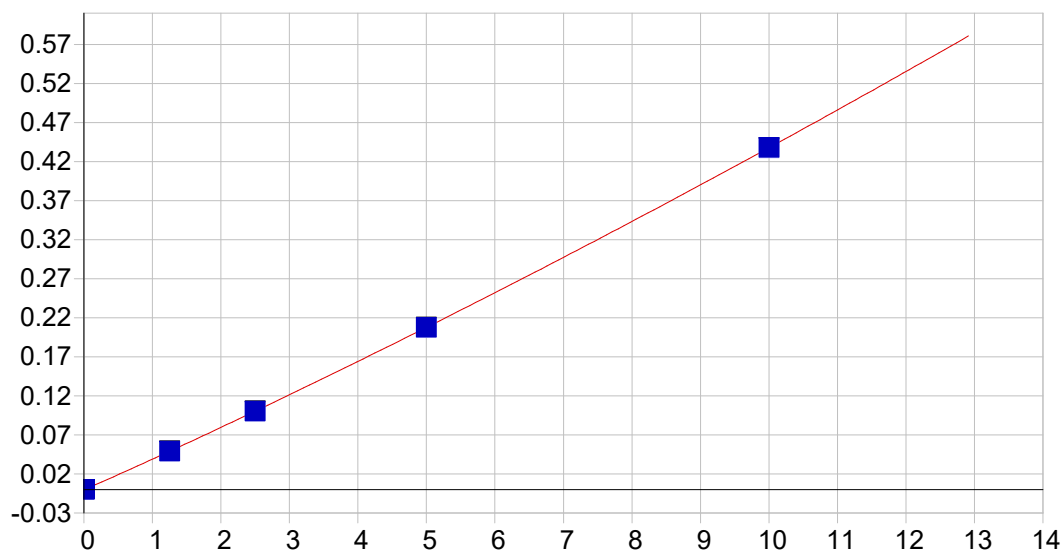




**As 189.042 {479}**

Date of Fit: 05/28/2020 12:24:27

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000083

Re-Slope: 1.000000

A1 (Gain): 0.038690

Y-int: 0.000000

A2 (Curvature): 0.000298

n (Exponent): 1.020000

Correlation: 0.999999

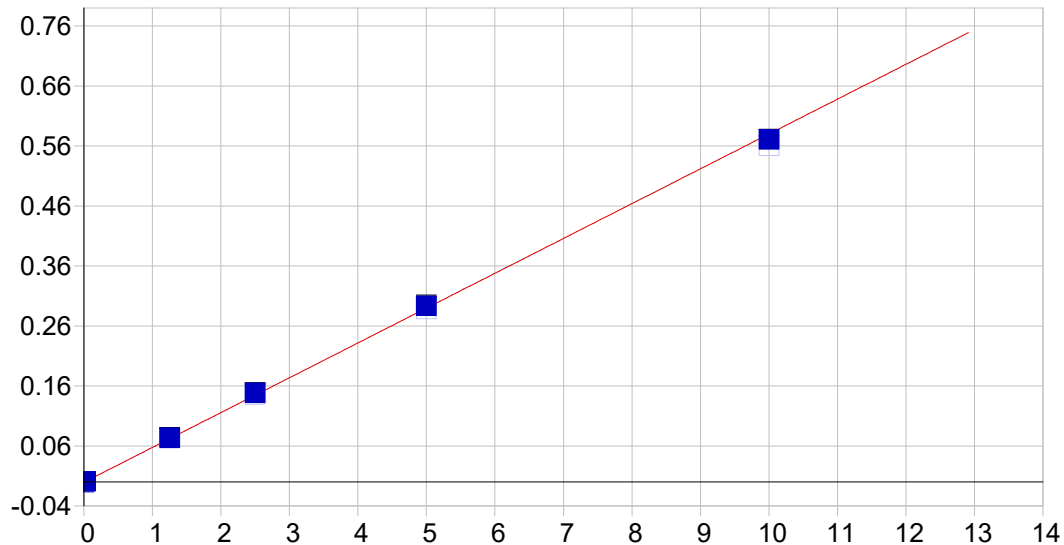
Status: Warning Positive Curvature

Std Error of Est: 0.000001

Predicted MDL: 0.005719

Predicted MQL: 0.019062

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00008 | .000    | 1        |
| S1        | .01000       | .01053      | .001       | 5.25    | .00029  | .000    | 1        |
| S2        | 1.2500       | 1.2503      | .000       | .026    | .04888  | .001    | 1        |
| S3        | 2.5000       | 2.5000      | -.000      | -.002   | .10016  | .000    | 1        |
| S4        | 5.0000       | 4.9988      | -.001      | -.024   | .20718  | .000    | 1        |
| S5        | 10.000       | 10.001      | .001       | .005    | .43692  | .000    | 1        |

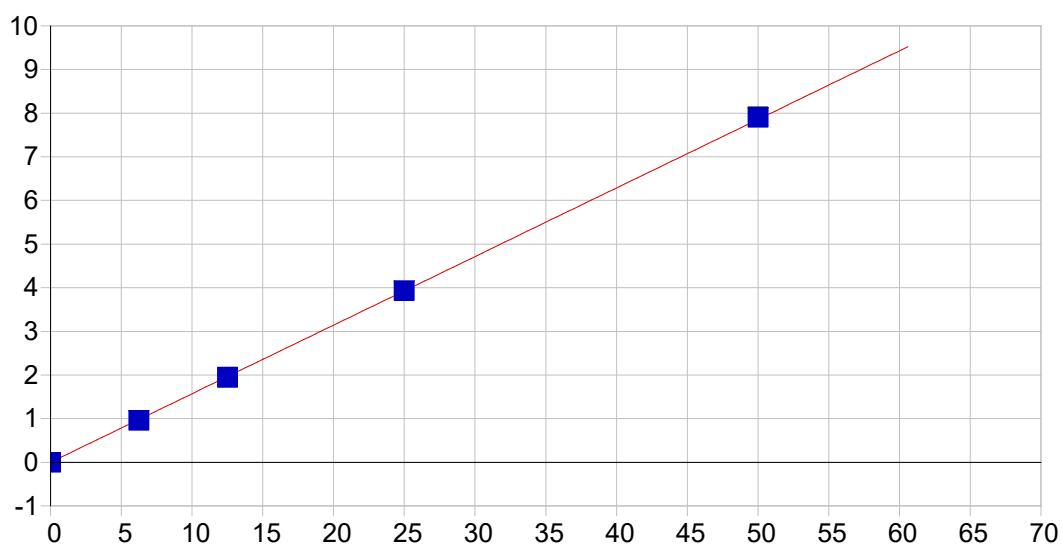


TI 190.856 {477}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000578 Re-Slope: 1.000000  
 A1 (Gain): 0.058054 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999818 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.002791  
 Predicted MQL: 0.009304

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00058 | .000    | 1        |
| S1        | .02500       | .02994      | .005       | 19.8    | .00110  | .000    | 1        |
| S2        | 1.2500       | 1.2802      | .030       | 2.42    | .07241  | .001    | 1        |
| S3        | 2.5000       | 2.5621      | .062       | 2.48    | .14548  | .001    | 1        |
| S4        | 5.0000       | 5.0630      | .063       | 1.26    | .28800  | .001    | 1        |
| S5        | 10.000       | 9.8400      | -.160      | -1.60   | .55997  | .001    | 1        |

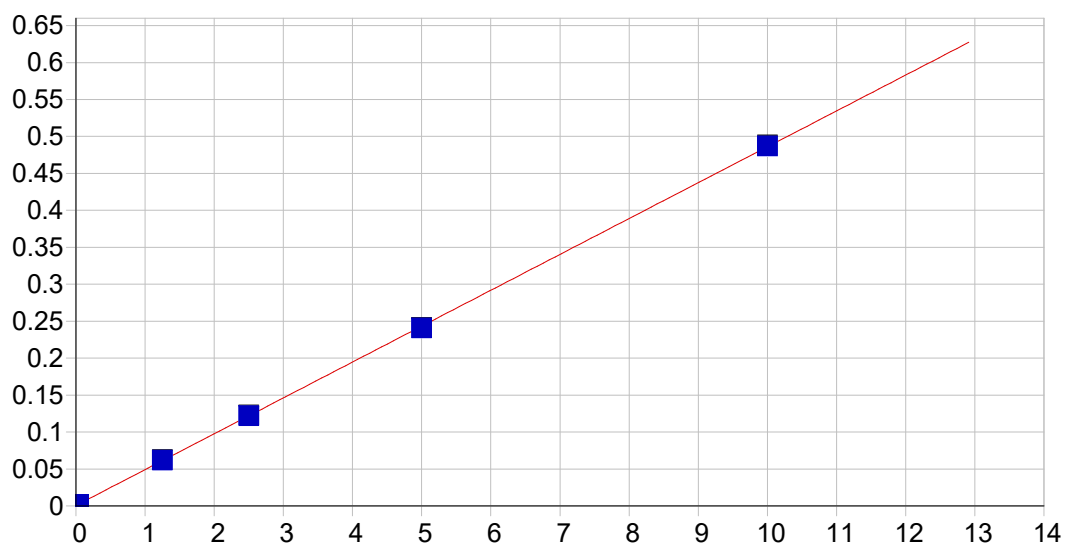


### Pb 220.353 {453}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000695 Re-Slope: 1.000000  
 A1 (Gain): 0.157163 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999958 Status: OK.  
 Std Error of Est: 0.000054  
 Predicted MDL: 0.002162  
 Predicted MQL: 0.007208

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00070 | .000    | 1        |
| S1        | .01000       | .01198      | .002       | 19.8    | .00119  | .000    | 1        |
| S2        | 6.2500       | 6.0785      | -.171      | -2.74   | .95488  | .002    | 1        |
| S3        | 12.500       | 12.376      | -.124      | -.994   | 1.9448  | .003    | 1        |
| S4        | 25.000       | 25.019      | .019       | .076    | 3.9324  | .003    | 1        |
| S5        | 50.000       | 50.275      | .275       | .549    | 7.9027  | .009    | 1        |

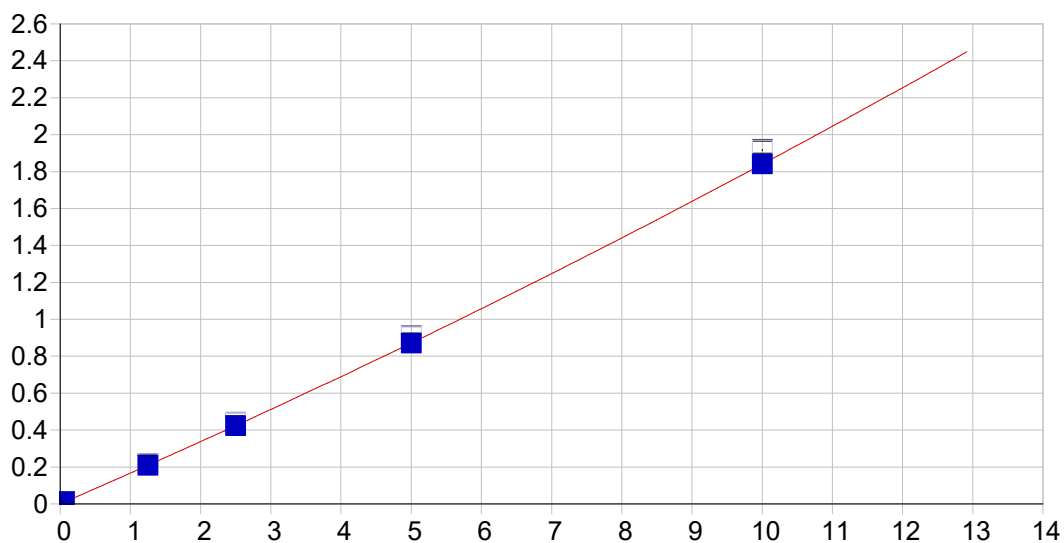


Se 196.090 {472}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000560 Re-Slope: 1.000000  
 A1 (Gain): 0.048544 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999923 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.004827  
 Predicted MQL: 0.016091

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00056 | .000    | 1        |
| S1        | .03500       | .04389      | .009       | 25.4    | .00269 | .000    | 1        |
| S2        | 1.2500       | 1.2616      | .012       | .928    | .06164 | .000    | 1        |
| S3        | 2.5000       | 2.5032      | .003       | .127    | .12175 | .001    | 1        |
| S4        | 5.0000       | 4.9519      | -.048      | -.963   | .24030 | .000    | 1        |
| S5        | 10.000       | 10.024      | .024       | .245    | .48591 | .001    | 1        |

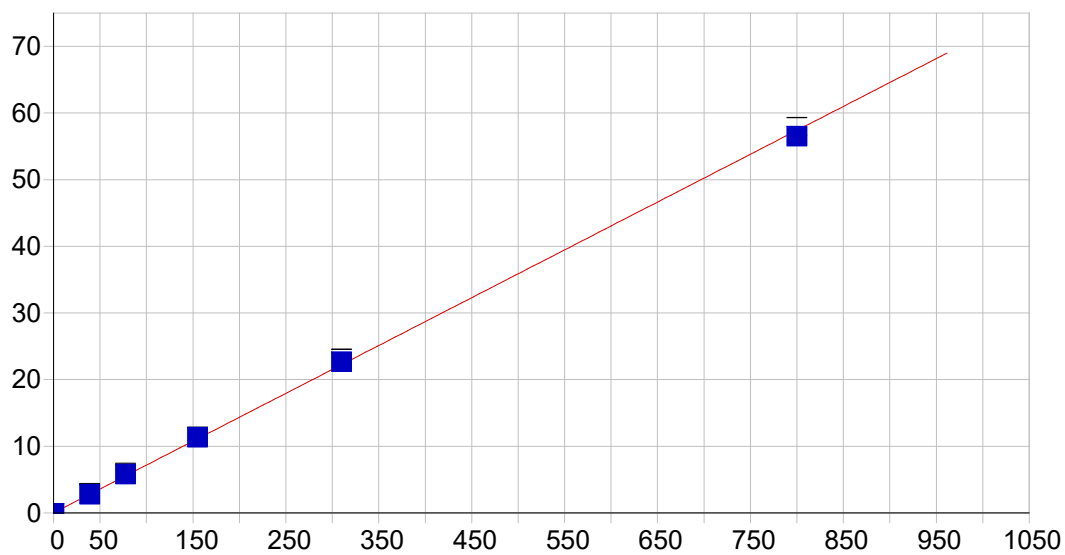


**Sb 206.833 {463}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.000440 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.164499 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.001944 |           |                            |
| n (Exponent):     | 1.000000 |           |                            |
| Correlation:      | 0.999928 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000106 |           |                            |
| Predicted MDL:    | 0.002115 |           |                            |
| Predicted MQL:    | 0.007051 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00044 | .000    | 1        |
| S1        | .06000       | .07428      | .014       | 23.8    | .01268 | .000    | 1        |
| S2        | 1.2500       | 1.2449      | -.005      | -.405   | .21771 | .000    | 1        |
| S3        | 2.5000       | 2.4935      | -.006      | -.259   | .44164 | .001    | 1        |
| S4        | 5.0000       | 4.9930      | -.007      | -.139   | .90812 | .002    | 1        |
| S5        | 10.000       | 10.005      | .005       | .050    | 1.9166 | .005    | 1        |

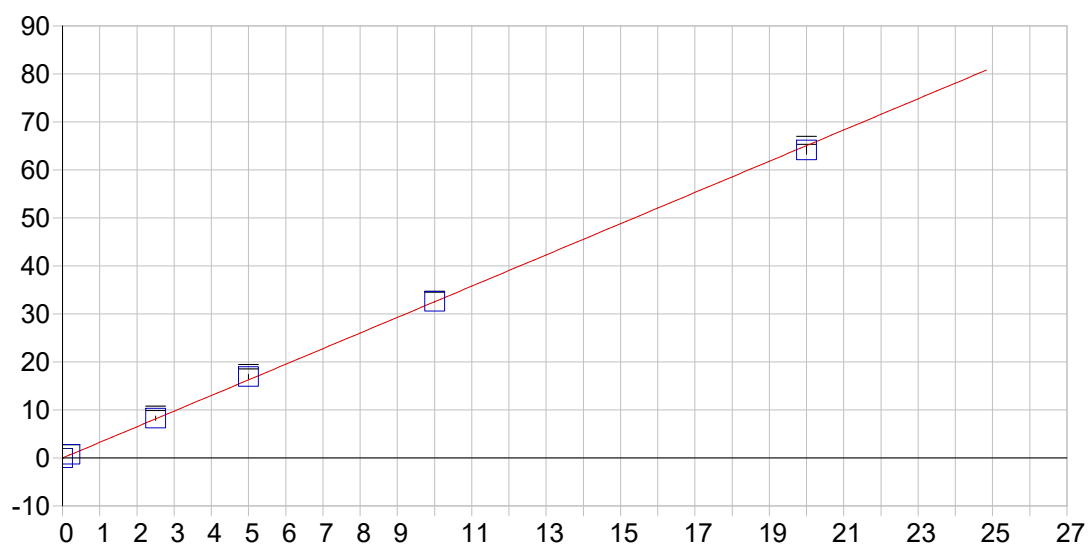


AI 396.152 { 85}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000668 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.071757 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999806 | Status:   | OK.      |
| Std Error of Est: | 0.000880 |           |          |
| Predicted MDL:    | 0.009144 |           |          |
| Predicted MQL:    | 0.030479 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00067 | .000    | 1        |
| S1        | .20000       | .22675      | .027       | 13.4    | .01719 | .000    | 1        |
| S2        | 38.750       | 38.873      | .123       | .318    | 2.7956 | .154    | 1        |
| S3        | 77.500       | 80.986      | 3.49       | 4.50    | 5.8231 | .123    | 1        |
| S4        | 155.00       | 158.10      | 3.10       | 2.00    | 11.368 | .021    | 1        |
| S5        | 310.00       | 315.93      | 5.93       | 1.91    | 22.715 | .388    | 1        |
| S6        | 800.00       | 787.31      | -12.7      | -1.59   | 56.531 | 1.32    | 1        |

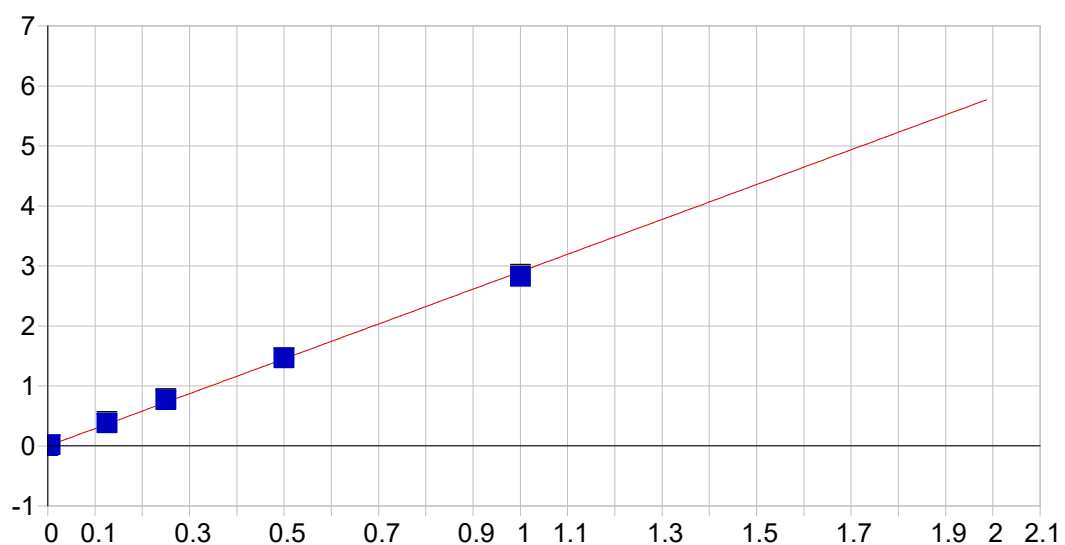


**Ba 493.409 { 68}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011925 Re-Slope: 1.000000  
 A1 (Gain): 3.253808 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999786 Status: OK.  
 Std Error of Est: 0.007158  
 Predicted MDL: 0.000482  
 Predicted MQL: 0.001605

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | -.01202 | .001    | 1        |
| S1        | .20000       | .21986      | .020       | 9.93    | .70345  | .017    | 1        |
| S2        | 2.5000       | 2.5458      | .046       | 1.83    | 8.2715  | .450    | 1        |
| S3        | 5.0000       | 5.2112      | .211       | 4.22    | 16.944  | .461    | 1        |
| S4        | 10.000       | 10.019      | .019       | .189    | 32.588  | .097    | 1        |
| S5        | 20.000       | 19.704      | -.296      | -1.48   | 64.102  | .823    | 1        |



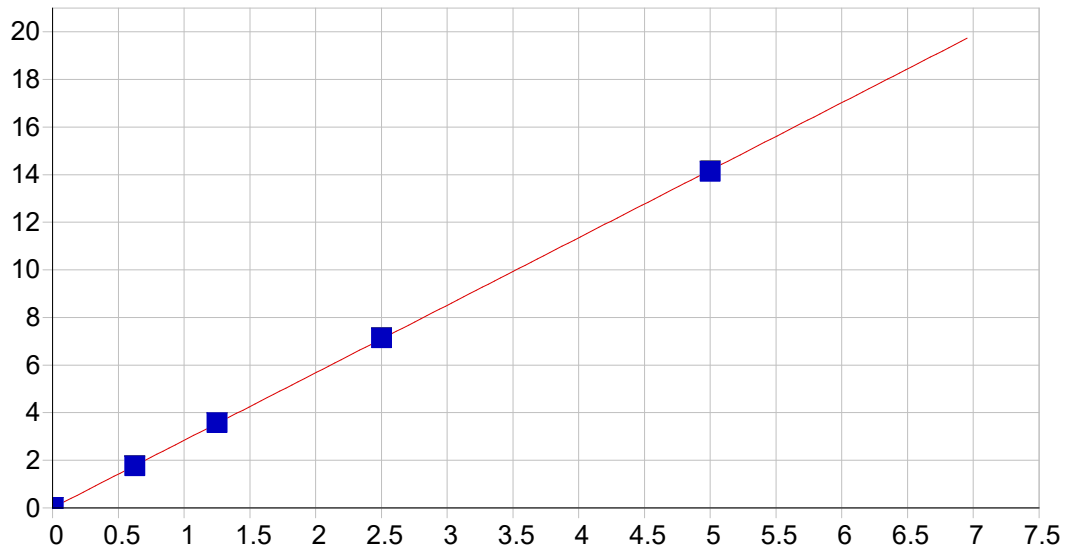
**Be 234.861 {144}**

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000761 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.904248  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999362  | Status:   | OK.      |
| Std Error of Est: | 0.000388  |           |          |
| Predicted MDL:    | 0.000077  |           |          |
| Predicted MQL:    | 0.000255  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00077 | .000    | 1        |
| S1        | .00500       | .00611      | .001       | 22.2    | .01697  | .001    | 1        |
| S2        | .12500       | .13166      | .007       | 5.33    | .38040  | .020    | 1        |
| S3        | .25000       | .26528      | .015       | 6.11    | .76727  | .016    | 1        |
| S4        | .50000       | .50517      | .005       | 1.03    | 1.4615  | .008    | 1        |
| S5        | 1.0000       | .97179      | -.028      | -2.82   | 2.8119  | .037    | 1        |



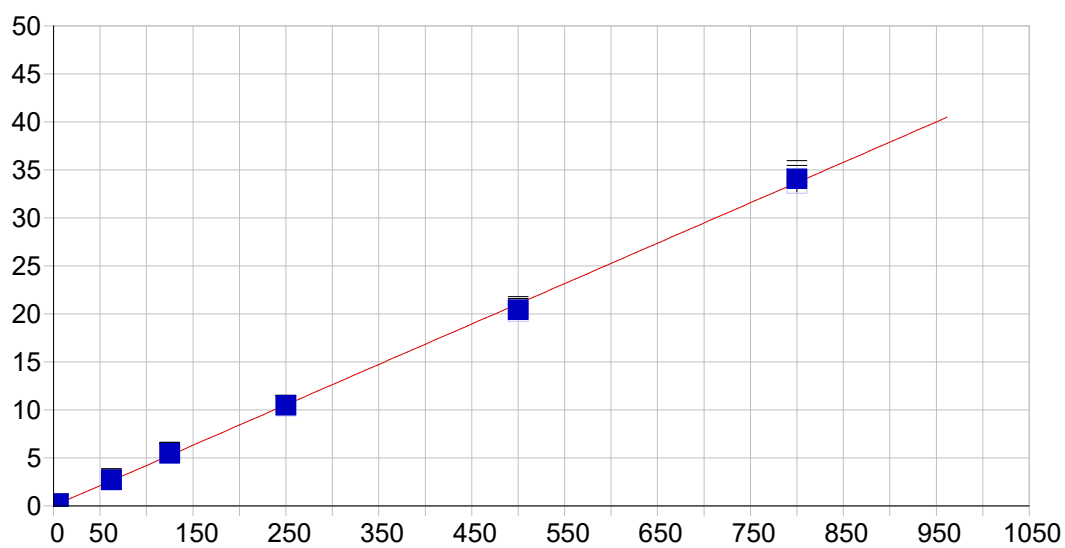


**Cd 214.438 {457}**

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001085 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.837485 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999981 | Status:   | OK.      |
| Std Error of Est: | 0.000148 |           |          |
| Predicted MDL:    | 0.000095 |           |          |
| Predicted MQL:    | 0.000317 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00108 | .000    | 1        |
| S1        | .00500       | .00580      | .001       | 16.0    | .01755 | .000    | 1        |
| S2        | .62500       | .62106      | -.004      | -.631   | 1.7661 | .003    | 1        |
| S3        | 1.2500       | 1.2588      | .009       | .700    | 3.5782 | .003    | 1        |
| S4        | 2.5000       | 2.5138      | .014       | .550    | 7.1447 | .013    | 1        |
| S5        | 5.0000       | 4.9806      | -.019      | -.387   | 14.155 | .012    | 1        |

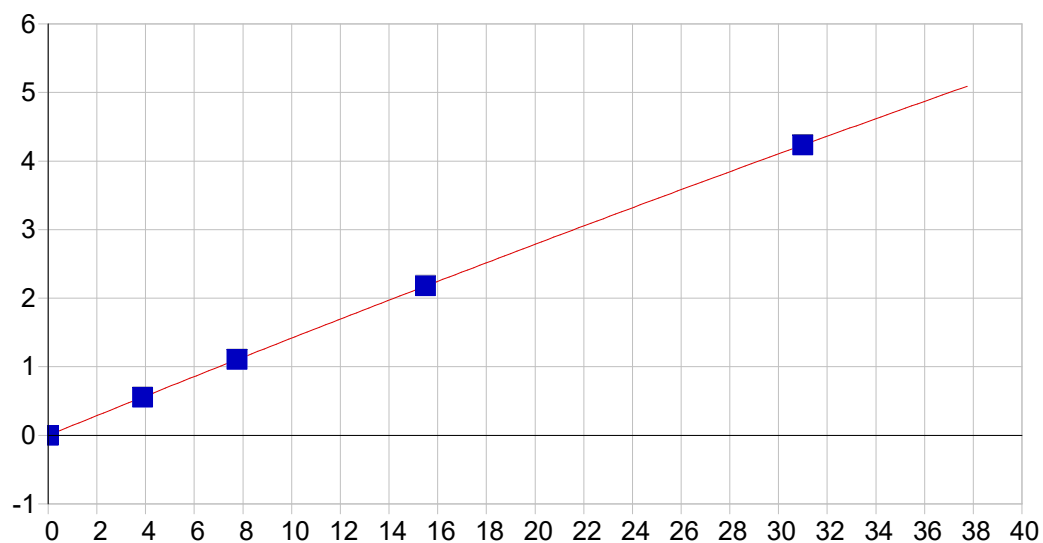


Ca 373.690 { 90}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002610 Re-Slope: 1.000000  
 A1 (Gain): 0.042101 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999735 Status: OK.  
 Std Error of Est: 0.003344  
 Predicted MDL: 0.013841  
 Predicted MQL: 0.046136

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00098     | -.001      | .000    | .00257 | .000    | 1        |
| S1        | 5.0000       | 5.8054      | .805       | 16.1    | .24696 | .005    | 1        |
| S2        | 62.500       | 63.819      | 1.32       | 2.11    | 2.6659 | .147    | 1        |
| S3        | 125.00       | 129.74      | 4.74       | 3.79    | 5.4176 | .147    | 1        |
| S4        | 250.00       | 248.64      | -1.36      | -.546   | 10.376 | .026    | 1        |
| S5        | 500.00       | 485.08      | -14.9      | -2.98   | 20.236 | .326    | 1        |
| S6        | 800.00       | 809.47      | 9.47       | 1.18    | 33.580 | .866    | 1        |

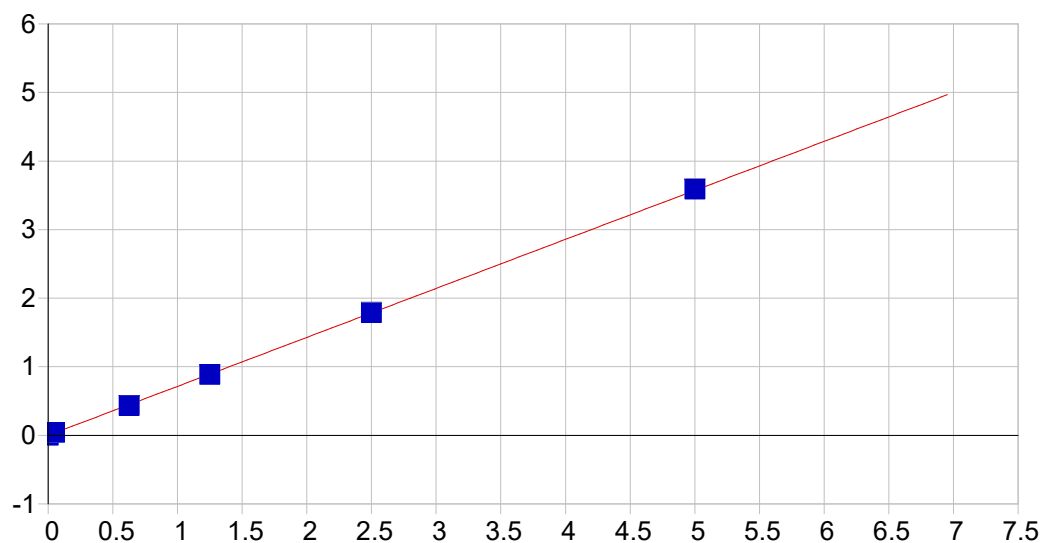


### Cr 267.716 {126}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000  
 A1 (Gain): 0.144308 Y-int: 0.000000  
 A2 (Curvature): -0.000250  
 n (Exponent): 1.000000  
 Correlation: 0.999995 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.000473  
 Predicted MQL: 0.001577

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .01193      | .002       | 19.3    | .00166  | .000    | 1        |
| S2        | 3.8750       | 3.8533      | -.022      | -.560   | .55298  | .001    | 1        |
| S3        | 7.7500       | 7.7569      | .007       | .089    | 1.1057  | .002    | 1        |
| S4        | 15.500       | 15.525      | .025       | .161    | 2.1828  | .005    | 1        |
| S5        | 31.000       | 30.988      | -.012      | -.039   | 4.2371  | .005    | 1        |

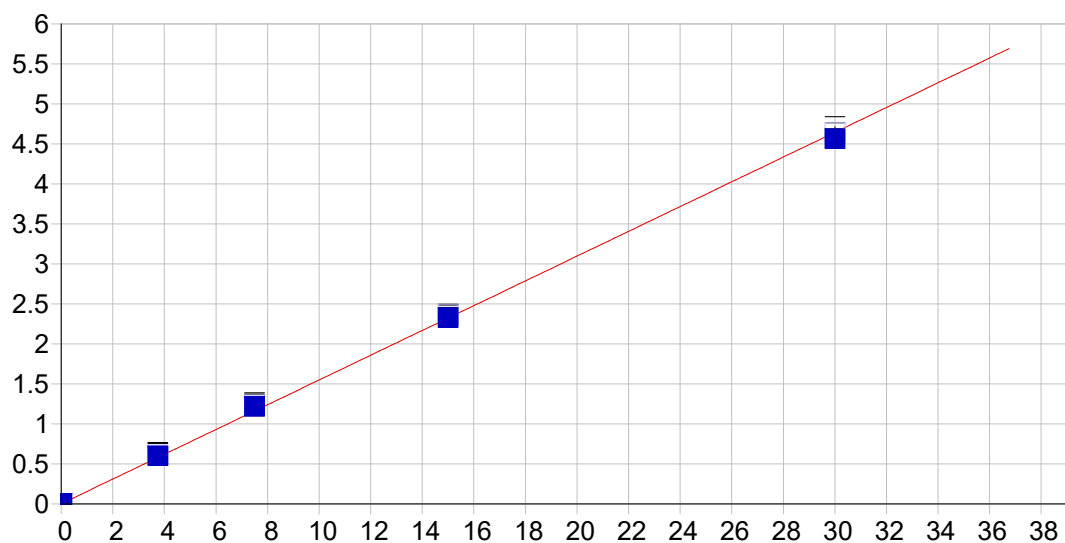


**Co 228.616 {448}**

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000038 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.714373 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999932 | Status:   | OK.      |
| Std Error of Est: | 0.000222 |           |          |
| Predicted MDL:    | 0.000327 |           |          |
| Predicted MQL:    | 0.001089 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .05000       | .05481      | .005       | 9.62    | .03932 | .000    | 1        |
| S2        | .62500       | .60583      | -.019      | -3.07   | .43354 | .001    | 1        |
| S3        | 1.2500       | 1.2374      | -.013      | -1.01   | .88544 | .001    | 1        |
| S4        | 2.5000       | 2.5031      | .003       | .124    | 1.7910 | .005    | 1        |
| S5        | 5.0000       | 5.0238      | .024       | .476    | 3.5946 | .002    | 1        |

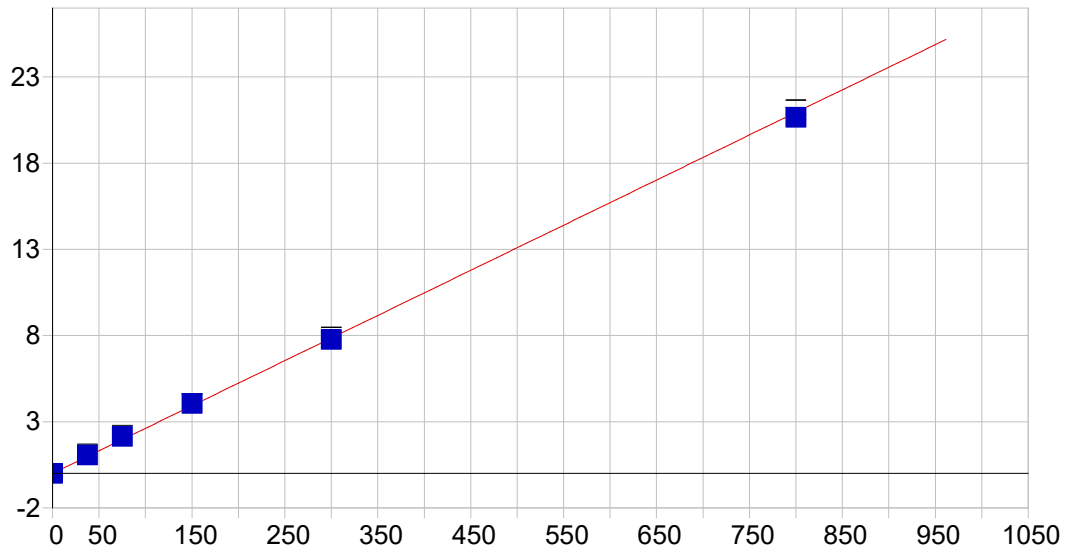


**Cu 324.754 {104}**

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001057 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.154804 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999740 | Status:   | OK.      |
| Std Error of Est: | 0.000165 |           |          |
| Predicted MDL:    | 0.002339 |           |          |
| Predicted MQL:    | 0.007795 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00106 | .000    | 1        |
| S1        | .02500       | .02377      | -.001      | -4.92   | .00551 | .000    | 1        |
| S2        | 3.7500       | 3.8768      | .127       | 3.38    | .61051 | .032    | 1        |
| S3        | 7.5000       | 7.8571      | .357       | 4.76    | 1.2360 | .029    | 1        |
| S4        | 15.000       | 15.032      | .032       | .213    | 2.3653 | .006    | 1        |
| S5        | 30.000       | 29.486      | -.514      | -1.71   | 4.6400 | .075    | 1        |

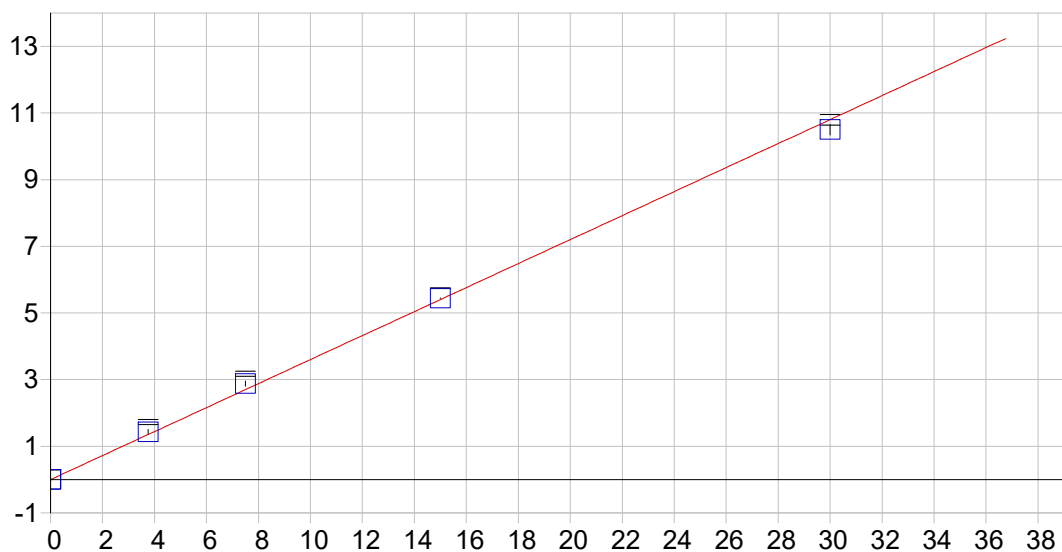


**Fe 259.837 {130}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000  
 A1 (Gain): 0.026185 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999540 Status: OK.  
 Std Error of Est: 0.000347  
 Predicted MDL: 0.007195  
 Predicted MQL: 0.023984

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00005     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .10000       | .12772      | .028       | 27.7    | .00346 | .000    | 1        |
| S2        | 37.500       | 40.717      | 3.22       | 8.58    | 1.0682 | .058    | 1        |
| S3        | 75.000       | 81.966      | 6.97       | 9.29    | 2.1504 | .058    | 1        |
| S4        | 150.00       | 154.44      | 4.44       | 2.96    | 4.0522 | .004    | 1        |
| S5        | 300.00       | 296.52      | -3.48      | -1.16   | 7.7808 | .129    | 1        |
| S6        | 800.00       | 788.82      | -11.2      | -1.40   | 20.682 | .419    | 1        |

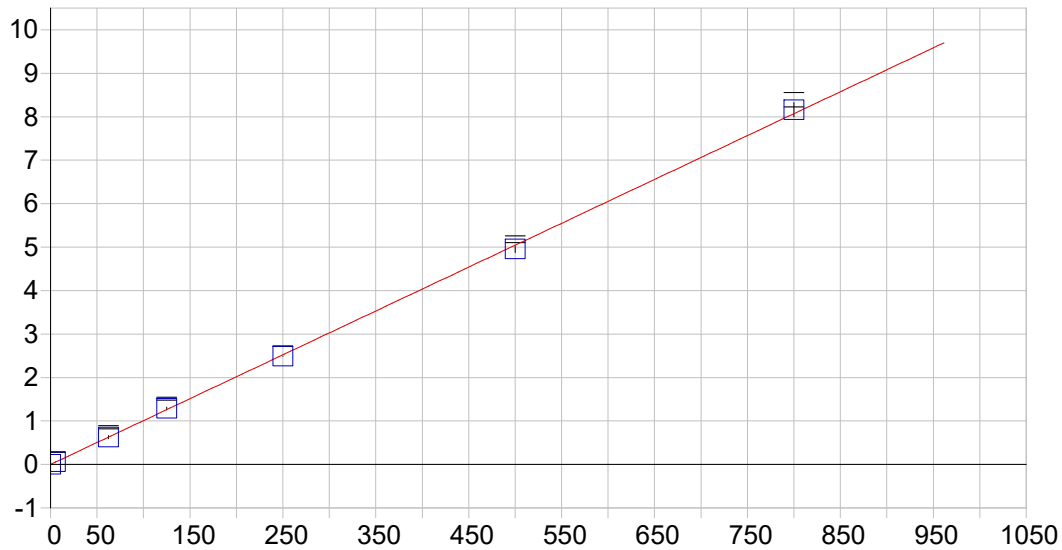


### Mn 257.610 {131}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000  
 A1 (Gain): 0.360093 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999363 Status: OK.  
 Std Error of Est: 0.000457  
 Predicted MDL: 0.000467  
 Predicted MQL: 0.001556

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .01500       | .01924      | .004       | 28.2    | .00699 | .000    | 1        |
| S2        | 3.7500       | 3.9688      | .219       | 5.83    | 1.4292 | .077    | 1        |
| S3        | 7.5000       | 8.0034      | .503       | 6.71    | 2.8820 | .074    | 1        |
| S4        | 15.000       | 15.108      | .108       | .723    | 5.4405 | .010    | 1        |
| S5        | 30.000       | 29.165      | -.835      | -2.78   | 10.502 | .160    | 1        |



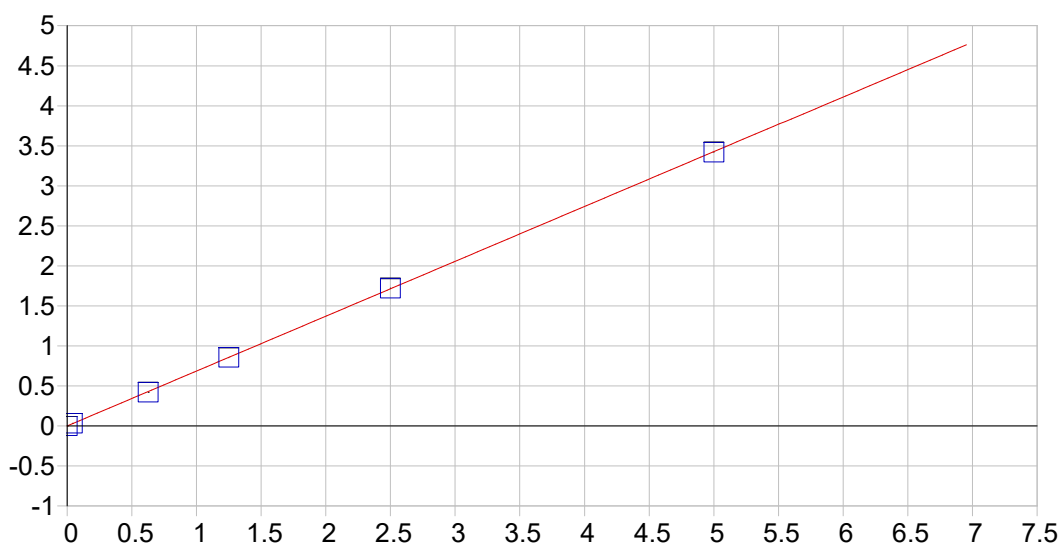
### Mg 279.079 {121}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000109 Re-Slope: 1.000000  
 A1 (Gain): 0.010089 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999865 Status: OK.  
 Std Error of Est: 0.000578  
 Predicted MDL: 0.022713  
 Predicted MQL: 0.075710

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00072     | -.001      | .000    | -.00012 | .000    | 1        |
| S1        | 5.0000       | 5.7258      | .726       | 14.5    | .05766  | .002    | 1        |
| S2        | 62.500       | 62.199      | -.301      | -.481   | .62740  | .035    | 1        |
| S3        | 125.00       | 127.81      | 2.81       | 2.25    | 1.2893  | .033    | 1        |
| S4        | 250.00       | 246.99      | -3.01      | -1.21   | 2.4917  | .003    | 1        |
| S5        | 500.00       | 490.92      | -9.08      | -1.82   | 4.9527  | .075    | 1        |
| S6        | 800.00       | 808.85      | 8.85       | 1.11    | 8.1602  | .165    | 1        |



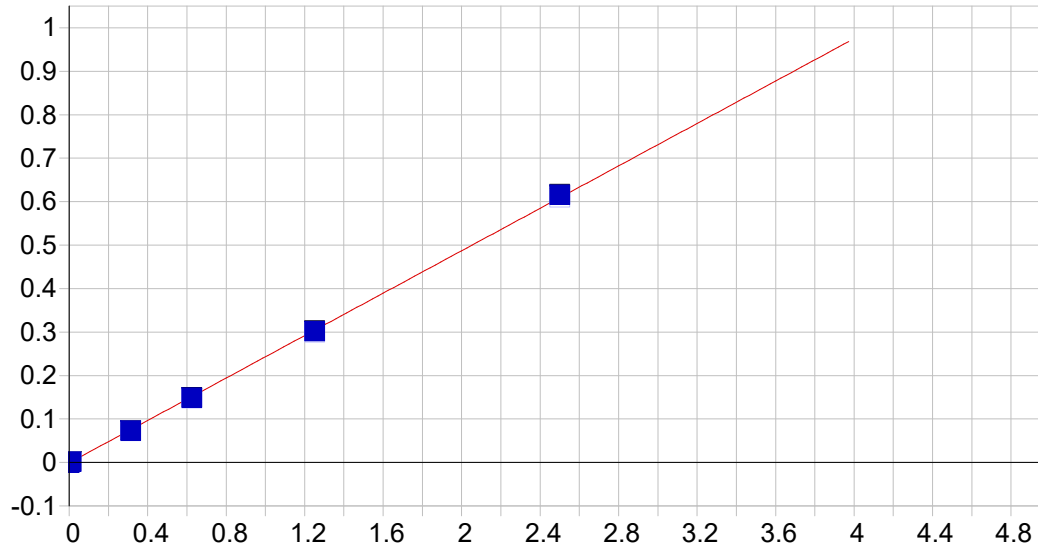


**Ni 231.604 {446}**

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001093 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.685252  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999929  | Status:   | OK.      |
| Std Error of Est: | 0.000194  |           |          |
| Predicted MDL:    | 0.000510  |           |          |
| Predicted MQL:    | 0.001699  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00110 | .000    | 1        |
| S1        | .04000       | .04672      | .007       | 16.8    | .03092  | .000    | 1        |
| S2        | .62500       | .61564      | -.009      | -1.50   | .42078  | .001    | 1        |
| S3        | 1.2500       | 1.2492      | -.001      | -.066   | .85491  | .002    | 1        |
| S4        | 2.5000       | 2.5119      | .012       | .476    | 1.7202  | .003    | 1        |
| S5        | 5.0000       | 4.9915      | -.008      | -.169   | 3.4194  | .002    | 1        |

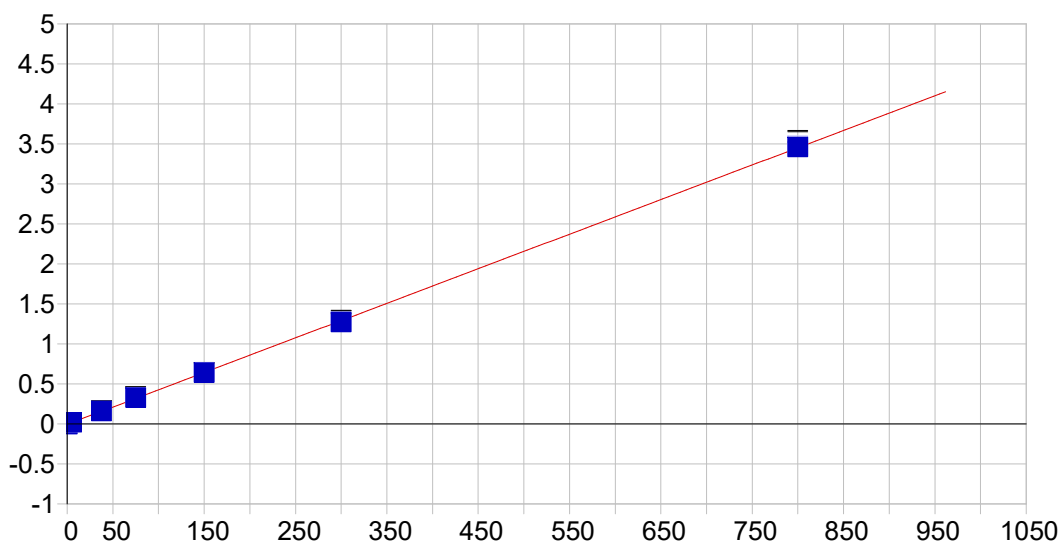


### Ag 328.068 {103}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000976 Re-Slope: 1.000000  
 A1 (Gain): 0.244016 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999888 Status: OK.  
 Std Error of Est: 0.000030  
 Predicted MDL: 0.000501  
 Predicted MQL: 0.001670

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00098 | .000    | 1        |
| S1        | .01000       | .01122      | .001       | 12.2    | .00174  | .000    | 1        |
| S2        | .31250       | .30208      | -.010      | -3.34   | .07197  | .000    | 1        |
| S3        | .62500       | .61394      | -.011      | -1.77   | .14731  | .000    | 1        |
| S4        | 1.2500       | 1.2429      | -.007      | -.564   | .29927  | .001    | 1        |
| S5        | 2.5000       | 2.5273      | .027       | 1.09    | .60963  | .001    | 1        |

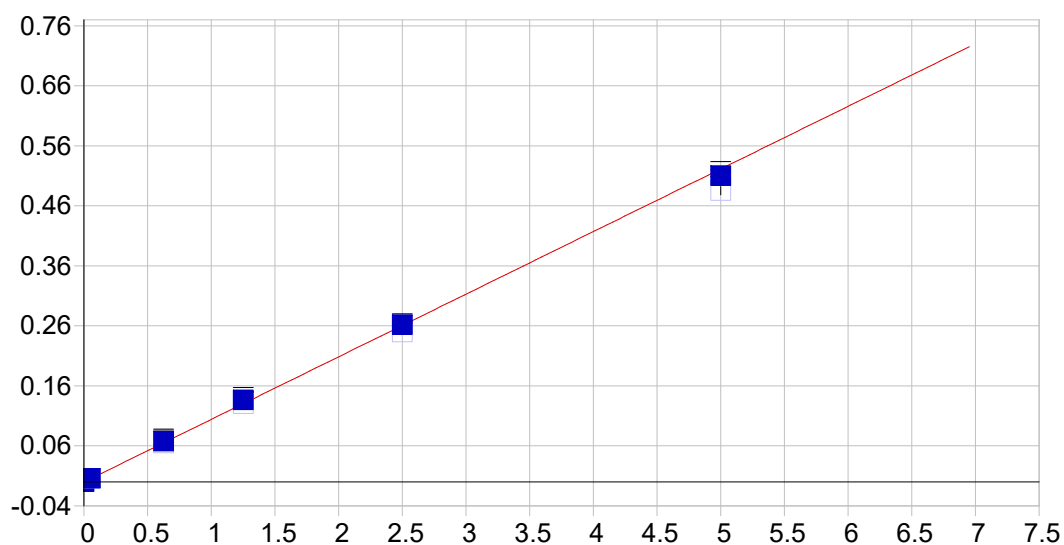


Na 818.326 { 41}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005387 Re-Slope: 1.000000  
 A1 (Gain): 0.004322 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999881 Status: OK.  
 Std Error of Est: 0.000207  
 Predicted MDL: 0.249829  
 Predicted MQL: 0.832763

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00103     | -.001      | .000    | -.00539 | .000    | 1        |
| S1        | 5.0000       | 5.9131      | .913       | 18.3    | .02017  | .001    | 1        |
| S2        | 37.500       | 37.866      | .366       | .977    | .15901  | .009    | 1        |
| S3        | 75.000       | 77.375      | 2.37       | 3.17    | .33050  | .009    | 1        |
| S4        | 150.00       | 149.15      | -.848      | -.565   | .64219  | .001    | 1        |
| S5        | 300.00       | 295.33      | -4.67      | -1.56   | 1.2769  | .018    | 1        |
| S6        | 800.00       | 801.87      | 1.87       | .233    | 3.4760  | .068    | 1        |

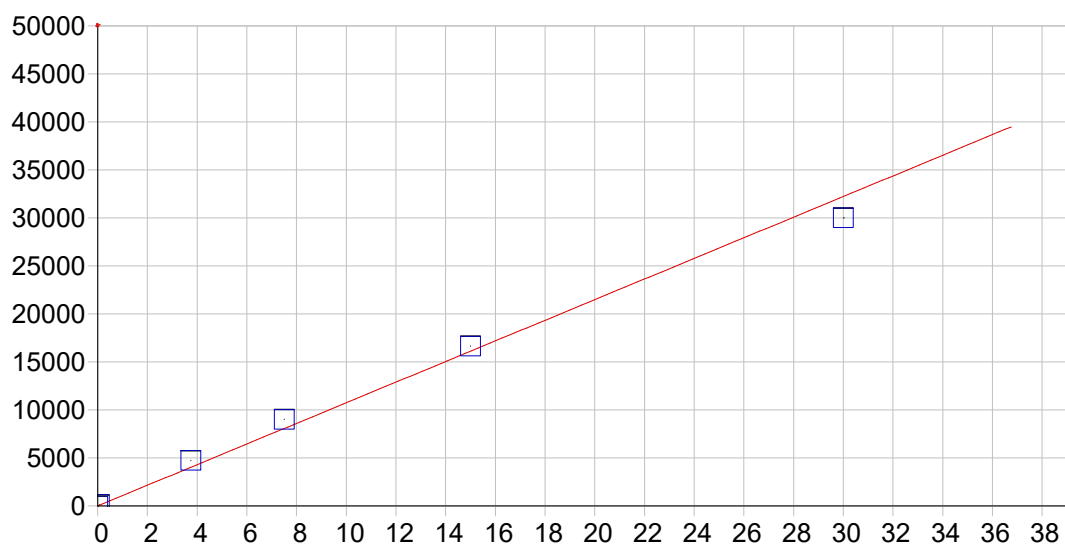


**V 292.402 {115}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000  
 A1 (Gain): 0.104338 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999530 Status: OK.  
 Std Error of Est: 0.000081  
 Predicted MDL: 0.002536  
 Predicted MQL: 0.008455

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00020 | .000    | 1        |
| S1        | .05000       | .05937      | .009       | 18.7    | .00598  | .000    | 1        |
| S2        | .62500       | .64881      | .024       | 3.81    | .06437  | .004    | 1        |
| S3        | 1.2500       | 1.3112      | .061       | 4.89    | .13035  | .004    | 1        |
| S4        | 2.5000       | 2.5127      | .013       | .507    | .24946  | .001    | 1        |
| S5        | 5.0000       | 4.8925      | -.107      | -2.15   | .48527  | .007    | 1        |

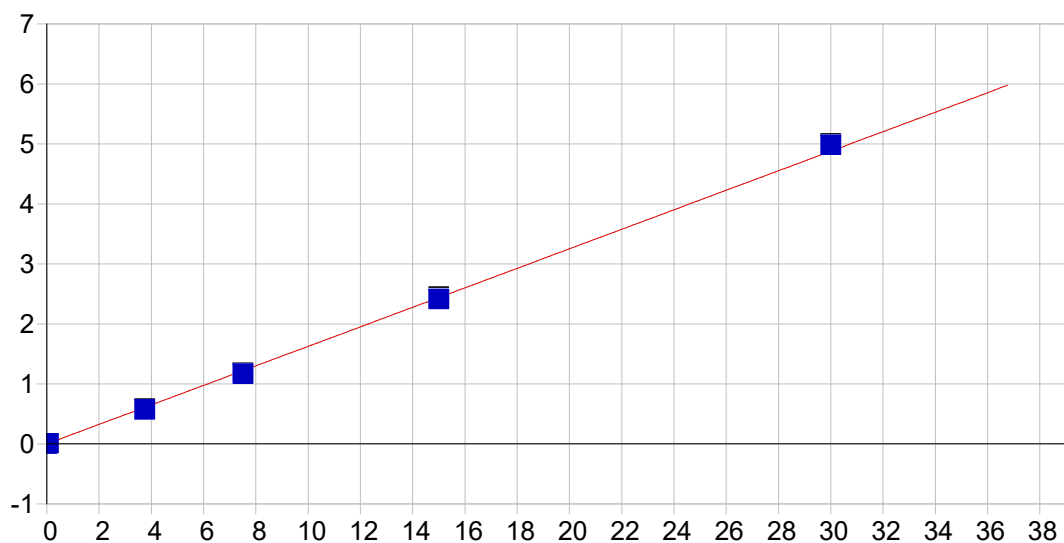


**Zn 206.200 {464}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2.081045 Re-Slope: 1.000000  
 A1 (Gain): 1074.183482 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996350 Status: OK.  
 Std Error of Est: 6.548488  
 Predicted MDL: 0.000485  
 Predicted MQL: 0.001617

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00006     | -.000      | .000    | 2.0142 | .226    | 1        |
| S1        | .06000       | .10699      | .047       | 78.3    | 117.00 | .479    | 1        |
| S2        | 3.7500       | 4.3946      | .645       | 17.2    | 4722.7 | 6.79    | 1        |
| S3        | 7.5000       | 8.3919      | .892       | 11.9    | 9016.5 | 7.56    | 1        |
| S4        | 15.000       | 15.491      | .491       | 3.28    | 16643. | 22.2    | 1        |
| S5        | 30.000       | 27.925      | -2.08      | -6.92   | 29999. | 14.9    | 1        |

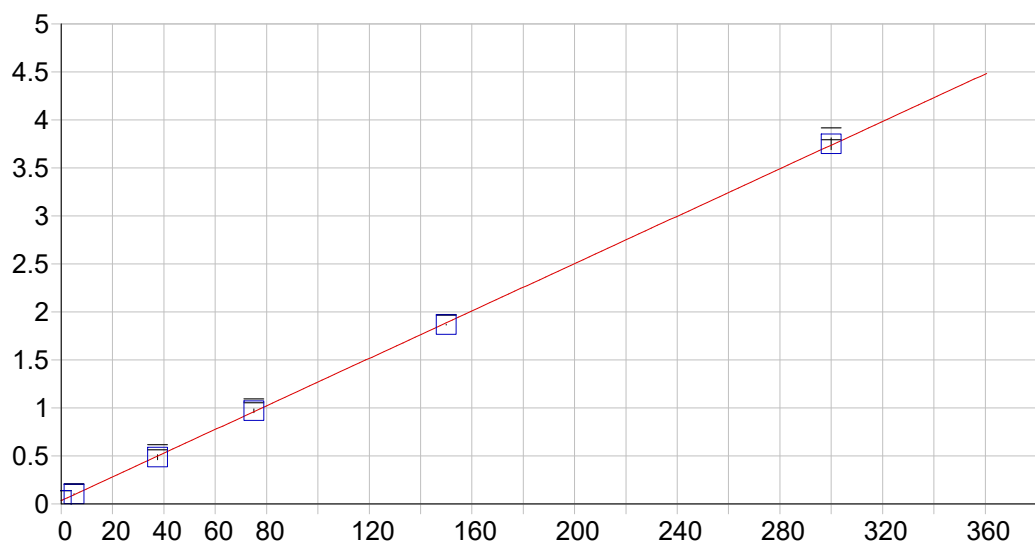


### Zn 213.856 {158}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000326 Re-Slope: 1.000000  
 A1 (Gain): 0.162610 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999631 Status: OK.  
 Std Error of Est: 0.000315  
 Predicted MDL: 0.003693  
 Predicted MQL: 0.012309

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00033 | .001    | 1        |
| S1        | .06000       | .07388      | .014       | 23.1    | .01172  | .001    | 1        |
| S2        | 3.7500       | 3.5368      | -.213      | -5.69   | .57579  | .006    | 1        |
| S3        | 7.5000       | 7.2060      | -.294      | -3.92   | 1.1734  | .010    | 1        |
| S4        | 15.000       | 14.856      | -.144      | -.957   | 2.4195  | .030    | 1        |
| S5        | 30.000       | 30.637      | .637       | 2.12    | 4.9895  | .014    | 1        |

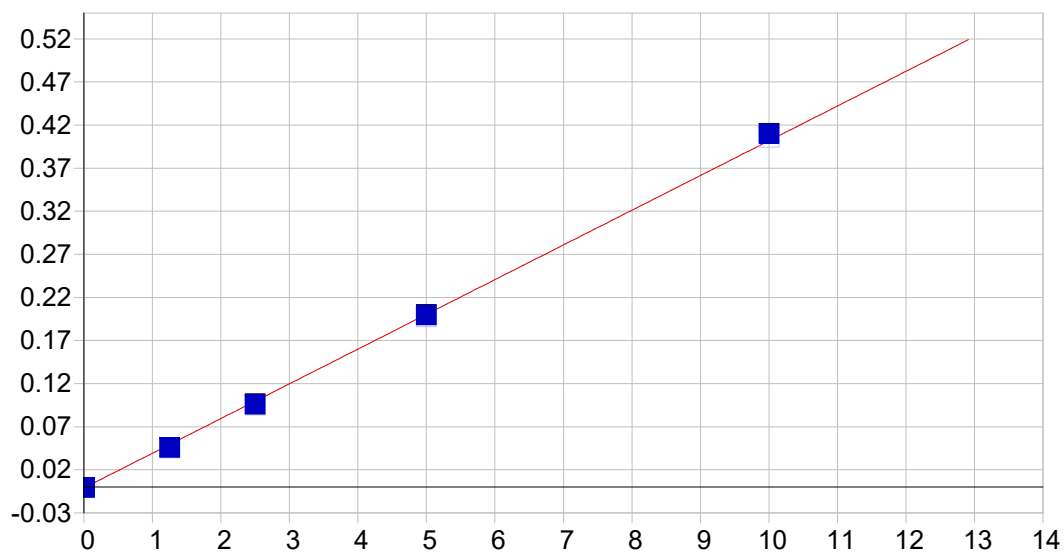


K 769.896 { 44 }

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.035130 Re-Slope: 1.000000  
 A1 (Gain): 0.012340 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999887 Status: OK.  
 Std Error of Est: 0.000383  
 Predicted MDL: 0.071572  
 Predicted MQL: 0.238574

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00052     | -.001      | .000    | .03512 | .001    | 1        |
| S1        | 5.0000       | 5.6293      | .629       | 12.6    | .10460 | .003    | 1        |
| S2        | 37.500       | 36.590      | -.910      | -2.43   | .48667 | .025    | 1        |
| S3        | 75.000       | 75.730      | .730       | .974    | .96968 | .020    | 1        |
| S4        | 150.00       | 148.44      | -1.56      | -1.04   | 1.8670 | .004    | 1        |
| S5        | 300.00       | 301.11      | 1.11       | .370    | 3.7509 | .062    | 1        |



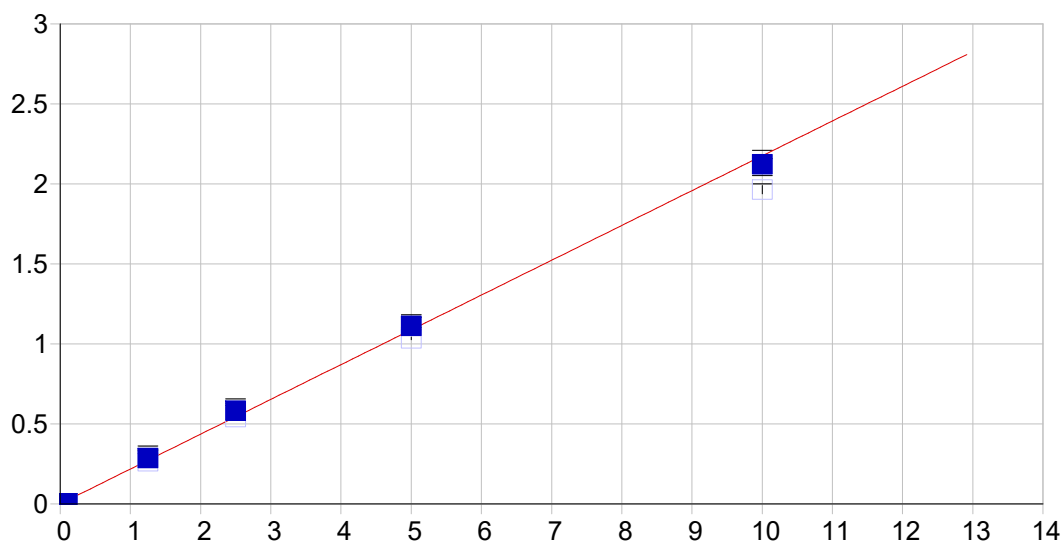
P 177.495 {490}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001071 Re-Slope: 1.000000  
 A1 (Gain): 0.040289 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999619 Status: OK.  
 Std Error of Est: 0.000018  
 Predicted MDL: 0.003376  
 Predicted MQL: 0.011254

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00107 | .000    | 1        |
| S1        | .01000       | .00890      | -.001      | -11.0   | -.00071 | .000    | 1        |
| S2        | 1.2500       | 1.1616      | -.088      | -7.07   | .04516  | .000    | 1        |
| S3        | 2.5000       | 2.4063      | -.094      | -3.75   | .09475  | .001    | 1        |
| S4        | 5.0000       | 4.9821      | -.018      | -.357   | .19740  | .001    | 1        |
| S5        | 10.000       | 10.201      | .201       | 2.01    | .40540  | .000    | 1        |



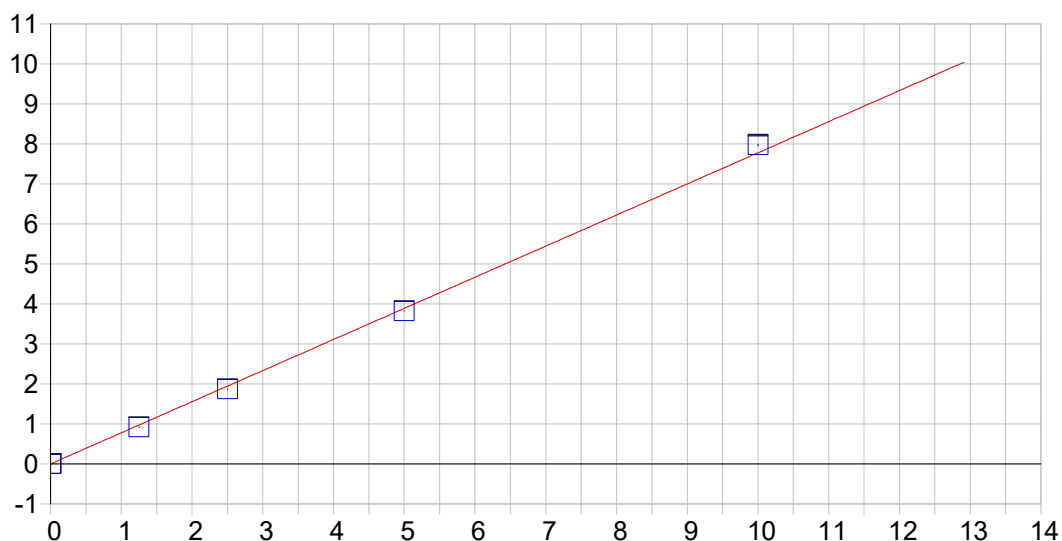


**B 249.678 {135}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000767 Re-Slope: 1.000000  
 A1 (Gain): 0.217450 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996943 Status: OK.  
 Std Error of Est: 0.000840  
 Predicted MDL: 0.001127  
 Predicted MQL: 0.003756

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00008      | .000       | .000    | .00078 | .000    | 1        |
| S1        | .10000       | .01250      | -.088      | -87.5   | .00344 | .000    | 1        |
| S2        | 1.2500       | 1.3096      | .060       | 4.77    | .26581 | .015    | 1        |
| S3        | 2.5000       | 2.6697      | .170       | 6.79    | .54184 | .013    | 1        |
| S4        | 5.0000       | 5.1126      | .113       | 2.25    | 1.0336 | .008    | 1        |
| S5        | 10.000       | 9.7522      | -.248      | -2.48   | 1.9636 | .026    | 1        |

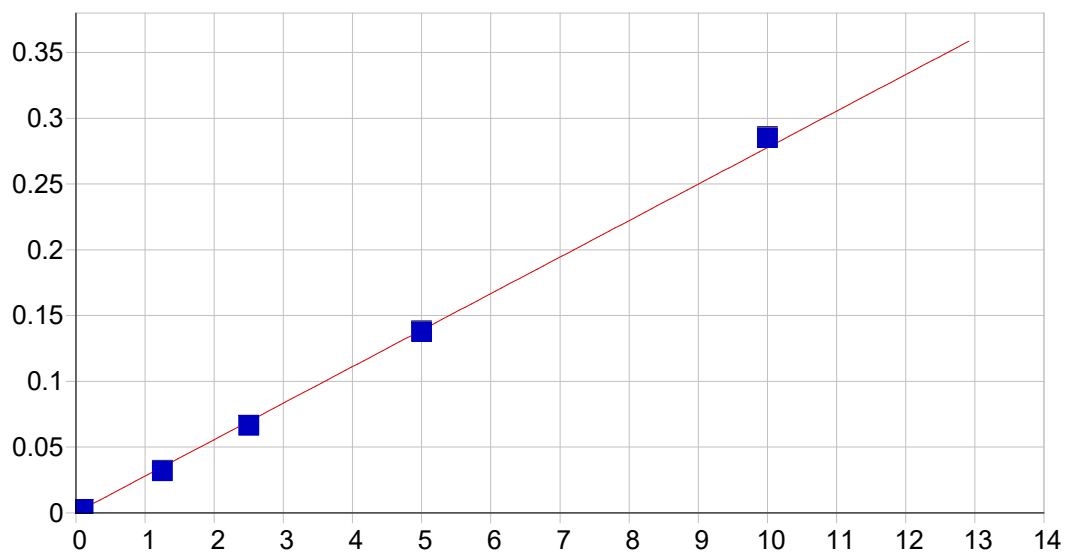


### Mo 202.030 {467}

Date of Fit: 05/28/2020 12:24:27      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000022 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.777775 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999593 | Status:   | OK.      |
| Std Error of Est: | 0.000372 |           |          |
| Predicted MDL:    | 0.000387 |           |          |
| Predicted MQL:    | 0.001289 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .01107      | .001       | 10.7    | .00863 | .000    | 1        |
| S2        | 1.2500       | 1.1812      | -.069      | -5.50   | .91874 | .001    | 1        |
| S3        | 2.5000       | 2.4055      | -.094      | -3.78   | 1.8710 | .005    | 1        |
| S4        | 5.0000       | 4.9120      | -.088      | -1.76   | 3.8204 | .007    | 1        |
| S5        | 10.000       | 10.250      | .250       | 2.50    | 7.9724 | .023    | 1        |

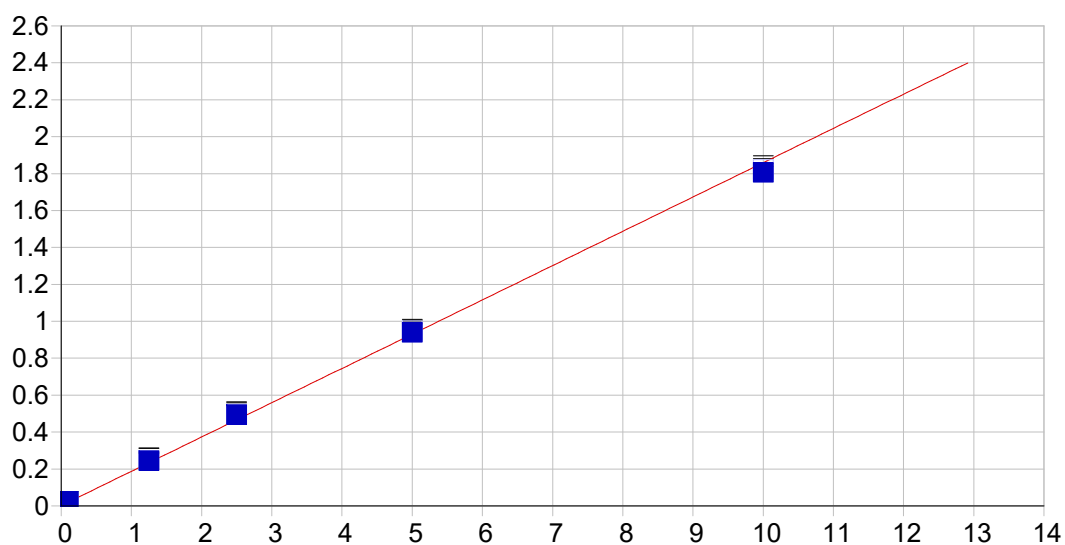


**S 182.034 {485}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000212 Re-Slope: 1.000000  
 A1 (Gain): 0.027749 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999414 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.005280  
 Predicted MQL: 0.017599

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00021 | .000    | 1        |
| S1        | .10000       | .09770      | -.002      | -2.30   | .00292 | .000    | 1        |
| S2        | 1.2500       | 1.1417      | -.108      | -8.67   | .03197 | .000    | 1        |
| S3        | 2.5000       | 2.3850      | -.115      | -4.60   | .06654 | .000    | 1        |
| S4        | 5.0000       | 4.9585      | -.041      | -.829   | .13810 | .000    | 1        |
| S5        | 10.000       | 10.267      | .267       | 2.67    | .28570 | .000    | 1        |

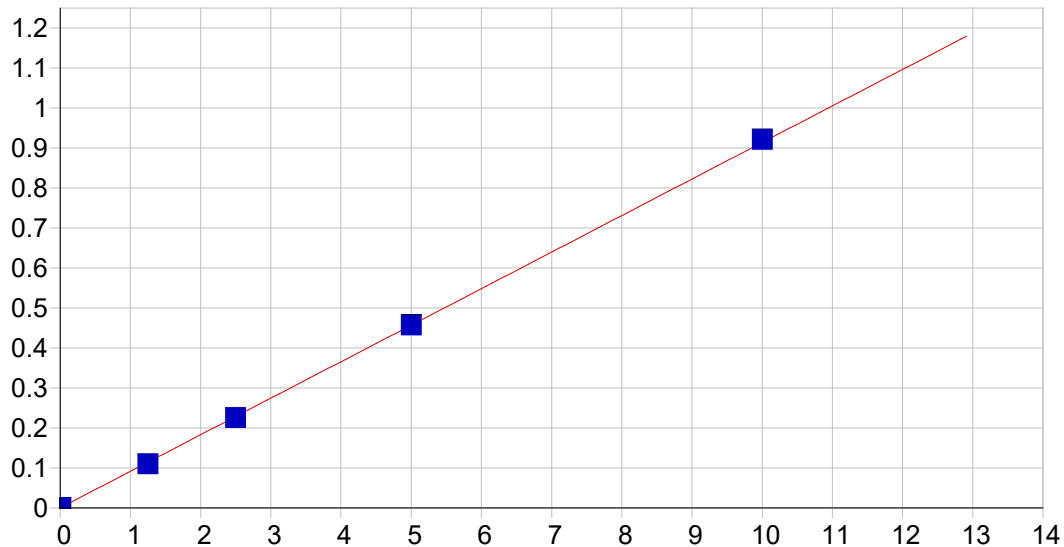


Si 251.611 {134}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001740 Re-Slope: 1.000000  
 A1 (Gain): 0.185704 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999332 Status: OK.  
 Std Error of Est: 0.000364  
 Predicted MDL: 0.001349  
 Predicted MQL: 0.004497

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00173 | .000    | 1        |
| S1        | .10000       | .12304      | .023       | 23.0    | .02465 | .000    | 1        |
| S2        | 1.2500       | 1.3093      | .059       | 4.75    | .24694 | .013    | 1        |
| S3        | 2.5000       | 2.6486      | .149       | 5.94    | .49770 | .011    | 1        |
| S4        | 5.0000       | 5.0541      | .054       | 1.08    | .94852 | .007    | 1        |
| S5        | 10.000       | 9.7151      | -.285      | -2.85   | 1.8223 | .021    | 1        |

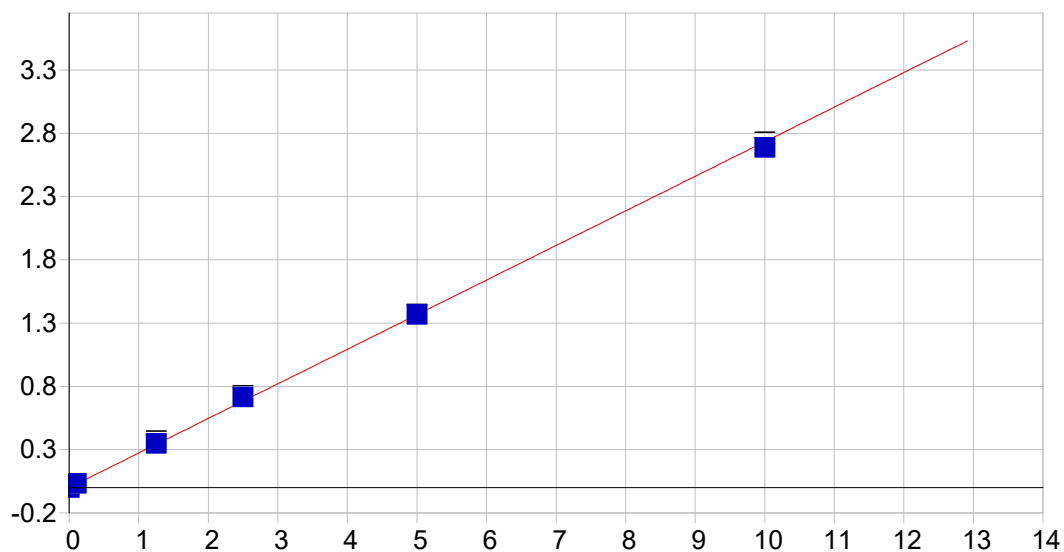


**Sn 189.989 {478}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000  
 A1 (Gain): 0.091360 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999912 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.001530  
 Predicted MQL: 0.005099

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .00700       | .00657      | -.000      | -6.11   | .00077 | .000    | 1        |
| S2        | 1.2500       | 1.1981      | -.052      | -4.15   | .10941 | .000    | 1        |
| S3        | 2.5000       | 2.4669      | -.033      | -1.32   | .22509 | .001    | 1        |
| S4        | 5.0000       | 5.0024      | .002       | .048    | .45626 | .002    | 1        |
| S5        | 10.000       | 10.083      | .083       | .829    | .91948 | .001    | 1        |

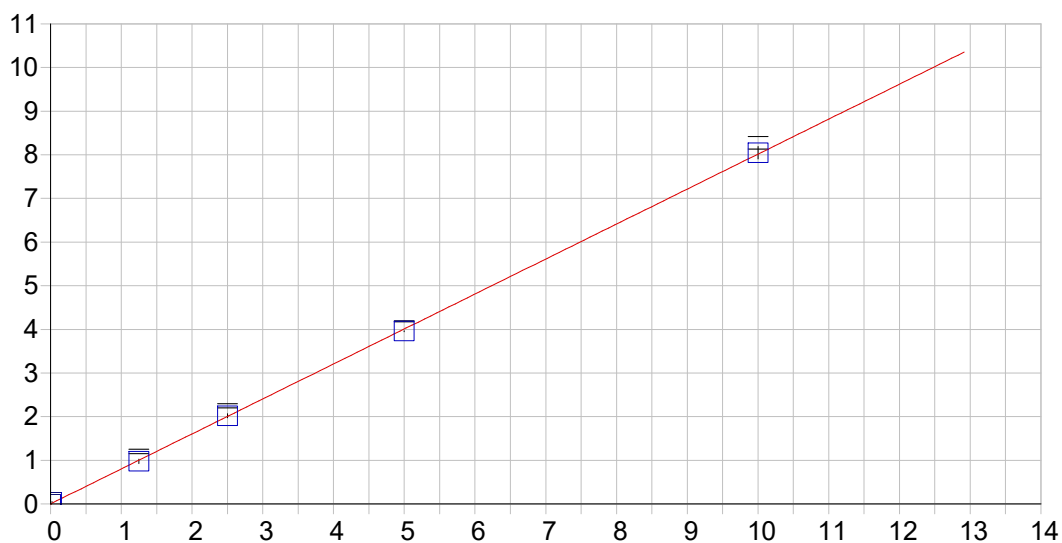


**Ti 336.121 {100}**

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000174 Re-Slope: 1.000000  
 A1 (Gain): 0.273316 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999686 Status: OK.  
 Std Error of Est: 0.000364  
 Predicted MDL: 0.001298  
 Predicted MQL: 0.004326

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00017 | .000    | 1        |
| S1        | .10000       | .11607      | .016       | 16.1    | .03189 | .001    | 1        |
| S2        | 1.2500       | 1.2796      | .030       | 2.37    | .34981 | .019    | 1        |
| S3        | 2.5000       | 2.6192      | .119       | 4.77    | .71582 | .012    | 1        |
| S4        | 5.0000       | 5.0040      | .004       | .079    | 1.3674 | .003    | 1        |
| S5        | 10.000       | 9.8311      | -.169      | -1.69   | 2.6862 | .045    | 1        |

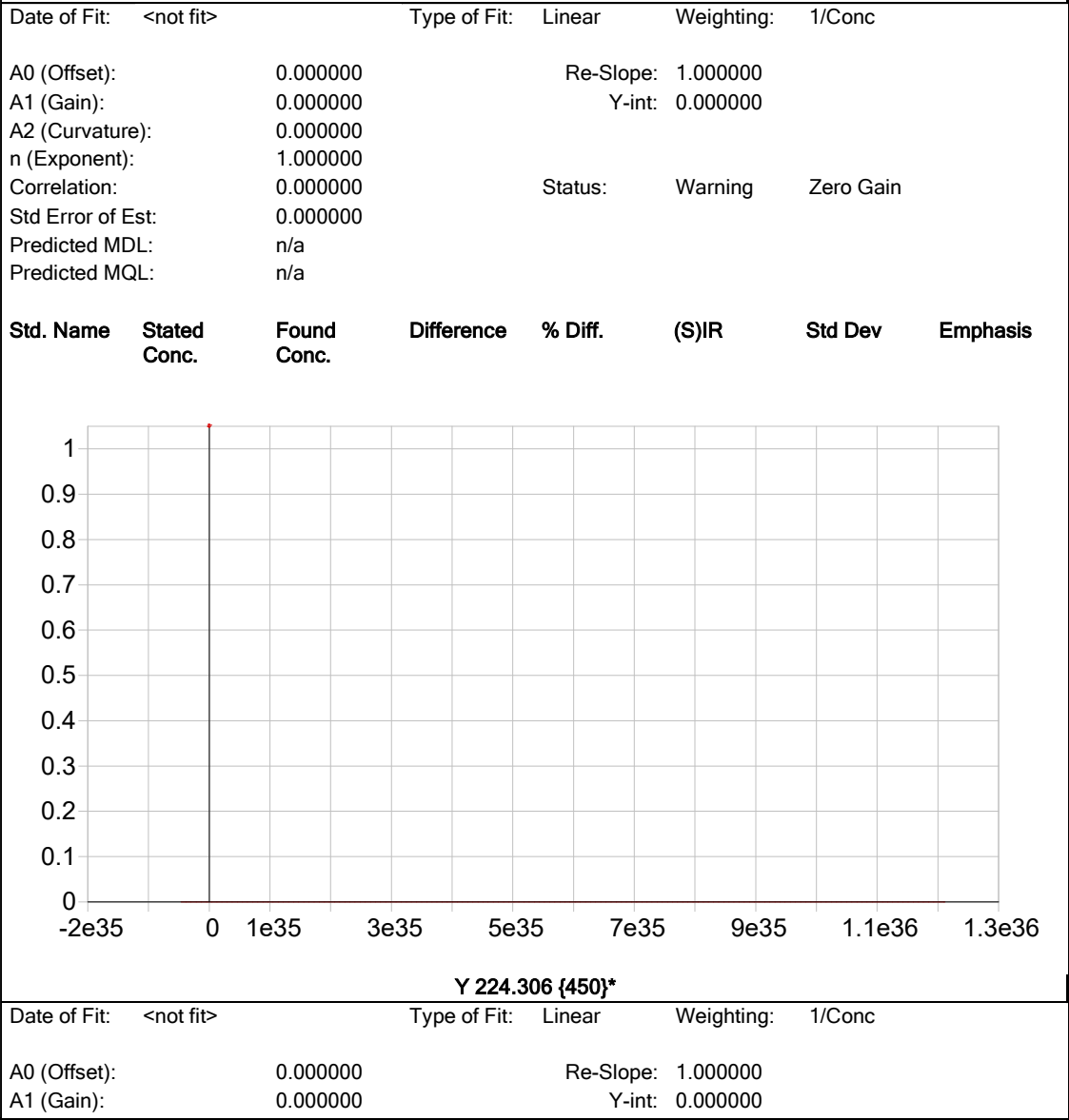
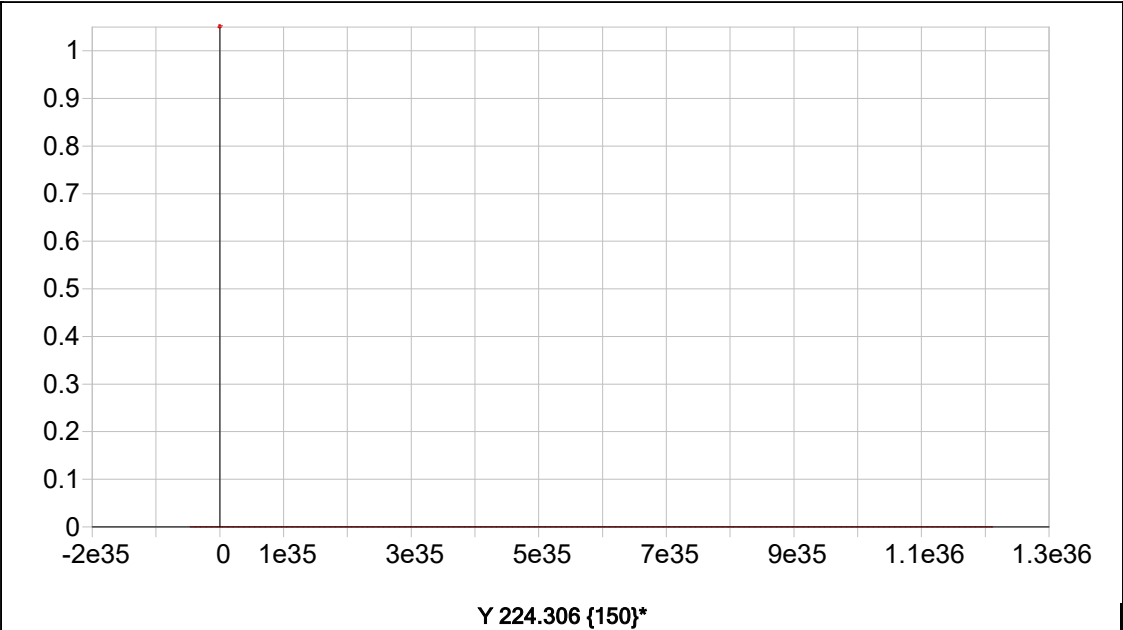


Li 670.784 { 50}

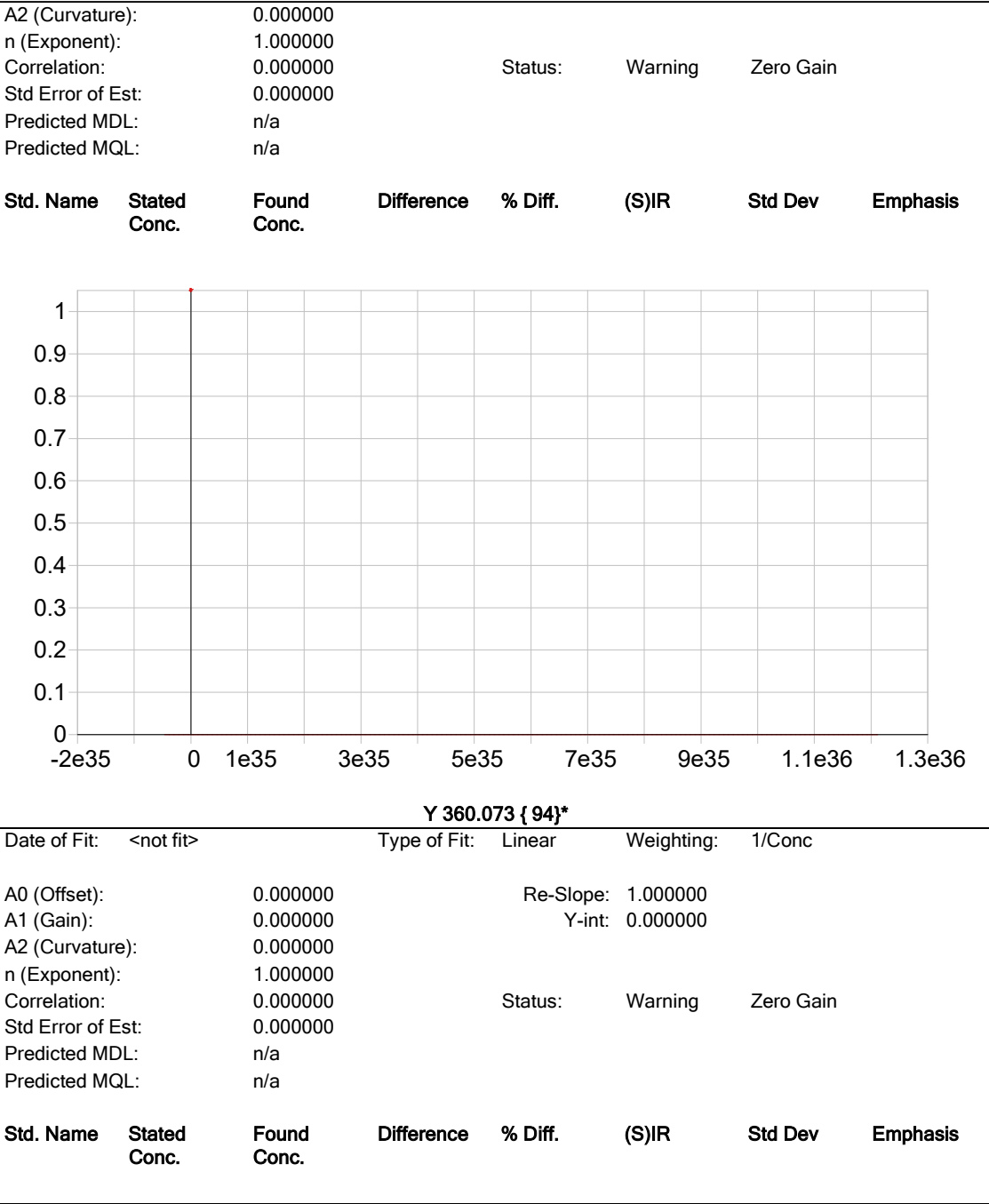
Date of Fit: 05/28/2020 12:24:27 Type of Fit: Linear Weighting: 1/Conc

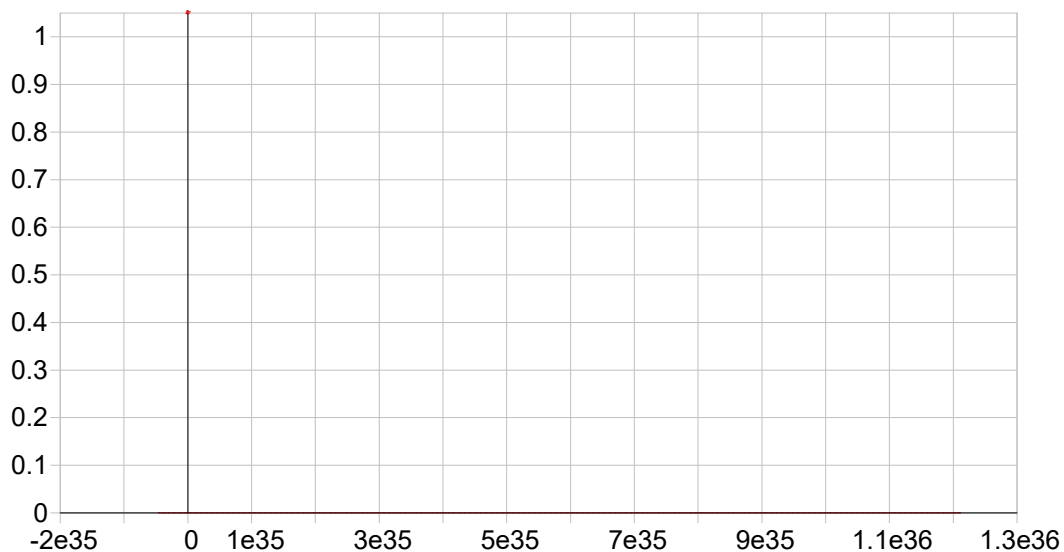
A0 (Offset): 0.001014 Re-Slope: 1.000000  
 A1 (Gain): 0.801502 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.996986 Status: OK.  
 Std Error of Est: 0.001281  
 Predicted MDL: 0.001501  
 Predicted MQL: 0.005002

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00098 | .000    | 1        |
| S5        | 10.000       | 10.040      | .040       | .395    | 8.0477 | .141    | 1        |
| S4        | 5.0000       | 4.9389      | -.061      | -1.22   | 3.9595 | .011    | 1        |
| S3        | 2.5000       | 2.5177      | .018       | .707    | 2.0189 | .048    | 1        |
| S2        | 1.2500       | 1.2130      | -.037      | -2.96   | .97326 | .051    | 1        |
| S1        | .01500       | .05588      | .041       | 273.    | .04580 | .001    | 1        |

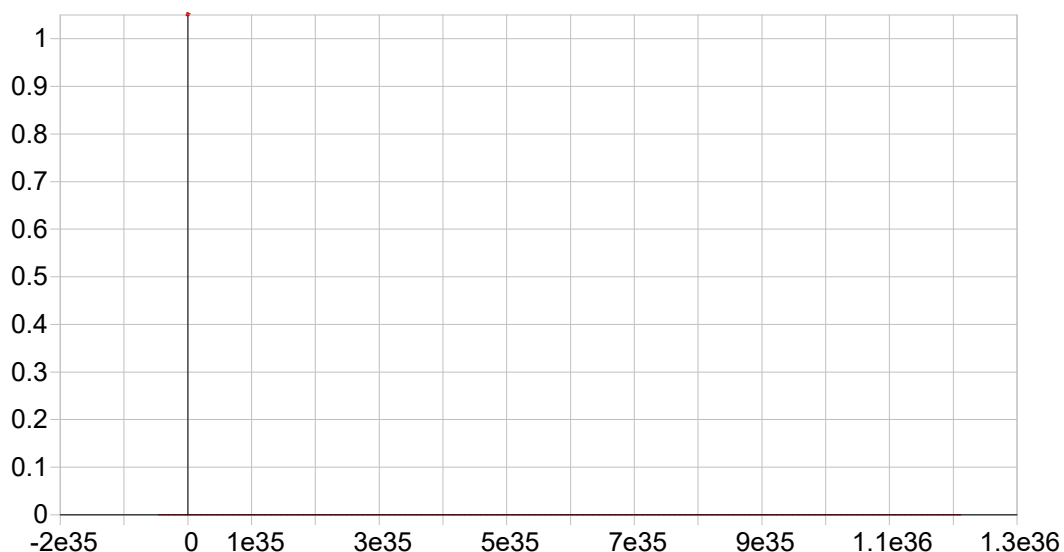








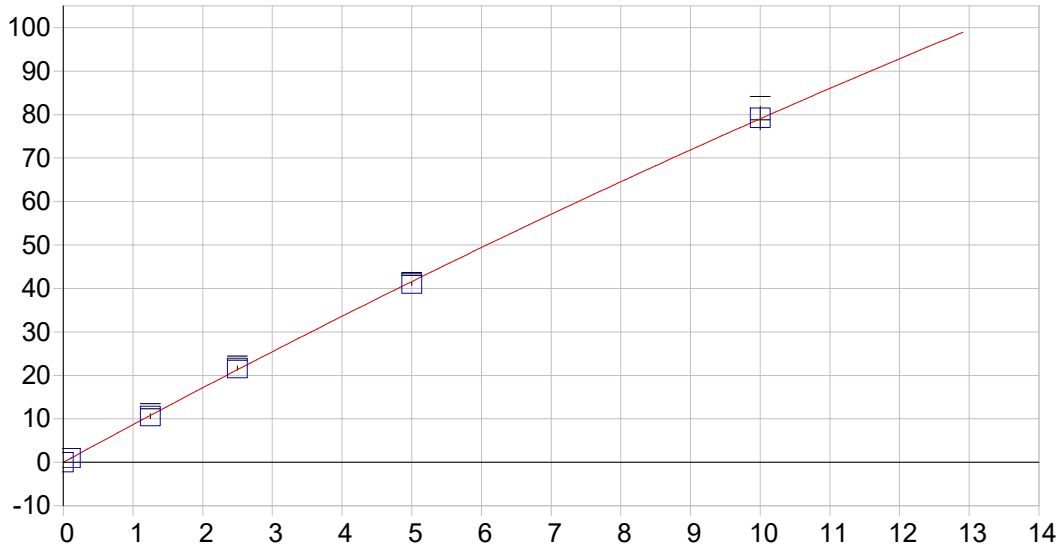
Y 371.030 { 91}\*



A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 05/28/2020 12:24:27 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000070 Re-Slope: 1.000000  
 A1 (Gain): 8.726806 Y-int: 0.000000  
 A2 (Curvature): -0.082412  
 n (Exponent): 1.000000  
 Correlation: 0.999904 Status: OK.  
 Std Error of Est: 0.006924  
 Predicted MDL: 0.000070  
 Predicted MQL: 0.000232

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .10000       | .11170      | .012       | 11.7    | .97387  | .021    | 1        |
| S2        | 1.2500       | 1.2307      | -.019      | -1.54   | 10.615  | .586    | 1        |
| S3        | 2.5000       | 2.5471      | .047       | 1.88    | 21.693  | .491    | 1        |
| S4        | 5.0000       | 4.9367      | -.063      | -1.27   | 41.073  | .333    | 1        |
| S5        | 10.000       | 10.024      | .024       | .243    | 79.199  | 2.66    | 1        |

Sample Name: S0      Acquired: 05/27/2020 13:10:01      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S00      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    | -.00008 | -.00058 | -.00070 | .00056 | .00044 | .00067 | -.01202 | -.00077 |
| Stddev | .00007  | .00011  | .00009  | .00023 | .00024 | .00012 | .00096  | .00007  |
| %RSD   | 82.049  | 18.213  | 13.313  | 41.076 | 55.105 | 17.751 | 7.9453  | 8.9995  |

|    |         |         |         |        |        |        |         |         |
|----|---------|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00008 | -.00066 | -.00074 | .00044 | .00029 | .00060 | -.01271 | -.00073 |
| #2 | -.00001 | -.00046 | -.00076 | .00082 | .00031 | .00060 | -.01093 | -.00072 |
| #3 | -.00015 | -.00061 | -.00059 | .00042 | .00072 | .00080 | -.01242 | -.00084 |

|        |        |        |         |        |        |        |        |         |
|--------|--------|--------|---------|--------|--------|--------|--------|---------|
| Elem   | Cd2144 | Ca3736 | Cr2677  | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .00108 | .00257 | -.00007 | .00004 | .00106 | .00001 | .00006 | -.00012 |
| Stddev | .00010 | .00009 | .00009  | .00020 | .00039 | .00005 | .00006 | .00009  |
| %RSD   | 9.4775 | 3.6202 | 129.10  | 568.22 | 37.299 | 465.81 | 106.96 | 78.183  |

|    |        |        |         |         |        |         |         |         |
|----|--------|--------|---------|---------|--------|---------|---------|---------|
| #1 | .00097 | .00258 | .00001  | .00023  | .00151 | -.00001 | .00012  | -.00001 |
| #2 | .00118 | .00247 | -.00016 | .00006  | .00083 | .00006  | .00006  | -.00018 |
| #3 | .00110 | .00266 | -.00005 | -.00018 | .00082 | -.00002 | -.00000 | -.00016 |

|        |         |         |         |         |         |        |         |        |
|--------|---------|---------|---------|---------|---------|--------|---------|--------|
| Elem   | Ni2316  | Ag3280  | Na8183  | V_2924  | Zn2138  | K_7698 | P_1774  | B_2496 |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   | Cts/S  |
| Avg    | -.00110 | -.00098 | -.00539 | -.00020 | -.00033 | .03512 | -.00107 | .00078 |
| Stddev | .00005  | .00009  | .00039  | .00028  | .00090  | .00106 | .00007  | .00005 |
| %RSD   | 4.1619  | 8.7517  | 7.2695  | 136.56  | 275.95  | 3.0132 | 6.7406  | 6.9108 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00115 | -.00100 | -.00516 | -.00048 | -.00127 | .03449 | -.00100 | .00084 |
| #2 | -.00106 | -.00088 | -.00517 | -.00020 | .00053  | .03454 | -.00115 | .00073 |
| #3 | -.00109 | -.00104 | -.00584 | .00007  | -.00024 | .03634 | -.00106 | .00078 |

|        |        |        |        |        |        |        |         |  |
|--------|--------|--------|--------|--------|--------|--------|---------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |  |
| Avg    | .00002 | .00021 | .00173 | .00019 | .00017 | .00098 | -.00003 |  |
| Stddev | .00010 | .00006 | .00026 | .00016 | .00020 | .00043 | .00024  |  |
| %RSD   | 472.58 | 30.208 | 14.940 | 85.026 | 120.79 | 43.546 | 931.59  |  |

|    |         |        |        |        |         |        |         |  |
|----|---------|--------|--------|--------|---------|--------|---------|--|
| #1 | .00011  | .00020 | .00144 | .00019 | .00037  | .00108 | .00017  |  |
| #2 | .00005  | .00016 | .00186 | .00003 | .00018  | .00135 | .00005  |  |
| #3 | -.00009 | .00028 | .00191 | .00034 | -.00004 | .00051 | -.00030 |  |

Sample Name: S0      Acquired: 05/27/2020 13:10:01      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S00      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1455.3 | 1734.4 | 46615. | 10516. | 2754.7 |
| Stddev    | 15.7   | 2.1    | 257.   | 117.   | 3.3    |
| %RSD      | 1.0756 | .12082 | .55091 | 1.1136 | .12054 |
| #1        | 1450.8 | 1734.9 | 46379. | 10502. | 2758.5 |
| #2        | 1442.3 | 1736.2 | 46576. | 10639. | 2752.4 |
| #3        | 1472.7 | 1732.1 | 46889. | 10406. | 2753.1 |

Sample Name: S1      Acquired: 05/27/2020 13:14:08      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S01      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    | .00029 | .00110 | .00119 | .00269 | .01268 | .01719 | .70345  | .01697 |
| Stddev | .00006 | .00018 | .00033 | .00006 | .00033 | .00050 | .01709  | .00058 |
| %RSD   | 19.358 | 15.932 | 27.795 | 2.1275 | 2.5794 | 2.9093 | 2.4300  | 3.4248 |
| #1     | .00029 | .00118 | .00096 | .00264 | .01266 | .01729 | .72260  | .01758 |
| #2     | .00035 | .00090 | .00104 | .00267 | .01301 | .01763 | .69803  | .01692 |
| #3     | .00023 | .00122 | .00157 | .00275 | .01236 | .01664 | .68972  | .01642 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576  | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .01755 | .24696 | .00166 | .03932 | .00551 | .00346 | .00699  | .05766 |
| Stddev | .00023 | .00543 | .00000 | .00030 | .00022 | .00025 | .00023  | .00187 |
| %RSD   | 1.3167 | 2.1991 | .24518 | .76057 | 3.9786 | 7.0968 | 3.2729  | 3.2434 |
| #1     | .01735 | .25298 | .00166 | .03964 | .00575 | .00357 | .00725  | .05973 |
| #2     | .01780 | .24545 | .00166 | .03905 | .00533 | .00364 | .00689  | .05714 |
| #3     | .01749 | .24244 | .00165 | .03927 | .00545 | .00318 | .00682  | .05610 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774  | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .03092 | .00174 | .02017 | .00598 | .01172 | .10460 | -.00071 | .00344 |
| Stddev | .00045 | .00005 | .00080 | .00045 | .00097 | .00314 | .00012  | .00013 |
| %RSD   | 1.4695 | 2.6995 | 3.9837 | 7.5686 | 8.3190 | 2.9981 | 16.275  | 3.8812 |
| #1     | .03145 | .00178 | .02110 | .00646 | .01131 | .10821 | -.00058 | .00338 |
| #2     | .03064 | .00175 | .01974 | .00595 | .01101 | .10294 | -.00079 | .00359 |
| #3     | .03068 | .00169 | .01968 | .00555 | .01283 | .10264 | -.00077 | .00335 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |        |
| Avg    | .00863 | .00292 | .02465 | .00077 | .03189 | .04580 | .97387  |        |
| Stddev | .00029 | .00001 | .00044 | .00013 | .00091 | .00137 | .02074  |        |
| %RSD   | 3.3031 | .33473 | 1.7886 | 16.789 | 2.8528 | 3.0015 | 2.1299  |        |
| #1     | .00831 | .00291 | .02515 | .00063 | .03294 | .04732 | .99764  |        |
| #2     | .00884 | .00293 | .02431 | .00080 | .03140 | .04545 | .96449  |        |
| #3     | .00875 | .00293 | .02450 | .00088 | .03133 | .04464 | .95947  |        |

Sample Name: S1      Acquired: 05/27/2020 13:14:08      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1469.2 | 1737.7 | 46771. | 10375. | 2780.2 |
| Stddev    | 2.8    | 6.2    | 106.   | 245.   | 9.1    |
| %RSD      | .19259 | .35498 | .22737 | 2.3624 | .32677 |
| #1        | 1472.5 | 1733.1 | 46885. | 10093. | 2772.5 |
| #2        | 1468.0 | 1735.3 | 46754. | 10498. | 2778.0 |
| #3        | 1467.3 | 1744.7 | 46674. | 10535. | 2790.2 |

Sample Name: S2      Acquired: 05/27/2020 13:18:15      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S02      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    | .04888 | .07241 | .95488 | .06164 | .21771 | 2.7956 | 8.2715 | .38040 |
| Stddev | .00051 | .00064 | .00230 | .00035 | .00044 | .1543  | .4496  | .01964 |
| %RSD   | 1.0460 | .87802 | .24095 | .56023 | .20180 | 5.5186 | 5.4351 | 5.1631 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04873 | .07212 | .95223 | .06128 | .21764 | 2.9738 | 8.7906 | .40307 |
| #2 | .04846 | .07196 | .95603 | .06197 | .21818 | 2.7036 | 8.0153 | .36959 |
| #3 | .04945 | .07313 | .95637 | .06168 | .21731 | 2.7096 | 8.0087 | .36854 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.7661 | 2.6659 | .55298 | .43354 | .61051 | 1.0682 | 1.4292 | .62740 |
| Stddev | .0030  | .1466  | .00071 | .00105 | .03199 | .0577  | .0769  | .03462 |
| %RSD   | .16939 | 5.4971 | .12914 | .24194 | 5.2397 | 5.4057 | 5.3777 | 5.5173 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7636 | 2.8351 | .55295 | .43233 | .64744 | 1.1349 | 1.5179 | .66737 |
| #2 | 1.7651 | 2.5836 | .55228 | .43427 | .59220 | 1.0352 | 1.3852 | .60721 |
| #3 | 1.7694 | 2.5790 | .55371 | .43401 | .59188 | 1.0346 | 1.3845 | .60762 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .42078 | .07197 | .15901 | .06437 | .57579 | .48667 | .04516 | .26581 |
| Stddev | .00062 | .00021 | .00910 | .00386 | .00603 | .02527 | .00008 | .01451 |
| %RSD   | .14629 | .29042 | 5.7230 | 5.9927 | 1.0476 | 5.1931 | .18461 | 5.4592 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .42140 | .07173 | .16950 | .06882 | .58274 | .51585 | .04511 | .28246 |
| #2 | .42017 | .07207 | .15419 | .06211 | .57195 | .47164 | .04512 | .25905 |
| #3 | .42076 | .07211 | .15333 | .06217 | .57268 | .47252 | .04526 | .25590 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .91874 | .03197 | .24694 | .10941 | .34981 | .97326 | 10.615 |
| Stddev | .00113 | .00041 | .01337 | .00009 | .01888 | .05142 | .586   |
| %RSD   | .12320 | 1.2805 | 5.4156 | .08459 | 5.3977 | 5.2830 | 5.5159 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91745 | .03219 | .26236 | .10951 | .37161 | 1.0326 | 11.291 |
| #2 | .91955 | .03222 | .23991 | .10932 | .33884 | .94443 | 10.274 |
| #3 | .91924 | .03149 | .23855 | .10940 | .33896 | .94273 | 10.280 |



Sample Name: S2      Acquired: 05/27/2020 13:18:15      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1402.5 | 1667.1 | 45473. | 10179. | 2573.6 |
| Stddev    | 9.7    | 2.0    | 101.   | 519.   | 2.0    |
| %RSD      | .68843 | .12241 | .22140 | 5.1031 | .07769 |
| #1        | 1391.4 | 1667.0 | 45461. | 9579.2 | 2572.2 |
| #2        | 1407.1 | 1665.1 | 45579. | 10467. | 2575.8 |
| #3        | 1409.0 | 1669.2 | 45379. | 10490. | 2572.6 |

Sample Name: S3      Acquired: 05/27/2020 13:22:09      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S03      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    | .10016 | .14548 | 1.9448 | .12175 | .44164 | 5.8231 | 16.944 | .76727 |
| Stddev | .00049 | .00051 | .0034  | .00087 | .00086 | .1235  | .461   | .01634 |
| %RSD   | .48863 | .34886 | .17747 | .71258 | .19455 | 2.1201 | 2.7205 | 2.1302 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10066 | .14534 | 1.9415 | .12130 | .44182 | 5.9525 | 17.432 | .78439 |
| #2 | .10015 | .14506 | 1.9446 | .12121 | .44071 | 5.7066 | 16.516 | .75184 |
| #3 | .09968 | .14605 | 1.9484 | .12275 | .44240 | 5.8102 | 16.886 | .76558 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.5782 | 5.4176 | 1.1057 | .88544 | 1.2360 | 2.1504 | 2.8820 | 1.2893 |
| Stddev | .0027  | .1467  | .0015  | .00117 | .0289  | .0583  | .0744  | .0330  |
| %RSD   | .07647 | 2.7074 | .13930 | .13206 | 2.3342 | 2.7104 | 2.5828 | 2.5602 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.5784 | 5.5691 | 1.1043 | .88557 | 1.2662 | 2.2107 | 2.9581 | 1.3235 |
| #2 | 3.5754 | 5.2763 | 1.1073 | .88422 | 1.2087 | 2.0944 | 2.8094 | 1.2576 |
| #3 | 3.5809 | 5.4075 | 1.1053 | .88655 | 1.2331 | 2.1460 | 2.8786 | 1.2870 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .85491 | .14731 | .33050 | .13035 | 1.1734 | .96968 | .09475 | .54184 |
| Stddev | .00188 | .00046 | .00932 | .00392 | .0099  | .02041 | .00058 | .01274 |
| %RSD   | .22021 | .31421 | 2.8213 | 3.0089 | .84439 | 2.1049 | .61589 | 2.3506 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .85578 | .14770 | .34016 | .13449 | 1.1687 | .99064 | .09450 | .55511 |
| #2 | .85275 | .14680 | .32156 | .12668 | 1.1668 | .94987 | .09433 | .52972 |
| #3 | .85620 | .14743 | .32977 | .12989 | 1.1848 | .96852 | .09541 | .54068 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.8710 | .06654 | .49770 | .22509 | .71582 | 2.0189 | 21.693 |
| Stddev | .0047  | .00012 | .01146 | .00073 | .01237 | .0478  | .491   |
| %RSD   | .25082 | .17636 | 2.3024 | .32494 | 1.7286 | 2.3688 | 2.2646 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8682 | .06648 | .50988 | .22452 | .72823 | 2.0689 | 22.197 |
| #2 | 1.8684 | .06668 | .48713 | .22484 | .70348 | 1.9736 | 21.215 |
| #3 | 1.8764 | .06647 | .49608 | .22592 | .71574 | 2.0143 | 21.668 |

Sample Name: S3      Acquired: 05/27/2020 13:22:09      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1361.1 | 1605.6 | 44677. | 9925.0 | 2442.7 |
| Stddev    | 10.1   | 3.1    | 46.    | 195.3  | 2.7    |
| %RSD      | .73859 | .19610 | .10263 | 1.9678 | .11000 |
| #1        | 1355.9 | 1607.4 | 44724. | 9718.7 | 2442.8 |
| #2        | 1372.6 | 1607.5 | 44673. | 10107. | 2445.3 |
| #3        | 1354.6 | 1602.0 | 44633. | 9949.3 | 2439.9 |

Sample Name: S4      Acquired: 05/27/2020 13:26:02      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S04      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    | .20718 | .28800 | 3.9324 | .24030 | .90812 | 11.368 | 32.588 | 1.4615 |
| Stddev | .00028 | .00141 | .0029  | .00031 | .00181 | .021   | .097   | .0076  |
| %RSD   | .13463 | .48794 | .07470 | .13037 | .19965 | .18679 | .29775 | .52111 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20696 | .28652 | 3.9290 | .23995 | .90948 | 11.392 | 32.680 | 1.4700 |
| #2 | .20750 | .28932 | 3.9344 | .24053 | .90606 | 11.353 | 32.597 | 1.4594 |
| #3 | .20709 | .28815 | 3.9337 | .24043 | .90881 | 11.359 | 32.486 | 1.4552 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 7.1447 | 10.376 | 2.1828 | 1.7910 | 2.3653 | 4.0522 | 5.4405 | 2.4917 |
| Stddev | .0133  | .026   | .0053  | .0047  | .0055  | .0044  | .0100  | .0026  |
| %RSD   | .18605 | .24991 | .24052 | .26293 | .23269 | .10939 | .18455 | .10367 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.1393 | 10.400 | 2.1792 | 1.7872 | 2.3692 | 4.0573 | 5.4482 | 2.4932 |
| #2 | 7.1350 | 10.380 | 2.1888 | 1.7896 | 2.3678 | 4.0492 | 5.4442 | 2.4931 |
| #3 | 7.1599 | 10.349 | 2.1804 | 1.7963 | 2.3590 | 4.0501 | 5.4291 | 2.4887 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.7202 | .29927 | .64219 | .24946 | 2.4195 | 1.8670 | .19740 | 1.0336 |
| Stddev | .0034  | .00067 | .00134 | .00132 | .0302  | .0040  | .00061 | .0076  |
| %RSD   | .19567 | .22281 | .20796 | .52757 | 1.2494 | .21572 | .30926 | .73776 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7188 | .30004 | .64372 | .25098 | 2.4077 | 1.8714 | .19700 | 1.0424 |
| #2 | 1.7177 | .29883 | .64159 | .24858 | 2.4538 | 1.8636 | .19709 | 1.0300 |
| #3 | 1.7240 | .29894 | .64126 | .24884 | 2.3969 | 1.8658 | .19810 | 1.0285 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.8204 | .13810 | .94852 | .45626 | 1.3674 | 3.9595 | 41.073 |
| Stddev | .0074  | .00021 | .00749 | .00152 | .0029  | .0111  | .333   |
| %RSD   | .19306 | .15122 | .78961 | .33211 | .21255 | .28095 | .80994 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8268 | .13834 | .95715 | .45452 | 1.3699 | 3.9709 | 41.402 |
| #2 | 3.8123 | .13796 | .94457 | .45725 | 1.3642 | 3.9591 | 41.080 |
| #3 | 3.8221 | .13801 | .94383 | .45701 | 1.3680 | 3.9486 | 40.737 |

Sample Name: S4      Acquired: 05/27/2020 13:26:02      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1282.3 | 1501.8 | 43292. | 10130. | 2280.5 |
| Stddev    | 14.4   | 2.7    | 130.   | 43.    | 1.1    |
| %RSD      | 1.1250 | .17690 | .29916 | .42392 | .04748 |
| #1        | 1284.8 | 1498.8 | 43411. | 10083. | 2281.6 |
| #2        | 1266.8 | 1503.1 | 43154. | 10141. | 2279.4 |
| #3        | 1295.3 | 1503.6 | 43310. | 10166. | 2280.5 |

Sample Name: S5      Acquired: 05/27/2020 13:30:01      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S05      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    | .43692 | .55997 | 7.9027 | .48591 | 1.9166 | 22.715 | 64.102 | 2.8119 |
| Stddev | .00013 | .00053 | .0095  | .00126 | .0046  | .388   | .823   | .0372  |
| %RSD   | .02902 | .09457 | .11981 | .25985 | .23896 | 1.7099 | 1.2834 | 1.3235 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .43694 | .55940 | 7.8966 | .48467 | 1.9127 | 22.269 | 63.152 | 2.7689 |
| #2 | .43679 | .56044 | 7.9136 | .48586 | 1.9153 | 22.905 | 64.594 | 2.8333 |
| #3 | .43704 | .56007 | 7.8978 | .48719 | 1.9217 | 22.973 | 64.559 | 2.8335 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 14.155 | 20.236 | 4.2371 | 3.5946 | 4.6400 | 7.7808 | 10.502 | 4.9527 |
| Stddev | .013   | .326   | .0045  | .0020  | .0751  | .1286  | .160   | .0746  |
| %RSD   | .08829 | 1.6120 | .10677 | .05679 | 1.6190 | 1.6523 | 1.5271 | 1.5058 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.167 | 19.863 | 4.2323 | 3.5927 | 4.5534 | 7.6349 | 10.319 | 4.8669 |
| #2 | 14.156 | 20.383 | 4.2412 | 3.5943 | 4.6801 | 7.8302 | 10.573 | 4.9894 |
| #3 | 14.142 | 20.463 | 4.2378 | 3.5968 | 4.6866 | 7.8774 | 10.615 | 5.0018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.4194 | .60963 | 1.2769 | .48527 | 4.9895 | 3.7509 | .40540 | 1.9636 |
| Stddev | .0020  | .00148 | .0180  | .00693 | .0144  | .0616  | .00037 | .0260  |
| %RSD   | .05816 | .24345 | 1.4061 | 1.4278 | .28788 | 1.6421 | .09095 | 1.3216 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4189 | .61130 | 1.2566 | .47734 | 4.9955 | 3.6801 | .40576 | 1.9339 |
| #2 | 3.4216 | .60846 | 1.2834 | .48833 | 4.9731 | 3.7806 | .40541 | 1.9751 |
| #3 | 3.4177 | .60912 | 1.2907 | .49014 | 4.9999 | 3.7921 | .40503 | 1.9818 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 7.9724 | .28570 | 1.8223 | .91948 | 2.6862 | 8.0477 | 79.199 |
| Stddev | .0231  | .00041 | .0209  | .00098 | .0447  | .1408  | 2.659  |
| %RSD   | .29006 | .14289 | 1.1467 | .10646 | 1.6651 | 1.7493 | 3.3578 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.9592 | .28617 | 1.7982 | .91857 | 2.6351 | 7.8915 | 76.169 |
| #2 | 7.9588 | .28541 | 1.8349 | .91935 | 2.7056 | 8.0871 | 80.282 |
| #3 | 7.9991 | .28552 | 1.8339 | .92051 | 2.7180 | 8.1646 | 81.146 |

Sample Name: S5      Acquired: 05/27/2020 13:30:01      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S05      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1180.5 | 1352.3 | 41790. | 10122. | 2100.0 |
| Stddev    | 9.2    | 2.9    | 81.    | 141.   | 2.0    |
| %RSD      | .78030 | .21468 | .19344 | 1.3971 | .09499 |
|           |        |        |        |        |        |
| #1        | 1171.1 | 1352.1 | 41713. | 10285. | 2098.0 |
| #2        | 1189.5 | 1355.2 | 41874. | 10049. | 2100.1 |
| #3        | 1180.8 | 1349.4 | 41781. | 10033. | 2102.0 |

Sample Name: S6      Acquired: 05/27/2020 13:34:04      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S06      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 56.531 | 33.580 | 20.682 | 8.1602 | 3.4760 |
| Stddev | 1.324  | .866   | .419   | .1646  | .0675  |
| %RSD   | 2.3419 | 2.5803 | 2.0264 | 2.0168 | 1.9423 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 58.044 | 34.580 | 21.162 | 8.3484 | 3.5533 |
| #2 | 55.586 | 33.106 | 20.387 | 8.0432 | 3.4289 |
| #3 | 55.964 | 33.054 | 20.496 | 8.0890 | 3.4457 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 9744.5 |
| Stddev    | 166.5  |
| %RSD      | 1.7084 |

|    |        |
|----|--------|
| #1 | 9552.8 |
| #2 | 9828.0 |
| #3 | 9852.7 |



Sample Name: ICV      Acquired: 05/27/2020 13:38:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9638546 | 1.000147 | .9361154 | 1.006680 | .9621870 | 2.287455 |
| Stddev | .0097611 | .005186  | .0018126 | .003962  | .0025943 | .012469  |
| %RSD   | 1.012715 | .5185615 | .1936340 | .3935514 | .2696241 | .5451118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9599740 | .994309  | .9362974 | 1.010061 | .9651766 | 2.301490 |
| #2 | .9566305 | 1.004222 | .9342187 | 1.007657 | .9608567 | 2.283221 |
| #3 | .9749592 | 1.001909 | .9378302 | 1.002321 | .9605276 | 2.277654 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4955311 | .5104788 | .4923093 | 9.708721 | .5064837 | .4781819 |
| Stddev | .0017182 | .0008705 | .0009034 | .047684  | .0009279 | .0007267 |
| %RSD   | .3467359 | .1705319 | .1835058 | .4911436 | .1832087 | .1519721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4973595 | .5112547 | .4929259 | 9.758427 | .5075146 | .4790030 |
| #2 | .4939500 | .5095374 | .4912723 | 9.663357 | .5057153 | .4776216 |
| #3 | .4952839 | .5106443 | .4927297 | 9.704380 | .5062212 | .4779211 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4793289 | 10.35163 | .5051709 | 5.403187 | .4876928 | .2355487 |
| Stddev | .0035099 | .08808   | .0019401 | .006532  | .0010489 | .0013638 |
| %RSD   | .7322579 | .8509288 | .3840418 | .1208882 | .2150683 | .5789763 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4758903 | 10.44948 | .5057665 | 5.396761 | .4882258 | .2347101 |
| #2 | .4791904 | 10.27868 | .5030028 | 5.409820 | .4883681 | .2348138 |
| #3 | .4829061 | 10.32672 | .5067433 | 5.402979 | .4864844 | .2371223 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.511005 | .4910090 | 1.091334 | 9.010785 | F .0012582 | F .0250417 |
| Stddev | .189061  | .0034787 | .010108  | .037899  | .0042573   | .0002089   |
| %RSD   | 1.987808 | .7084791 | .9261921 | .4205995 | 338.3515   | .8342644   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.294130 | .4946220 | 1.081529 | 8.978676 | .0000048 | .0252567 |
| #2 | 9.641072 | .4907228 | 1.090755 | 9.001088 | .0060015 | .0250289 |
| #3 | 9.597812 | .4876823 | 1.101720 | 9.052591 | -.002232 | .0248394 |

Sample Name: ICV      Acquired: 05/27/2020 13:38:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0057941 | F -.001259 | F .0064049 | F .0067937 | F .0058732 | F .0147568 |
| Stddev | .0005505   | .004023    | .0005916   | .0010756   | .0006048   | .0016230   |
| %RSD   | 9.500563   | 319.4948   | 9.236354   | 15.83271   | 10.29791   | 10.99808   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0060389 | .002916  | .0064293 | .0063924 | .0063646 | .0158835 |
| #2 | .0051637 | -.005110 | .0058014 | .0080122 | .0060571 | .0154904 |
| #3 | .0061797 | -.001583 | .0069838 | .0059763 | .0051977 | .0128966 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0011603 |
| Stddev | .0000395   |
| %RSD   | 3.403311   |

|    |          |
|----|----------|
| #1 | .0011794 |
| #2 | .0011149 |
| #3 | .0011865 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1459.683 | 1745.111 | 46801.61 | 10547.43 | 2773.326 |
| Stddev    | 9.444    | 2.350    | 158.06   | 14.65    | 4.333    |
| %RSD      | .6469751 | .1346838 | .3377298 | .1388627 | .1562396 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1461.677 | 1743.595 | 46799.35 | 10536.13 | 2773.456 |
| #2 | 1467.971 | 1747.819 | 46960.79 | 10563.97 | 2777.592 |
| #3 | 1449.402 | 1743.921 | 46644.69 | 10542.18 | 2768.929 |

Sample Name: ICB      Acquired: 05/27/2020 13:43:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046141 | .0001620 | .0022092 | .0021994 | -.001365 | .0013536 | .0000852 |
| Stddev | .0070663 | .0007127 | .0011925 | .0025645 | .002600  | .0046311 | .0001054 |
| %RSD   | 153.1465 | 439.9492 | 53.98124 | 116.6000 | 190.4624 | 342.1379 | 123.7943 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094411 | .0003239 | .0026738 | -.000577 | -.004220 | -.000531 | .0000979 |
| #2 | .0078977 | -.000618 | .0008543 | .002695  | -.000741 | -.002038 | -.000026 |
| #3 | -.003497 | .000780  | .0030995 | .004480  | .000866  | .006630  | .000184  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000164 | .0000589 | -.012464 | .0000092 | .0000373 | .0022637 | .0016253 |
| Stddev | .0000201 | .0000763 | .008053  | .0003156 | .0004443 | .0025686 | .0018966 |
| %RSD   | 122.7871 | 129.5132 | 64.61148 | 3411.708 | 1190.082 | 113.4667 | 116.6904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000032 | .0001139 | -.021471 | -.000314 | -.000049 | .0031697 | .0033766 |
| #2 | .0000064 | -.000028 | -.005960 | .000317  | .000518  | -.000635 | .0018884 |
| #3 | .0000395 | .000091  | -.009959 | .000024  | -.000358 | .004257  | -.000389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000016 | -.011353 | .0014076 | -.000173 | .3532209 | .0033962 | -.000244 |
| Stddev | .000294  | .017462  | .0002496 | .000348  | .1854502 | .0011175 | .001538  |
| %RSD   | 1820.079 | 153.8079 | 17.73490 | 201.3344 | 52.50261 | 32.90412 | 630.2980 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000354 | -.018417 | .0012721 | .000229  | .3553347 | .0045801 | -.001789 |
| #2 | .000180  | -.024177 | .0012551 | -.000367 | .5376051 | .0032486 | -.000229 |
| #3 | .000126  | .008534  | .0016957 | -.000380 | .1667228 | .0023598 | .001286  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1954299 | .0007156 | .0121424 | .0000694 | .0020121 | .0008921 | .0008140 |
| Stddev | .0480710 | .0025667 | .0007060 | .0001723 | .0045805 | .0009633 | .0009250 |
| %RSD   | 24.59756 | 358.6840 | 5.814490 | 248.3642 | 227.6474 | 107.9718 | 113.6323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2347642 | -.001717 | .0122476 | .0000546 | .0000487 | .0000712 | .0007680 |
| #2 | .2096808 | .003398  | .0127899 | .0002486 | -.001259 | .0006526 | -.000087 |
| #3 | .1418448 | .000465  | .0113897 | -.000095 | .007247  | .0019526 | .001761  |

Sample Name: ICB      Acquired: 05/27/2020 13:43:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001134 | .0048612 | -.000038 |
| Stddev | .0007012 | .0008312 | .000018  |
| %RSD   | 618.6187 | 17.09977 | 47.38789 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003619 | .0042859 | -.000031 |
| #2 | -.000678 | .0058142 | -.000024 |
| #3 | .000656  | .0044835 | -.000058 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1457.035 | 1741.188 | 46641.31 | 10595.85 | 2766.820 |
| Stddev    | 13.736   | .677     | 208.31   | 180.49   | 2.383    |
| %RSD      | .9427215 | .0388695 | .4466234 | 1.703369 | .0861293 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1458.600 | 1740.804 | 46472.42 | 10507.08 | 2769.477 |
| #2 | 1469.921 | 1740.791 | 46874.08 | 10476.94 | 2764.871 |
| #3 | 1442.584 | 1741.969 | 46577.43 | 10803.53 | 2766.113 |

Sample Name: ICSA      Acquired: 05/27/2020 13:47:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097745 | .0043593 | -.007720 | -.010179 | .0021006 | 244.1128 | .0056338 |
| Stddev | .0004288 | .0031305 | .001857  | .006444  | .0031892 | .4164    | .0004445 |
| %RSD   | 4.386640 | 71.81158 | 24.05254 | 63.30804 | 151.8255 | .1705902 | 7.889810 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0096601 | .0010819 | -.007845 | -.006288 | .0016943 | 244.2709 | .0054781 |
| #2 | .0102488 | .0073186 | -.009512 | -.006631 | -.000866 | 244.4270 | .0052881 |
| #3 | .0094145 | .0046776 | -.005804 | -.017617 | .005473  | 243.6405 | .0061352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008987 | .0013738 | 242.0842 | .0473949 | -.000773 | -.001091 | 101.3049 |
| Stddev | .0000384 | .0001776 | .6135    | .0004719 | .000486  | .002428  | .3841    |
| %RSD   | 4.267850 | 12.92782 | .2534097 | .9956262 | 62.90840 | 222.4616 | .3791265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008570 | .0011734 | 241.9848 | .0477992 | -.000952 | -.001918 | 101.3348 |
| #2 | .0009325 | .0015119 | 242.7413 | .0468764 | -.001144 | .001642  | 101.6731 |
| #3 | .0009067 | .0014360 | 241.5265 | .0475091 | -.000223 | -.002997 | 100.9067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123386 | 242.7647 | .0042740 | -.007893 | -.131418 | .0013445 | .0047423 |
| Stddev | .0003681 | .5373    | .0009044 | .000115  | .198378  | .0014314 | .0046297 |
| %RSD   | 2.983149 | .2213351 | 21.16059 | 1.452535 | 150.9520 | 106.4651 | 97.62520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0123027 | 243.2442 | .0033183 | -.007855 | .062288  | .0004874 | .0027767 |
| #2 | .0127233 | 242.8660 | .0043872 | -.007802 | -.122383 | .0029970 | .0100305 |
| #3 | .0119897 | 242.1840 | .0051165 | -.008022 | -.334158 | .0005492 | .0014197 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.176564 | .0094130 | .0189708 | -.000737 | .0073326 | -.005233 | -.005469 |
| Stddev | .025685  | .0058646 | .0028066 | .000293  | .0043166 | .001303  | .001588  |
| %RSD   | 14.54728 | 62.30370 | 14.79438 | 39.74137 | 58.86868 | 24.88943 | 29.02793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.193179 | .0161243 | .0165963 | -.000924 | .0034048 | -.006343 | -.004465 |
| #2 | -.146980 | .0068404 | .0220681 | -.000888 | .0066390 | -.003799 | -.007299 |
| #3 | -.189532 | .0052743 | .0182479 | -.000400 | .0119541 | -.005558 | -.004643 |

Sample Name: ICSA      Acquired: 05/27/2020 13:47:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002183 | .0091323 | .0961249 |
| Stddev | .000407  | .0010807 | .0004259 |
| %RSD   | 18.65363 | 11.83331 | .4430901 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001903 | .0083381 | .0965590 |
| #2 | -.001995 | .0086960 | .0961079 |
| #3 | -.002650 | .0103630 | .0957077 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1355.964 | 1618.054 | 43857.20 | 10279.60 | 2393.349 |
| Stddev    | 8.697    | 2.486    | 229.65   | 19.75    | 4.393    |
| %RSD      | .6413946 | .1536545 | .5236299 | .1920992 | .1835707 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1359.060 | 1618.992 | 43668.27 | 10258.24 | 2396.461 |
| #2 | 1346.142 | 1619.935 | 43790.52 | 10283.36 | 2395.261 |
| #3 | 1362.689 | 1615.235 | 44112.81 | 10297.19 | 2388.323 |

Sample Name: ICSAB      Acquired: 05/27/2020 13:57:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1119162 | .1086728 | .0391640 | .0339601 | .5794394 | 233.2395 |
| Stddev | .0028089 | .0038972 | .0027465 | .0072024 | .0017571 | .1970    |
| %RSD   | 2.509839 | 3.586140 | 7.012796 | 21.20827 | .3032346 | .0844559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1089984 | .1075402 | .0363192 | .0422123 | .5792864 | 233.0441 |
| #2 | .1121482 | .1130108 | .0393725 | .0289397 | .5812679 | 233.4380 |
| #3 | .1146019 | .1054673 | .0418003 | .0307284 | .5777638 | 233.2364 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4888190 | .4803434 | .9547636 | 232.8723 | .5083807 | .4688322 |
| Stddev | .0005857 | .0014675 | .0032728 | .4828    | .0025584 | .0013686 |
| %RSD   | .1198120 | .3055080 | .3427878 | .2073079 | .5032363 | .2919191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4884197 | .4793312 | .9540135 | 232.3280 | .5071331 | .4682929 |
| #2 | .4885460 | .4820264 | .9519309 | 233.0403 | .5113235 | .4678154 |
| #3 | .4894913 | .4796726 | .9583463 | 233.2487 | .5066854 | .4703883 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4477104 | 97.77030 | .4867384 | 232.7089 | .9462793 | .1863012 |
| Stddev | .0035199 | .23343   | .0022820 | .7626    | .0026781 | .0006539 |
| %RSD   | .7862098 | .2387543 | .4688376 | .3276957 | .2830114 | .3510077 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4469663 | 97.52200 | .4844140 | 231.9585 | .9476600 | .1868962 |
| #2 | .4515429 | 97.80363 | .4889755 | 232.6851 | .9431926 | .1856011 |
| #3 | .4446220 | 97.98528 | .4868257 | 233.4831 | .9479853 | .1864062 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.392358 | .4726155 | 1.089934 | -.377434 | F .0141185 | F .1570821 |
| Stddev | .307516  | .0046850 | .002837  | .093036  | .0046721   | .0017384   |
| %RSD   | 78.37648 | .9912979 | .2602855 | 24.64956 | 33.09224   | 1.106660   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.743924 | .4691351 | 1.088484 | -.458117 | .0100433 | .1569783 |
| #2 | -.259788 | .4707689 | 1.088114 | -.398518 | .0130944 | .1588701 |
| #3 | -.173362 | .4779424 | 1.093202 | -.275665 | .0192177 | .1553980 |

Sample Name: ICSAB      Acquired: 05/27/2020 13:57:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |            |            |          |
|--------|------------|----------|------------|------------|------------|----------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361     | Li6707   |
| Units  | ppm        | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | F .1323755 | .0124525 | F .1365787 | F .1346642 | F .1384594 | .0065653 |
| Stddev | .0007033   | .0015655 | .0010118   | .0018391   | .0013833   | .0013842 |
| %RSD   | .5313107   | 12.57193 | .7408568   | 1.365655   | .9990658   | 21.08389 |
|        |            |          |            |            |            |          |
| #1     | .1320808   | .0140025 | .1370830   | .1334675   | .1388470   | .0066246 |
| #2     | .1318674   | .0108719 | .1354138   | .1367818   | .1396075   | .0079189 |
| #3     | .1331782   | .0124832 | .1372393   | .1337433   | .1369236   | .0051524 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0925142 |
| Stddev | .0000911 |
| %RSD   | .0985006 |
|        |          |
| #1     | .0924717 |
| #2     | .0924520 |
| #3     | .0926188 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1348.310 | 1611.011 | 43718.02 | 10248.90 | 2393.222 |
| Stddev    | 8.216    | 1.794    | 59.43    | 48.26    | 3.622    |
| %RSD      | .6093419 | .1113895 | .1359436 | .4709120 | .1513358 |
|           |          |          |          |          |          |
| #1        | 1357.136 | 1609.238 | 43782.83 | 10296.51 | 2390.049 |
| #2        | 1346.909 | 1612.826 | 43705.14 | 10200.01 | 2397.168 |
| #3        | 1340.884 | 1610.969 | 43666.08 | 10250.17 | 2392.450 |



Sample Name: CCV092      Acquired: 05/27/2020 14:20:50      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV092      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.924651 | 4.802910 | 24.26404 | 4.616664 | 4.910145 | 419.1209 | 9.978018 |
| Stddev | .019787  | .009502  | .04868   | .030999  | .011271  | 2.0176   | .027320  |
| %RSD   | .4017943 | .1978463 | .2006190 | .6714505 | .2295394 | .4813997 | .2737985 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.902197 | 4.796784 | 24.20789 | 4.581496 | 4.899840 | 419.9214 | 10.00752 |
| #2 | 4.939535 | 4.798090 | 24.28993 | 4.640017 | 4.922181 | 420.6155 | 9.97294  |
| #3 | 4.932222 | 4.813857 | 24.29430 | 4.628481 | 4.908413 | 416.8259 | 9.95359  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4911490 | 2.456096 | 424.7685 | 14.69441 | 2.466781 | 14.81890 | 425.6432 |
| Stddev | .0004605 | .007962  | 1.0889   | .02662   | .005489  | .03371   | 1.5117   |
| %RSD   | .0937574 | .3241755 | .2563542 | .1811745 | .2225259 | .2274490 | .3551456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4908583 | 2.447230 | 425.9788 | 14.68634 | 2.461360 | 14.85088 | 427.3886 |
| #2 | .4909088 | 2.458421 | 424.4583 | 14.67275 | 2.472336 | 14.82213 | 424.7634 |
| #3 | .4916799 | 2.462637 | 423.8683 | 14.72413 | 2.466647 | 14.78370 | 424.7774 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.69573 | 418.7925 | 2.461602 | 1.247462 | 420.4250 | 2.470496 | 14.76520 |
| Stddev | .04064   | .7824    | .007996  | .005327  | 2.0134   | .005683  | .09536   |
| %RSD   | .2765195 | .1868128 | .3248174 | .4270089 | .4788866 | .2300241 | .6458227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.73789 | 419.6941 | 2.453993 | 1.251613 | 422.6063 | 2.474007 | 14.85104 |
| #2 | 14.69251 | 418.2914 | 2.460879 | 1.241455 | 418.6378 | 2.473541 | 14.66256 |
| #3 | 14.65681 | 418.3921 | 2.469935 | 1.249316 | 420.0308 | 2.463939 | 14.78199 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.4176 | 4.997724 | 4.915475 | 4.797388 | 4.951229 | 4.862728 | 4.917024 |
| Stddev | .0696    | .010843  | .002691  | .015652  | .008612  | .013753  | .004753  |
| %RSD   | .0462516 | .2169651 | .0547388 | .3262557 | .1739362 | .2828344 | .0966631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 150.3779 | 5.008883 | 4.914603 | 4.780350 | 4.941821 | 4.873357 | 4.912943 |
| #2 | 150.3770 | 4.997063 | 4.918493 | 4.811128 | 4.953145 | 4.867632 | 4.915887 |
| #3 | 150.4979 | 4.987226 | 4.913328 | 4.800686 | 4.958722 | 4.847195 | 4.922243 |

Sample Name: CCV092      Acquired: 05/27/2020 14:20:50      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV092      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.896748 | 5.045879 | 4.929928 |
| Stddev | .009827  | .012252  | .046790  |
| %RSD   | .2006750 | .2428173 | .9490976 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.908091 | 5.059626 | 4.877885 |
| #2 | 4.890806 | 5.036110 | 4.968516 |
| #3 | 4.891348 | 5.041901 | 4.943384 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1217.545 | 1432.599 | 41071.97 | 9967.566 | 2127.239 |
| Stddev    | 9.710    | 3.168    | 178.45   | 19.816   | 2.462    |
| %RSD      | .7974714 | .2211522 | .4344865 | .1988007 | .1157525 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1208.392 | 1436.243 | 40929.40 | 9961.128 | 2129.422 |
| #2 | 1227.728 | 1431.050 | 41272.10 | 9951.770 | 2127.725 |
| #3 | 1216.513 | 1430.503 | 41014.42 | 9989.800 | 2124.570 |

Sample Name: CCB092      Acquired: 05/27/2020 14:24:50      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB092      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004168 | .0009242 | .0016239 | .0010111 | .0002753 | .0018487 | .0002392 |
| Stddev | .0035916 | .0020765 | .0023646 | .0023807 | .0003111 | .0112209 | .0001666 |
| %RSD   | 861.6341 | 224.6714 | 145.6133 | 235.4569 | 113.0019 | 606.9467 | 69.61401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003106 | .0020565 | .0040983 | -.001566 | .0004691 | .0139790 | .0004270 |
| #2 | .004073  | .0021885 | -.000613 | .003128  | .0004402 | -.008160 | .0001093 |
| #3 | .000284  | -.001472 | .001386  | .001471  | -.000084 | -.000273 | .0001815 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000438 | -.000005 | -.024805 | .0000817 | .0001751 | .0005145 | .0108206 |
| Stddev | .0000882 | .000047  | .009276  | .0003850 | .0000745 | .0015356 | .0039699 |
| %RSD   | 201.3713 | 986.8851 | 37.39561 | 471.1752 | 42.55313 | 298.4363 | 36.68853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000683 | -.000034 | -.035289 | .0004360 | .0001806 | -.000919 | .0153071 |
| #2 | .0001172 | .000050  | -.021459 | .0001370 | .0002466 | .000328  | .0093922 |
| #3 | -.000054 | -.000030 | -.017666 | -.000328 | .0000979 | .002135  | .0077626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002878 | -.003674 | .0019046 | -.000103 | .3977137 | .0017567 | .0009682 |
| Stddev | .0003814 | .010124  | .0003531 | .000653  | .1436194 | .0019756 | .0035509 |
| %RSD   | 132.5392 | 275.5422 | 18.53981 | 632.6367 | 36.11126 | 112.4595 | 366.7475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001862 | .004390  | .0022815 | .000650  | .5418852 | .0028811 | -.001429 |
| #2 | .0007097 | -.000376 | .0018506 | -.000442 | .2546528 | -.000524 | .005048  |
| #3 | -.000033 | -.015036 | .0015815 | -.000517 | .3966031 | .002913  | -.000713 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2364628 | .0020004 | .0161546 | .0001174 | .0009660 | .0008845 | .0006143 |
| Stddev | .0279243 | .0032104 | .0006319 | .0002314 | .0082139 | .0007085 | .0008483 |
| %RSD   | 11.80915 | 160.4857 | 3.911330 | 197.1086 | 850.3390 | 80.10913 | 138.0958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2092548 | -.000965 | .0163630 | .0000428 | .0078570 | .0014913 | .0014375 |
| #2 | .2350816 | .001557  | .0166560 | -.000068 | .0031643 | .0010563 | -.000257 |
| #3 | .2650520 | .005409  | .0154449 | .000377  | -.008123 | .0001058 | .000662  |

Sample Name: CCB092      Acquired: 05/27/2020 14:24:50      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB092      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002557 | .0057903 | .0000039 |
| Stddev | .0005129 | .0029401 | .0000422 |
| %RSD   | 200.5802 | 50.77691 | 1090.791 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000331 | .0091825 | .0000208 |
| #2 | .000481  | .0039778 | .0000350 |
| #3 | .000617  | .0042104 | -.000044 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1448.895 | 1738.939 | 46285.57 | 10444.13 | 2760.815 |
| Stddev    | 8.097    | 3.118    | 213.57   | 23.00    | 4.851    |
| %RSD      | .5588180 | .1792960 | .4614246 | .2202315 | .1756945 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1446.439 | 1739.754 | 46100.09 | 10469.23 | 2759.617 |
| #2 | 1442.310 | 1741.568 | 46237.57 | 10439.10 | 2766.153 |
| #3 | 1457.935 | 1735.494 | 46519.06 | 10424.06 | 2756.676 |

Sample Name: PB129006BL      Acquired: 05/27/2020 14:59:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS006      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026049 | .0012746 | .0003956 | -.000214 | -.001733 | -.009115 | -.000075 |
| Stddev | .0053529 | .0004342 | .0008627 | .003952  | .001018  | .003123  | .000935  |
| %RSD   | 205.4924 | 34.06472 | 218.0632 | 1850.189 | 58.74671 | 34.26831 | 1251.778 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002361 | .0017319 | .0013816 | .003209  | -.002647 | -.012691 | -.000734 |
| #2 | .001900  | .0012238 | -.000220 | .000689  | -.000636 | -.007730 | .000995  |
| #3 | .008275  | .0008680 | .000025  | -.004539 | -.001917 | -.006923 | -.000485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000095 | -.000007 | -.010041 | -.000217 | -.000034 | -.000677 | .0084239 |
| Stddev | .0000291 | .000124  | .003320  | .000017  | .000371  | .002000  | .0078159 |
| %RSD   | 307.3030 | 1660.003 | 33.06583 | 7.998746 | 1080.778 | 295.4136 | 92.78250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000023 | .000077  | -.013866 | -.000209 | .000272  | .001464  | .0053465 |
| #2 | .000019  | -.000150 | -.008357 | -.000205 | .000071  | -.000996 | .0026151 |
| #3 | .000032  | .000051  | -.007900 | -.000237 | -.000447 | -.002498 | .0173101 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000125 | -.016841 | .0014147 | -.000668 | -.059990 | -.000921 | -.003512 |
| Stddev | .000044  | .006748  | .0003463 | .000209  | .087541  | .001948  | .002397  |
| %RSD   | 35.37600 | 40.06878 | 24.48128 | 31.20304 | 145.9258 | 211.6517 | 68.26416 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000175 | -.013567 | .0010197 | -.000458 | -.159755 | .000424  | -.004006 |
| #2 | -.000109 | -.024601 | .0016663 | -.000875 | .003985  | -.000031 | -.005624 |
| #3 | -.000091 | -.012354 | .0015580 | -.000673 | -.024199 | -.003155 | -.000906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1762959 | .0050062 | .0003255 | -.000302 | -.000647 | -.000043 | -.000955 |
| Stddev | .0437153 | .0019938 | .0008274 | .000447  | .002727  | .000639  | .000648  |
| %RSD   | 24.79655 | 39.82701 | 254.1924 | 147.7527 | 421.8222 | 1481.115 | 67.88885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1822745 | .0070807 | .0001513 | -.000454 | -.003413 | -.000498 | -.001284 |
| #2 | .2167143 | .0048336 | -.000401 | -.000654 | .002040  | -.000319 | -.000208 |
| #3 | .1298990 | .0031042 | .001226  | .000201  | -.000567 | .000688  | -.001373 |

Sample Name: PB129006BL      Acquired: 05/27/2020 14:59:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS006      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003100 | .0003500 | -.000031 |
| Stddev | .0011072 | .0007302 | .000077  |
| %RSD   | 357.1815 | 208.6552 | 247.6447 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000497 | -.000469 | -.000005 |
| #2 | -.000145 | .000587  | .000029  |
| #3 | .001572  | .000932  | -.000117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1457.077 | 1730.640 | 46552.25 | 10417.62 | 2751.209 |
| Stddev    | 6.647    | 1.395    | 118.88   | 251.09   | 1.279    |
| %RSD      | .4561697 | .0806013 | .2553604 | 2.410206 | .0464959 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1462.797 | 1729.082 | 46689.39 | 10564.20 | 2751.372 |
| #2 | 1449.786 | 1731.772 | 46488.84 | 10127.70 | 2749.856 |
| #3 | 1458.650 | 1731.067 | 46478.53 | 10560.97 | 2752.399 |

Sample Name: PB129006BS      Acquired: 05/27/2020 15:03:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS006      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0238971 | .0540262 | .0225325 | .0706272 | .1259279 | .3852326 |
| Stddev | .0031348 | .0010047 | .0028307 | .0011429 | .0008779 | .0042351 |
| %RSD   | 13.11779 | 1.859667 | 12.56253 | 1.618206 | .6971882 | 1.099353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0258922 | .0540334 | .0215278 | .0718167 | .1249958 | .3891497 |
| #2 | .0255151 | .0530179 | .0257284 | .0695374 | .1260488 | .3807387 |
| #3 | .0202839 | .0550272 | .0203412 | .0705274 | .1267392 | .3858095 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3577127 | .0105427 | .0100714 | 9.877926 | .0207730 | .0951728 |
| Stddev | .0002939 | .0000726 | .0000476 | .046447  | .0002088 | .0003470 |
| %RSD   | .0821504 | .6885223 | .4729027 | .4702134 | 1.005105 | .3646441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3576704 | .0105909 | .0100344 | 9.855363 | .0207245 | .0955507 |
| #2 | .3574423 | .0104592 | .0101252 | 9.847071 | .0210018 | .0950994 |
| #3 | .3580254 | .0105779 | .0100547 | 9.931345 | .0205928 | .0948684 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0434838 | .2121899 | .0325623 | 9.697558 | .0828503 | .0198101 |
| Stddev | .0021760 | .0010534 | .0001899 | .040117  | .0004424 | .0005737 |
| %RSD   | 5.004101 | .4964206 | .5831139 | .4136850 | .5340219 | 2.895816 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0446447 | .2129042 | .0323465 | 9.651247 | .0833278 | .0198182 |
| #2 | .0409735 | .2126853 | .0326367 | 9.721669 | .0824543 | .0203796 |
| #3 | .0448331 | .2109802 | .0327037 | 9.719756 | .0827688 | .0192324 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.09490 | .1038468 | .1407716 | 9.332359 | .0190873 | F .0202414 |
| Stddev | .22785   | .0009865 | .0046500 | .007853  | .0015679 | .0017272   |
| %RSD   | 2.257096 | .9499571 | 3.303255 | .0841485 | 8.214112 | 8.532923   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.83182  | .1049007 | .1407602 | 9.326939 | .0175736 | .0221498 |
| #2 | 10.22326 | .1036941 | .1454273 | 9.328772 | .0207042 | .0197890 |
| #3 | 10.22961 | .1029455 | .1361272 | 9.341365 | .0189841 | .0187854 |

Sample Name: PB129006BS      Acquired: 05/27/2020 15:03:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS006      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0195764 | .1637967 | .2100162 | .0111503 | .1971845 | F .0967402 |
| Stddev | .0006692 | .0024843 | .0010643 | .0014046 | .0002388 | .0011517   |
| %RSD   | 3.418368 | 1.516701 | .5067631 | 12.59739 | .1210812 | 1.190528   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0203451 | .1615154 | .2090601 | .0100404 | .1970531 | .0954298 |
| #2 | .0191243 | .1634312 | .2098256 | .0106810 | .1974601 | .0975918 |
| #3 | .0192597 | .1664435 | .2111629 | .0127295 | .1970403 | .0971990 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1911640 |
| Stddev | .0003289 |
| %RSD   | .1720602 |

|    |          |
|----|----------|
| #1 | .1908401 |
| #2 | .1911543 |
| #3 | .1914977 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1436.393 | 1728.525 | 45931.51 | 10536.62 | 2755.385 |
| Stddev    | 17.145   | 1.619    | 596.63   | 39.58    | 2.161    |
| %RSD      | 1.193618 | .0936767 | 1.298965 | .3756092 | .0784463 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1453.920 | 1729.102 | 46325.18 | 10555.14 | 2756.906 |
| #2 | 1419.657 | 1729.777 | 45245.04 | 10563.54 | 2752.911 |
| #3 | 1435.602 | 1726.697 | 46224.31 | 10491.18 | 2756.337 |



Sample Name: L2667-13      Acquired: 05/27/2020 15:13:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MX2M41      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2622538 | .3520605 | .0636614 | .0657559 | .1123345 | 48.46701 | .0882054 |
| Stddev | .0023368 | .0007087 | .0022752 | .0050772 | .0010963 | .04839   | .0006044 |
| %RSD   | .8910575 | .2012921 | 3.573876 | 7.721294 | .9759168 | .0998456 | .6852116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2641185 | .3513722 | .0662790 | .0601457 | .1110690 | 48.41220 | .0878522 |
| #2 | .2596324 | .3520215 | .0625464 | .0700348 | .1129972 | 48.50383 | .0889032 |
| #3 | .2630105 | .3527879 | .0621588 | .0670873 | .1129372 | 48.48500 | .0878607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2429675 | .1834807 | 15.32611 | .0728008 | .0119302 | .5728167 | 62.11735 |
| Stddev | .0003199 | .0001666 | .03513   | .0007219 | .0001428 | .0027503 | .11621   |
| %RSD   | .1316620 | .0908168 | .2292083 | .9916008 | 1.197030 | .4801425 | .1870797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2427551 | .1833637 | 15.28854 | .0730565 | .0119934 | .5743798 | 62.00294 |
| #2 | .2433354 | .1834070 | 15.35814 | .0719858 | .0120305 | .5744292 | 62.23528 |
| #3 | .2428119 | .1836715 | 15.33166 | .0733599 | .0117667 | .5696410 | 62.11381 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5009343 | 4.369310 | .3829665 | .2693025 | 10.56607 | 2.011125 | .7336834 |
| Stddev | .0013513 | .053737  | .0010183 | .0003053 | .06119   | .010182  | .0064346 |
| %RSD   | .2697634 | 1.229873 | .2658998 | .1133567 | .5791448 | .5062756 | .8770247 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5005739 | 4.307317 | .3818804 | .2692957 | 10.60498 | 2.006711 | .7396781 |
| #2 | .5024292 | 4.398006 | .3831193 | .2696111 | 10.49554 | 2.022769 | .7268845 |
| #3 | .4997996 | 4.402608 | .3838998 | .2690006 | 10.59770 | 2.003894 | .7344875 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 105.8063 | .1692752 | .0141380 | .0114748 | .9738943 | 8.487352 | .0122237 |
| Stddev | .1424    | .0017131 | .0009991 | .0003037 | .0063260 | .015710  | .0011883 |
| %RSD   | .1345803 | 1.011993 | 7.066934 | 2.646952 | .6495596 | .1851028 | 9.721240 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 105.7511 | .1710269 | .0147593 | .0118254 | .9796390 | 8.479822 | .0112216 |
| #2 | 105.9681 | .1691953 | .0129855 | .0112911 | .9671146 | 8.505410 | .0135365 |
| #3 | 105.6998 | .1676036 | .0146692 | .0113080 | .9749294 | 8.476825 | .0119130 |

Sample Name: L2667-13      Acquired: 05/27/2020 15:13:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MX2M41      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5498721 | .0100430 | .0280016 |
| Stddev | .0007590 | .0008626 | .0000655 |
| %RSD   | .1380265 | 8.589170 | .2339001 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5499537 | .0103524 | .0280214 |
| #2 | .5505869 | .0107083 | .0280550 |
| #3 | .5490756 | .0090684 | .0279285 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1486.489 | 1771.475 | 47745.87 | 10910.68 | 2665.794 |
| Stddev    | 2.315    | 2.092    | 75.73    | 30.34    | 3.115    |
| %RSD      | .1557334 | .1181004 | .1586122 | .2780625 | .1168654 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1483.964 | 1769.078 | 47793.10 | 10943.82 | 2669.355 |
| #2 | 1486.991 | 1772.936 | 47785.98 | 10884.26 | 2663.573 |
| #3 | 1488.512 | 1772.410 | 47658.52 | 10903.98 | 2664.453 |

Sample Name: L2667-14      Acquired: 05/27/2020 15:20:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MX2M41D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2502391 | .3501240 | .0625250 | .0628816 | .1089210 | 48.54146 | .0880804 |
| Stddev | .0050111 | .0043815 | .0038640 | .0019722 | .0045546 | .22218   | .0003912 |
| %RSD   | 2.002539 | 1.251400 | 6.179883 | 3.136303 | 4.181517 | .4577081 | .4441262 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2498755 | .3466631 | .0662978 | .0615157 | .1048937 | 48.44173 | .0884837 |
| #2 | .2554222 | .3486585 | .0585759 | .0619866 | .1138637 | 48.38663 | .0880550 |
| #3 | .2454197 | .3550503 | .0627012 | .0651426 | .1080055 | 48.79603 | .0877026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2447265 | .1838987 | 15.32833 | .0733839 | .0119289 | .5691131 | 62.18193 |
| Stddev | .0015740 | .0001668 | .04320   | .0003221 | .0002855 | .0017414 | .25793   |
| %RSD   | .6431644 | .0907179 | .2818270 | .4389292 | 2.392899 | .3059852 | .4148048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2443604 | .1839596 | 15.37669 | .0735356 | .0118366 | .5671526 | 62.46352 |
| #2 | .2433678 | .1837100 | 15.29356 | .0730140 | .0122490 | .5704805 | 61.95712 |
| #3 | .2464512 | .1840266 | 15.31474 | .0736022 | .0117010 | .5697061 | 62.12514 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5010303 | 4.428289 | .3813051 | .2696685 | 10.47220 | 2.018244 | .7286706 |
| Stddev | .0015354 | .034966  | .0002478 | .0008165 | .09421   | .009052  | .0023683 |
| %RSD   | .3064397 | .7895952 | .0649764 | .3027789 | .8996193 | .4484935 | .3250129 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5022311 | 4.463764 | .3815844 | .2694724 | 10.56501 | 2.028660 | .7304200 |
| #2 | .4993003 | 4.427245 | .3812194 | .2705651 | 10.37665 | 2.013778 | .7296162 |
| #3 | .5015594 | 4.393856 | .3811116 | .2689679 | 10.47493 | 2.012293 | .7259756 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 106.0059 | .1661222 | .0150347 | .0116109 | .9781271 | 8.561038 | .0116846 |
| Stddev | .3630    | .0024235 | .0012036 | .0002799 | .0032362 | .035732  | .0017704 |
| %RSD   | .3424804 | 1.458885 | 8.005300 | 2.410428 | .3308537 | .4173836 | 15.15161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 105.8922 | .1633238 | .0162595 | .0118968 | .9785552 | 8.574768 | .0137199 |
| #2 | 105.7132 | .1675392 | .0149912 | .0115985 | .9811279 | 8.520478 | .0108334 |
| #3 | 106.4121 | .1675036 | .0138535 | .0113374 | .9746982 | 8.587869 | .0105006 |

Sample Name: L2667-14      Acquired: 05/27/2020 15:20:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MX2M41D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5522312 | .0095663 | .0280488 |
| Stddev | .0022685 | .0021900 | .0002169 |
| %RSD   | .4107907 | 22.89309 | .7732077 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5525850 | .0097583 | .0278026 |
| #2 | .5498065 | .0116540 | .0281319 |
| #3 | .5543020 | .0072866 | .0282118 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1501.949 | 1779.892 | 47980.65 | 10884.99 | 2681.716 |
| Stddev    | 7.678    | 2.741    | 70.31    | 70.32    | 9.613    |
| %RSD      | .5111918 | .1539718 | .1465408 | .6460248 | .3584777 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1502.919 | 1782.210 | 48053.84 | 10874.26 | 2688.339 |
| #2 | 1493.832 | 1780.598 | 47974.48 | 10960.06 | 2686.120 |
| #3 | 1509.096 | 1776.867 | 47913.63 | 10820.65 | 2670.690 |

Sample Name: L2667-15      Acquired: 05/27/2020 15:24:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MX2M41S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3442137 | .4684245 | .1097724 | .1664135 | .3460288 | 51.96895 | 4.894793 |
| Stddev | .0040834 | .0015461 | .0009925 | .0049272 | .0039309 | .46770   | .037622  |
| %RSD   | 1.186284 | .3300694 | .9041505 | 2.960816 | 1.135993 | .8999515 | .7686028 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3401508 | .4667826 | .1088853 | .1615168 | .3452629 | 51.55049 | 4.869333 |
| #2 | .3441731 | .4698526 | .1095875 | .1713706 | .3425372 | 52.47382 | 4.938006 |
| #3 | .3483172 | .4686382 | .1108443 | .1663531 | .3502862 | 51.88254 | 4.877040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3524427 | .3018327 | 15.02424 | .5372903 | 1.211718 | 1.062584 | 63.25662 |
| Stddev | .0034025 | .0024245 | .14604   | .0028274 | .007420  | .012386  | .33489   |
| %RSD   | .9654061 | .8032628 | .9720284 | .5262340 | .6123236 | 1.165603 | .5294116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3510081 | .3001094 | 14.94442 | .5356825 | 1.207543 | 1.053289 | 63.08525 |
| #2 | .3563275 | .3007836 | 15.19280 | .5356336 | 1.207326 | 1.076645 | 63.64251 |
| #3 | .3499923 | .3046051 | 14.93552 | .5405550 | 1.220284 | 1.057819 | 63.04209 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.682792 | 4.324514 | 1.585031 | .3783506 | 10.39673 | 3.155834 | 2.041734 |
| Stddev | .010424  | .016037  | .011967  | .0015860 | .10589   | .025933  | .014117  |
| %RSD   | .6194739 | .3708303 | .7549916 | .4191892 | 1.018537 | .8217452 | .6914387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.674818 | 4.306777 | 1.578648 | .3792513 | 10.27482 | 3.147141 | 2.055197 |
| #2 | 1.694588 | 4.337989 | 1.577608 | .3792812 | 10.44942 | 3.184997 | 2.027043 |
| #3 | 1.678968 | 4.328775 | 1.598836 | .3765193 | 10.46594 | 3.135365 | 2.042963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 103.5578 | .1628288 | .0157677 | .0115836 | .9661997 | 8.265716 | .0125675 |
| Stddev | .7925    | .0030284 | .0016748 | .0001399 | .0097307 | .090294  | .0018684 |
| %RSD   | .7653023 | 1.859863 | 10.62195 | 1.207624 | 1.007109 | 1.092398 | 14.86695 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 102.9849 | .1598674 | .0172922 | .0116614 | .9563900 | 8.221505 | .0111896 |
| #2 | 104.4623 | .1626989 | .0160360 | .0116672 | .9663596 | 8.369596 | .0118188 |
| #3 | 103.2261 | .1659200 | .0139749 | .0114221 | .9758494 | 8.206046 | .0146942 |

Sample Name: L2667-15      Acquired: 05/27/2020 15:24:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MX2M41S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5407744 | .0111221 | .0274980 |
| Stddev | .0056746 | .0012709 | .0002332 |
| %RSD   | 1.049337 | 11.42689 | .8479450 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5348863 | .0125352 | .0273561 |
| #2 | .5462080 | .0107587 | .0277671 |
| #3 | .5412290 | .0100725 | .0273708 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1488.616 | 1760.520 | 47876.70 | 10917.39 | 2658.259 |
| Stddev    | 6.573    | 11.837   | 64.15    | 86.41    | 13.741   |
| %RSD      | .4415212 | .6723425 | .1340002 | .7915027 | .5169351 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1481.104 | 1762.373 | 47830.96 | 10987.42 | 2663.520 |
| #2 | 1491.435 | 1771.321 | 47950.04 | 10820.82 | 2668.592 |
| #3 | 1493.308 | 1747.866 | 47849.11 | 10943.92 | 2642.664 |

Sample Name: L2667-13LX5      Acquired: 05/27/2020 15:28:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MX2M41L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0512799 | .0722196 | .0112404 | .0148873 | .0228413 | 9.983483 | .0182551 |
| Stddev | .0006261 | .0017384 | .0020050 | .0028078 | .0016152 | .218161  | .0005273 |
| %RSD   | 1.220873 | 2.407079 | 17.83710 | 18.86025 | 7.071584 | 2.185222 | 2.888709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0511276 | .0730029 | .0090538 | .0157784 | .0245155 | 9.840361 | .0177730 |
| #2 | .0519681 | .0702274 | .0116750 | .0171413 | .0212922 | 10.23458 | .0188183 |
| #3 | .0507441 | .0734285 | .0129924 | .0117421 | .0227163 | 9.87551  | .0181740 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0515260 | .0369368 | 3.160767 | .0151142 | .0017938 | .1215553 | 12.98687 |
| Stddev | .0008405 | .0000252 | .067380  | .0008102 | .0003007 | .0018890 | .24250   |
| %RSD   | 1.631283 | .0682715 | 2.131760 | 5.360609 | 16.76493 | 1.553998 | 1.867266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0507082 | .0369086 | 3.109442 | .0144069 | .0018234 | .1205652 | 12.76846 |
| #2 | .0523875 | .0369447 | 3.237069 | .0149377 | .0020786 | .1237335 | 13.24783 |
| #3 | .0514823 | .0369572 | 3.135791 | .0159982 | .0014793 | .1203673 | 12.94432 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1046624 | .9080508 | .0781485 | .0563699 | 2.274497 | .4156130 | .1556021 |
| Stddev | .0013580 | .0274196 | .0003351 | .0015685 | .098163  | .0046407 | .0024617 |
| %RSD   | 1.297499 | 3.019611 | .4288272 | 2.782452 | 4.315797 | 1.116590 | 1.582044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1038950 | .8868178 | .0785317 | .0553254 | 2.225366 | .4107931 | .1529839 |
| #2 | .1062303 | .9390070 | .0779102 | .0556107 | 2.387525 | .4200509 | .1559528 |
| #3 | .1038618 | .8983275 | .0780036 | .0581735 | 2.210600 | .4159950 | .1578697 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.02277 | .0313123 | .0017040 | .0022085 | .1930386 | 1.792998 | .0018882 |
| Stddev | .54437   | .0036613 | .0009785 | .0003670 | .0060766 | .024026  | .0009096 |
| %RSD   | 2.471843 | 11.69291 | 57.42146 | 16.61513 | 3.147858 | 1.340006 | 48.17099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.58106 | .0273859 | .0028012 | .0022332 | .1906860 | 1.772194 | .0018791 |
| #2 | 22.63093 | .0346331 | .0013890 | .0025625 | .1999397 | 1.819296 | .0009832 |
| #3 | 21.85631 | .0319178 | .0009218 | .0018298 | .1884899 | 1.787505 | .0028023 |

Sample Name: L2667-13LX5      Acquired: 05/27/2020 15:28:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MX2M41L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1147664 | .0040173 | .0058153 |
| Stddev | .0029835 | .0003506 | .0000990 |
| %RSD   | 2.599656 | 8.726582 | 1.702079 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1134802 | .0040265 | .0057861 |
| #2 | .1181773 | .0036622 | .0059257 |
| #3 | .1126417 | .0043632 | .0057343 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1434.253 | 1735.290 | 45953.74 | 10492.65 | 2742.896 |
| Stddev    | 28.813   | 2.386    | 1110.69  | 168.99   | 3.141    |
| %RSD      | 2.008930 | .1375248 | 2.416970 | 1.610521 | .1145132 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1455.229 | 1736.521 | 46804.41 | 10600.14 | 2743.932 |
| #2 | 1446.130 | 1736.809 | 46359.61 | 10297.87 | 2745.388 |
| #3 | 1401.400 | 1732.539 | 44697.20 | 10579.94 | 2739.367 |



Sample Name: CCV093      Acquired: 05/27/2020 15:53:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV093      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.923024 | 4.824099 | 24.35027 | 4.642220 | 4.936022 | 420.2336 | 9.922510 |
| Stddev | .042917  | .044612  | .23868   | .058755  | .059475  | 1.0395   | .009250  |
| %RSD   | .8717657 | .9247737 | .9802065 | 1.265661 | 1.204914 | .2473734 | .0932184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.892621 | 4.791433 | 24.17241 | 4.583208 | 4.889841 | 419.6326 | 9.928557 |
| #2 | 4.972117 | 4.874928 | 24.62153 | 4.700714 | 5.003133 | 421.4339 | 9.927110 |
| #3 | 4.904335 | 4.805937 | 24.25688 | 4.642737 | 4.915094 | 419.6342 | 9.911862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4907685 | 2.458913 | 423.6148 | 14.60835 | 2.472775 | 14.85414 | 424.0074 |
| Stddev | .0016221 | .020886  | .2287    | .03130   | .022557  | .01272   | .5257    |
| %RSD   | .3305184 | .8494146 | .0539881 | .2142373 | .9122119 | .0856062 | .1239755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4889060 | 2.442131 | 423.3776 | 14.63829 | 2.455332 | 14.84374 | 423.6010 |
| #2 | .4918716 | 2.482305 | 423.8339 | 14.57585 | 2.498248 | 14.86832 | 423.8200 |
| #3 | .4915278 | 2.452304 | 423.6329 | 14.61092 | 2.464745 | 14.85036 | 424.6010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.63595 | 416.4771 | 2.469314 | 1.235745 | 418.4566 | 2.437135 | 14.72491 |
| Stddev | .01544   | .3156    | .024437  | .005602  | .3470    | .008356  | .18134   |
| %RSD   | .1054662 | .0757808 | .9896086 | .4533220 | .0829265 | .3428461 | 1.231501 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.61820 | 416.4260 | 2.451544 | 1.237577 | 418.8512 | 2.437587 | 14.67954 |
| #2 | 14.64341 | 416.1903 | 2.497181 | 1.240202 | 418.1993 | 2.445255 | 14.92463 |
| #3 | 14.64624 | 416.8152 | 2.459218 | 1.229457 | 418.3192 | 2.428562 | 14.57057 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 150.4524 | 5.058932 | 4.901373 | 4.809835 | 4.975071 | 4.872243 | 4.932514 |
| Stddev | .3675    | .064022  | .021972  | .056119  | .040696  | .031026  | .047832  |
| %RSD   | .2442965 | 1.265521 | .4482849 | 1.166765 | .8179887 | .6367887 | .9697290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 150.1037 | 5.005629 | 4.879477 | 4.765751 | 4.934609 | 4.841703 | 4.892495 |
| #2 | 150.8362 | 5.129944 | 4.923421 | 4.873009 | 5.015996 | 4.903733 | 4.985490 |
| #3 | 150.4173 | 5.041222 | 4.901222 | 4.790745 | 4.974610 | 4.871292 | 4.919558 |

Sample Name: CCV093      Acquired: 05/27/2020 15:53:30      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV093      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.891700 | 5.044024 | 4.910363 |
| Stddev | .013278  | .012706  | .006474  |
| %RSD   | .2714411 | .2518983 | .1318363 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.881190 | 5.031112 | 4.908922 |
| #2 | 4.906623 | 5.056513 | 4.917436 |
| #3 | 4.887288 | 5.044446 | 4.904731 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1221.133 | 1427.341 | 41477.47 | 9955.474 | 2120.692 |
| Stddev    | 8.421    | 16.535   | 81.08    | 10.629   | 19.165   |
| %RSD      | .6896415 | 1.158424 | .1954853 | .1067660 | .9037075 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1223.651 | 1439.343 | 41447.00 | 9948.800 | 2135.268 |
| #2 | 1211.740 | 1408.481 | 41416.03 | 9967.731 | 2098.984 |
| #3 | 1228.009 | 1434.199 | 41569.37 | 9949.890 | 2127.825 |

Sample Name: CCB093      Acquired: 05/27/2020 15:57:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB093      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000767 | .0027730 | .0010286 | .0027278 | -.001476 | -.001248 | .0006362 |
| Stddev | .003605  | .0016875 | .0009746 | .0035901 | .002263  | .002411  | .0003131 |
| %RSD   | 470.1279 | 60.85321 | 94.74911 | 131.6119 | 153.3019 | 193.1983 | 49.22103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004451 | .0044653 | .0001938 | .0052972 | -.000378 | .001536  | .0004829 |
| #2 | -.000603 | .0027633 | .0007924 | .0042604 | -.004079 | -.002611 | .0009964 |
| #3 | .002754  | .0010904 | .0020995 | -.001374 | .000029  | -.002669 | .0004292 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000021 | .0000267 | -.002719 | -.000173 | -.000154 | .0020055 | .0099090 |
| Stddev | .000019  | .0000689 | .007783  | .000101  | .000137  | .0005160 | .0021413 |
| %RSD   | 90.61004 | 258.5249 | 286.2334 | 58.52048 | 89.27400 | 25.72934 | 21.60967 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000022 | .0000315 | -.011704 | -.000144 | -.000097 | .0018816 | .0114460 |
| #2 | -.000002 | .0000930 | .001914  | -.000286 | -.000054 | .0025722 | .0074632 |
| #3 | -.000040 | -.000045 | .001634  | -.000090 | -.000310 | .0015627 | .0108179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | -.014724 | .0013514 | -.000375 | .2575399 | -.000181 | -.000380 |
| Stddev | .000279  | .007304  | .0001822 | .000143  | .1875538 | .002112  | .003808  |
| %RSD   | 588.9814 | 49.60536 | 13.48139 | 38.20166 | 72.82514 | 1168.311 | 1002.734 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000104 | -.009403 | .0015560 | -.000525 | .0488124 | -.000367 | -.004655 |
| #2 | .000256  | -.011717 | .0012913 | -.000363 | .3118932 | .002018  | .000871  |
| #3 | -.000294 | -.023051 | .0012068 | -.000239 | .4119141 | -.002193 | .002645  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6347297 | -.002847 | .0155651 | .0000243 | -.006441 | -.000332 | .0002015 |
| Stddev | .0597553 | .001964  | .0011732 | .0001246 | .006331  | .000711  | .0006092 |
| %RSD   | 9.414297 | 68.99568 | 7.537294 | 512.6778 | 98.28646 | 213.8204 | 302.4101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6971551 | -.003279 | .0169163 | .0001600 | -.009849 | -.001031 | .0002265 |
| #2 | .6289727 | -.000702 | .0149738 | -.000002 | -.010338 | .000390  | .0007978 |
| #3 | .5780612 | -.004558 | .0148052 | -.000085 | .000864  | -.000356 | -.000420 |

Sample Name: CCB093      Acquired: 05/27/2020 15:57:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1176)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB093      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000018 | .0069429 | .0000297 |
| Stddev | .000843  | .0011205 | .0000074 |
| %RSD   | 4754.799 | 16.13859 | 24.80770 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000802 | .0060526 | .0000330 |
| #2 | -.000124 | .0082011 | .0000212 |
| #3 | .000873  | .0065749 | .0000348 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1441.532 | 1721.763 | 46236.11 | 10443.24 | 2735.066 |
| Stddev    | 11.999   | .236     | 169.70   | 27.88    | 4.739    |
| %RSD      | .8323526 | .0137248 | .3670254 | .2669921 | .1732843 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1436.838 | 1721.850 | 46194.26 | 10435.71 | 2735.955 |
| #2 | 1455.169 | 1721.496 | 46422.82 | 10419.89 | 2739.297 |
| #3 | 1432.591 | 1721.943 | 46091.26 | 10474.11 | 2729.944 |