149961</b> | <b>-.005484</b> |
| Stddev | .0316759        | .0013673        | .0006847        | .0008129        | .000800         | .0032226        | .004341         |
| %RSD   | 103.0717        | 79.48566        | 30.00210        | 185.4961        | 61.80816        | 21.48947        | 79.14759        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005525</b> | <b>.0032754</b> | <b>.0025567</b> | <b>.0011599</b> | <b>-.000627</b> | <b>.0136982</b> | <b>-.008176</b> |
| #2 | <b>.053036</b>  | <b>.0011780</b> | <b>.0027869</b> | <b>-.000442</b> | <b>-.001074</b> | <b>.0186653</b> | <b>-.000477</b> |
| #3 | <b>.044685</b>  | <b>.0007071</b> | <b>.0015028</b> | <b>.000597</b>  | <b>-.002180</b> | <b>.0126249</b> | <b>-.007800</b> |

Sample Name: CCB02      Acquired: 10/12/2023 17:46:05      Type: Unk  
 Method: NON EPA-6010-200.7(v2034)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003059 | .0005313 | .0004075 |
| Stddev | .0037837 | .0010787 | .0003269 |
| %RSD   | 1236.869 | 203.0517 | 80.20615 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0045940 | -.000555 | .0007721 |
| #2 | -.001113 | .001602  | .0003101 |
| #3 | -.002563 | .000547  | .0001405 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2091.197 | 38446.32 | 11520.48 | 1801.849 | 2901.516 |
| Stddev    | 3.013    | 68.63    | 18.95    | 4.332    | 2.644    |
| %RSD      | .1440966 | .1784973 | .1644711 | .2404382 | .0911182 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2087.740 | 38520.24 | 11517.11 | 1806.788 | 2903.149 |
| #2 | 2092.580 | 38434.10 | 11503.44 | 1800.071 | 2898.465 |
| #3 | 2093.270 | 38384.63 | 11540.89 | 1798.689 | 2902.933 |