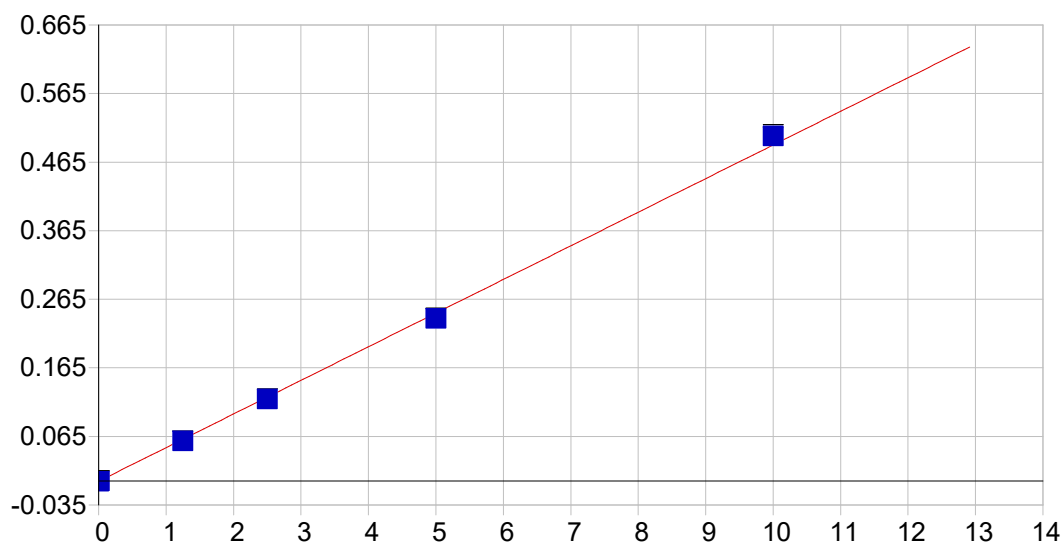


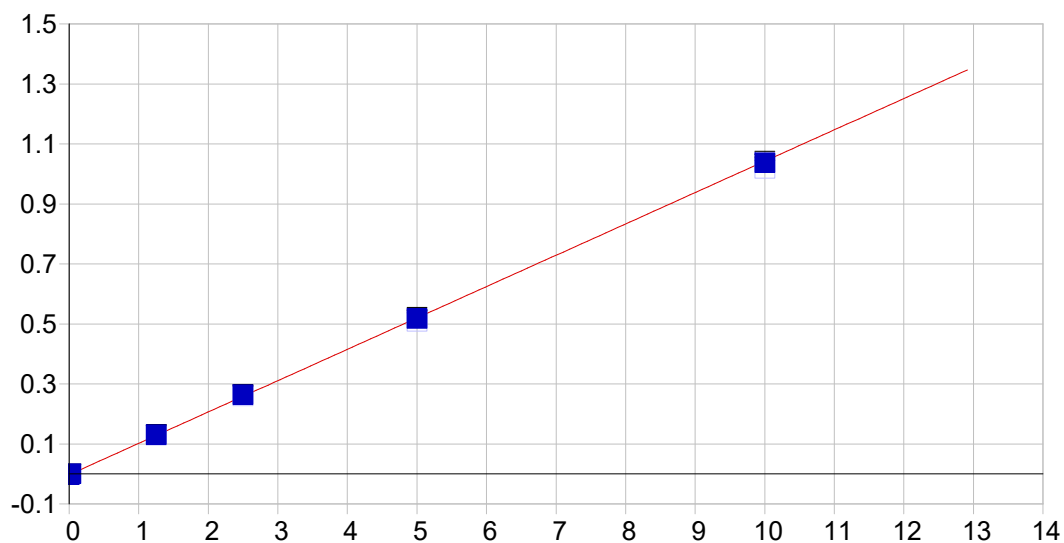


**As 189.042 {479}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000409 Re-Slope: 1.000000  
 A1 (Gain): 0.049044 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999582 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.004078  
 Predicted MQL: 0.013592

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00041 | .000    | 1        |
| S1        | .01000       | .00953      | -.000      | -4.69   | .00006  | .000    | 1        |
| S2        | 1.2500       | 1.1985      | -.052      | -4.12   | .05834  | .000    | 1        |
| S3        | 2.5000       | 2.4427      | -.057      | -2.29   | .11932  | .001    | 1        |
| S4        | 5.0000       | 4.8414      | -.159      | -3.17   | .23690  | .000    | 1        |
| S5        | 10.000       | 10.268      | .268       | 2.68    | .50289  | .002    | 1        |

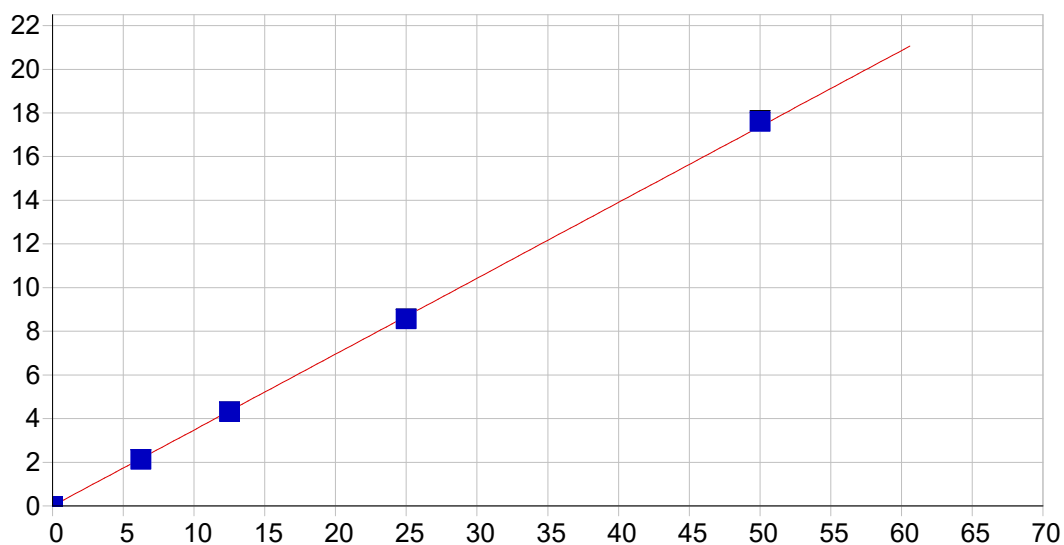


TI 190.856 {477}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002594 Re-Slope: 1.000000  
 A1 (Gain): 0.104490 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999948 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.003039  
 Predicted MQL: 0.010128

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00259 | .000    | 1        |
| S1        | .02500       | .02462      | -.000      | -1.51   | -.00013 | .000    | 1        |
| S2        | 1.2500       | 1.2733      | .023       | 1.86    | .12805  | .001    | 1        |
| S3        | 2.5000       | 2.5518      | .052       | 2.07    | .25923  | .001    | 1        |
| S4        | 5.0000       | 4.9758      | -.024      | -.483   | .50770  | .004    | 1        |
| S5        | 10.000       | 9.9494      | -.051      | -.506   | 1.0178  | .005    | 1        |

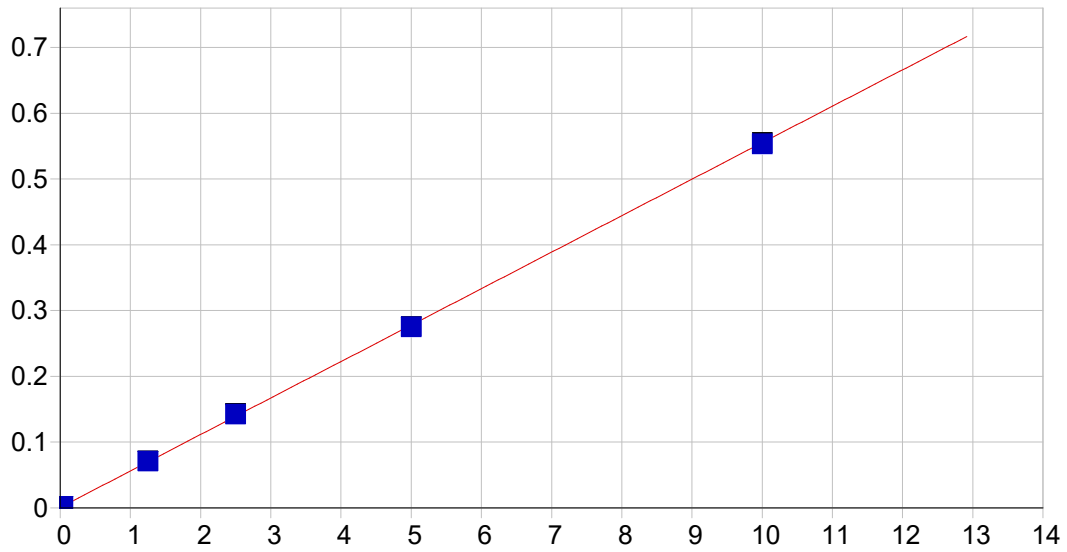


### Pb 220.353 {453}

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000849      Re-Slope: 1.000000  
 A1 (Gain): 0.347538      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999898      Status: OK.  
 Std Error of Est: 0.000186  
 Predicted MDL: 0.001934  
 Predicted MQL: 0.006448

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00085 | .000    | 1        |
| S1        | .01000       | .01122      | .001       | 12.2    | .00475 | .000    | 1        |
| S2        | 6.2500       | 6.1046      | -.145      | -2.33   | 2.1222 | .008    | 1        |
| S3        | 12.500       | 12.382      | -.118      | -.942   | 4.3037 | .017    | 1        |
| S4        | 25.000       | 24.612      | -.388      | -1.55   | 8.5535 | .002    | 1        |
| S5        | 50.000       | 50.650      | .650       | 1.30    | 17.602 | .049    | 1        |

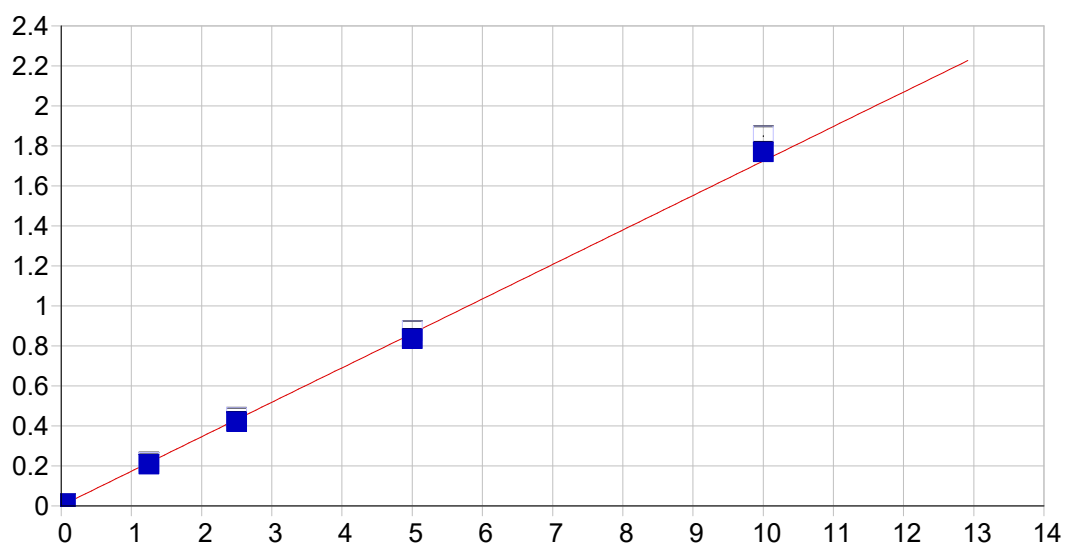


Se 196.090 {472}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000699 Re-Slope: 1.000000  
 A1 (Gain): 0.055453 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999938 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.004069  
 Predicted MQL: 0.013563

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00070 | .000    | 1        |
| S1        | .03500       | .03725      | .002       | 6.42    | .00276 | .000    | 1        |
| S2        | 1.2500       | 1.2698      | .020       | 1.59    | .07093 | .000    | 1        |
| S3        | 2.5000       | 2.5565      | .057       | 2.26    | .14210 | .001    | 1        |
| S4        | 5.0000       | 4.9497      | -.050      | -1.01   | .27444 | .000    | 1        |
| S5        | 10.000       | 9.9717      | -.028      | -.283   | .55220 | .002    | 1        |

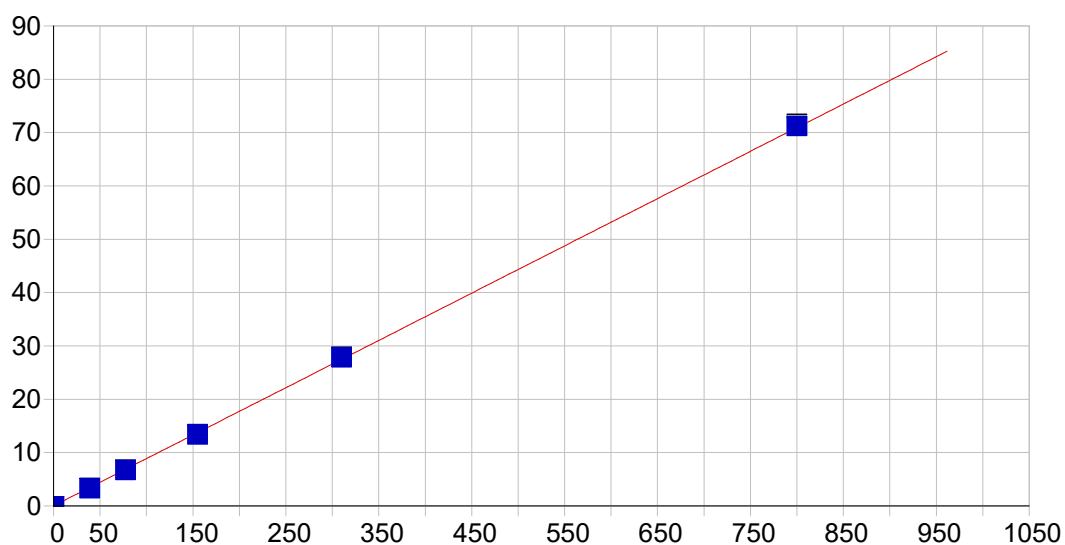


**Sb 206.833 {463}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000960 Re-Slope: 1.000000  
 A1 (Gain): 0.172341 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999633 Status: OK.  
 Std Error of Est: 0.000201  
 Predicted MDL: 0.001892  
 Predicted MQL: 0.006307

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00096 | .000    | 1        |
| S1        | .06000       | .05884      | -.001      | -1.94   | .01111 | .001    | 1        |
| S2        | 1.2500       | 1.2038      | -.046      | -3.69   | .21835 | .001    | 1        |
| S3        | 2.5000       | 2.4393      | -.061      | -2.43   | .44118 | .001    | 1        |
| S4        | 5.0000       | 4.8434      | -.157      | -3.13   | .87536 | .001    | 1        |
| S5        | 10.000       | 10.265      | .265       | 2.65    | 1.8493 | .002    | 1        |

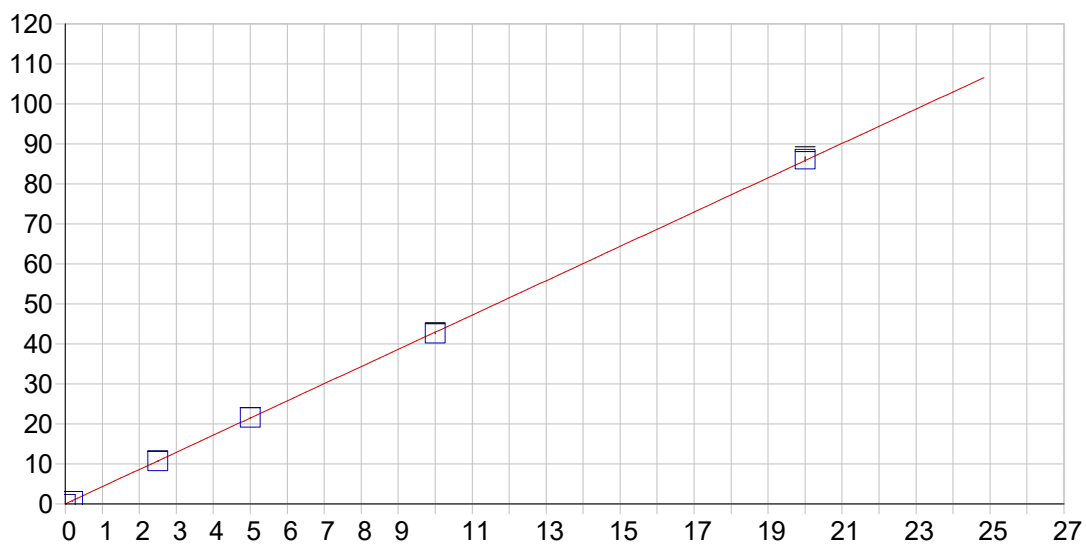


AI 396.152 { 85}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002913 Re-Slope: 1.000000  
 A1 (Gain): 0.088645 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999890 Status: OK.  
 Std Error of Est: 0.000817  
 Predicted MDL: 0.010651  
 Predicted MQL: 0.035504

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00291 | .001    | 1        |
| S1        | .20000       | .22331      | .023       | 11.7    | .02279 | .000    | 1        |
| S2        | 38.750       | 37.126      | -1.62      | -4.19   | 3.2980 | .008    | 1        |
| S3        | 77.500       | 75.495      | -2.01      | -2.59   | 6.7033 | .003    | 1        |
| S4        | 155.00       | 150.86      | -4.14      | -2.67   | 13.392 | .031    | 1        |
| S5        | 310.00       | 314.08      | 4.08       | 1.32    | 27.877 | .084    | 1        |
| S6        | 800.00       | 803.67      | 3.67       | .459    | 71.254 | .346    | 1        |

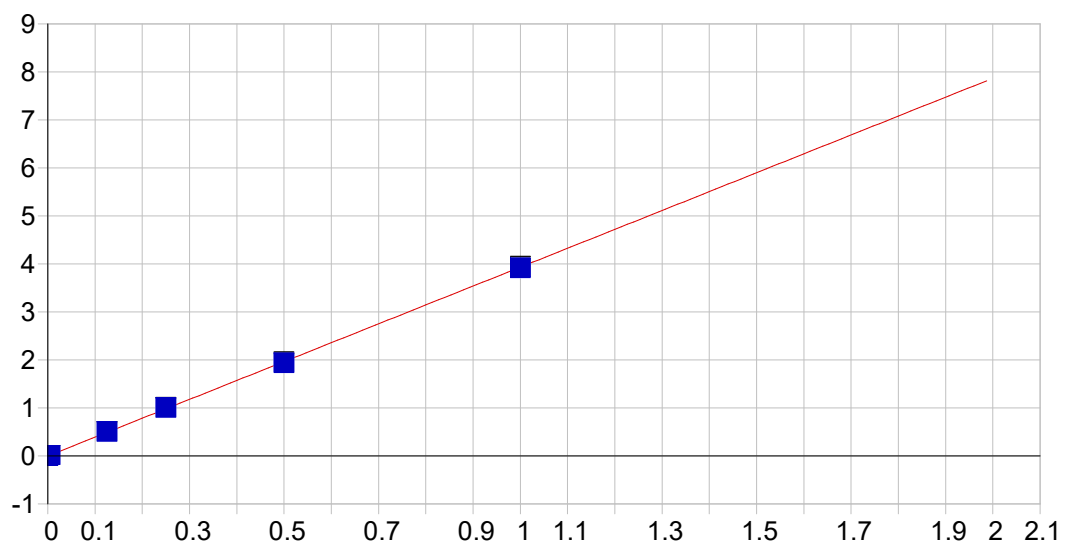


**Ba 493.409 { 68}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017136 Re-Slope: 1.000000  
 A1 (Gain): 4.290709 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999850 Status: OK.  
 Std Error of Est: 0.007897  
 Predicted MDL: 0.000681  
 Predicted MQL: 0.002272

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00005      | .000       | .000    | .01733 | .003    | 1        |
| S1        | .20000       | .15456      | -.045      | -22.7   | .68031 | .003    | 1        |
| S2        | 2.5000       | 2.4878      | -.012      | -.489   | 10.691 | .008    | 1        |
| S3        | 5.0000       | 5.0336      | .034       | .672    | 21.615 | .005    | 1        |
| S4        | 10.000       | 9.9413      | -.059      | -.587   | 42.673 | .101    | 1        |
| S5        | 20.000       | 20.083      | .083       | .414    | 86.186 | .621    | 1        |



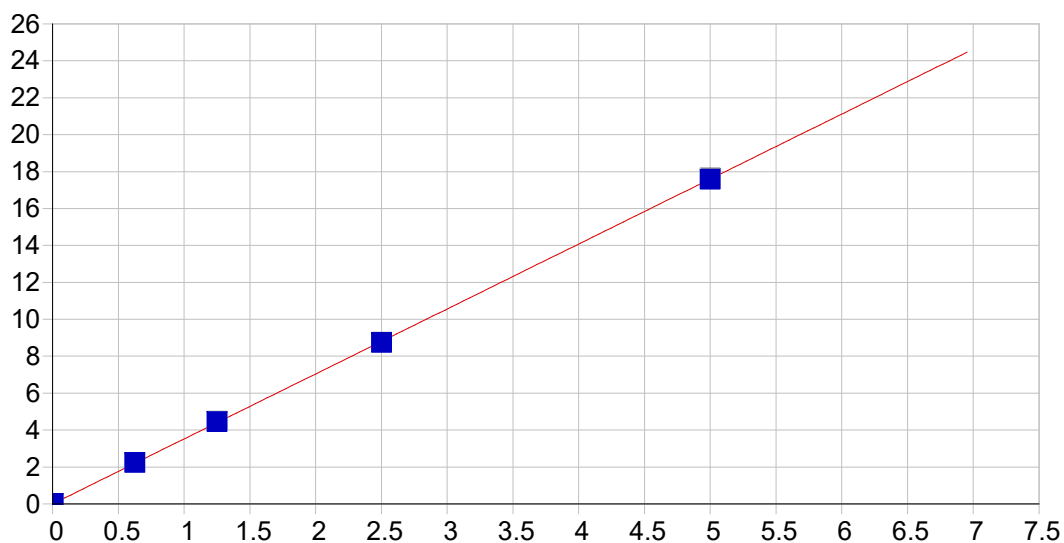
### Be 234.861 {144}

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002633 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.934895  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999903  | Status:   | OK.      |
| Std Error of Est: | 0.000205  |           |          |
| Predicted MDL:    | 0.000088  |           |          |
| Predicted MQL:    | 0.000293  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00263 | .000    | 1        |
| S1        | .00500       | .00526      | .000       | 5.15    | .01804  | .000    | 1        |
| S2        | .12500       | .12861      | .004       | 2.89    | .50179  | .004    | 1        |
| S3        | .25000       | .25617      | .006       | 2.47    | 1.0021  | .007    | 1        |
| S4        | .50000       | .49381      | -.006      | -1.24   | 1.9339  | .016    | 1        |
| S5        | 1.0000       | .99615      | -.004      | -.385   | 3.9041  | .036    | 1        |



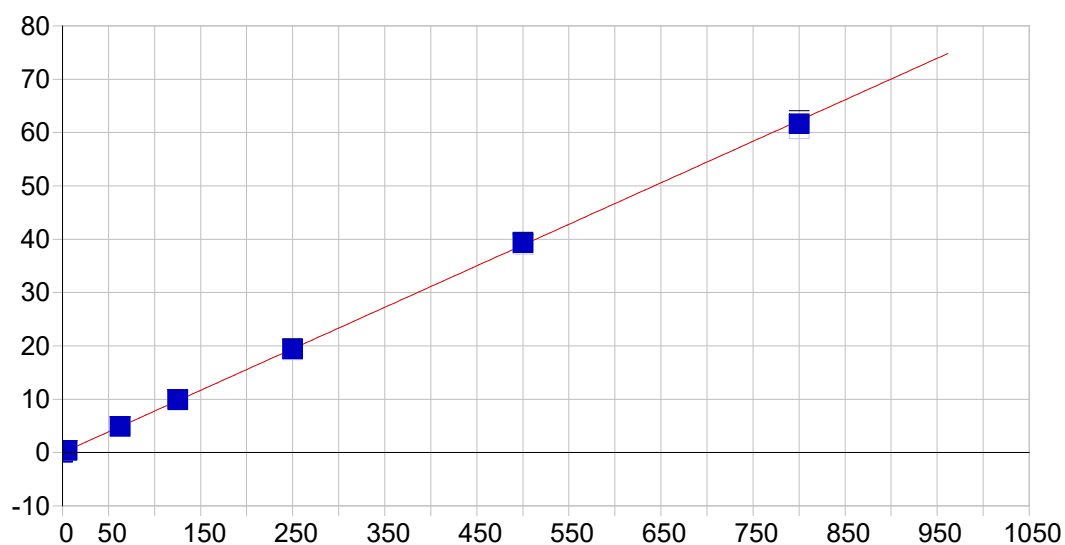


**Cd 214.438 {457}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000287 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.519534 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999974 | Status:   | OK.      |
| Std Error of Est: | 0.000214 |           |          |
| Predicted MDL:    | 0.000118 |           |          |
| Predicted MQL:    | 0.000392 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00029 | .000    | 1        |
| S1        | .00500       | .00541      | .000       | 8.30    | .01935 | .000    | 1        |
| S2        | .62500       | .63385      | .009       | 1.42    | 2.2345 | .005    | 1        |
| S3        | 1.2500       | 1.2653      | .015       | 1.23    | 4.4604 | .015    | 1        |
| S4        | 2.5000       | 2.4814      | -.019      | -.742   | 8.7473 | .006    | 1        |
| S5        | 5.0000       | 4.9940      | -.006      | -.120   | 17.604 | .044    | 1        |

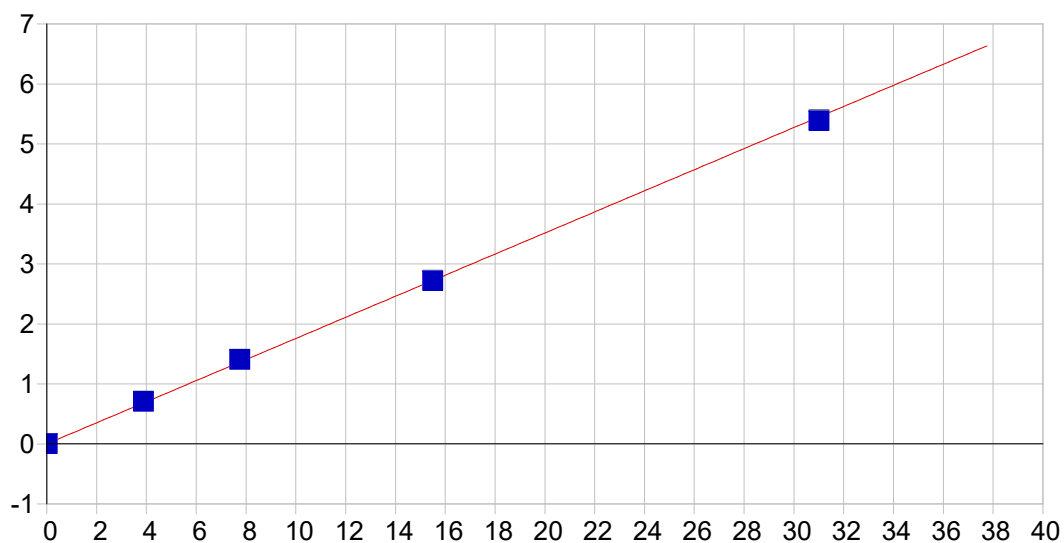


Ca 373.690 { 90}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000990 Re-Slope: 1.000000  
 A1 (Gain): 0.077816 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999944 Status: OK.  
 Std Error of Est: 0.002842  
 Predicted MDL: 0.011667  
 Predicted MQL: 0.038891

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00033     | -.000      | .000    | .00096 | .001    | 1        |
| S1        | 5.0000       | 5.2183      | .218       | 4.37    | .40695 | .002    | 1        |
| S2        | 62.500       | 62.892      | .392       | .627    | 4.8515 | .008    | 1        |
| S3        | 125.00       | 127.14      | 2.14       | 1.71    | 9.8072 | .018    | 1        |
| S4        | 250.00       | 249.54      | -.465      | -.186   | 19.245 | .052    | 1        |
| S5        | 500.00       | 505.60      | 5.60       | 1.12    | 38.997 | .070    | 1        |
| S6        | 800.00       | 792.07      | -7.93      | -.991   | 60.709 | .627    | 1        |

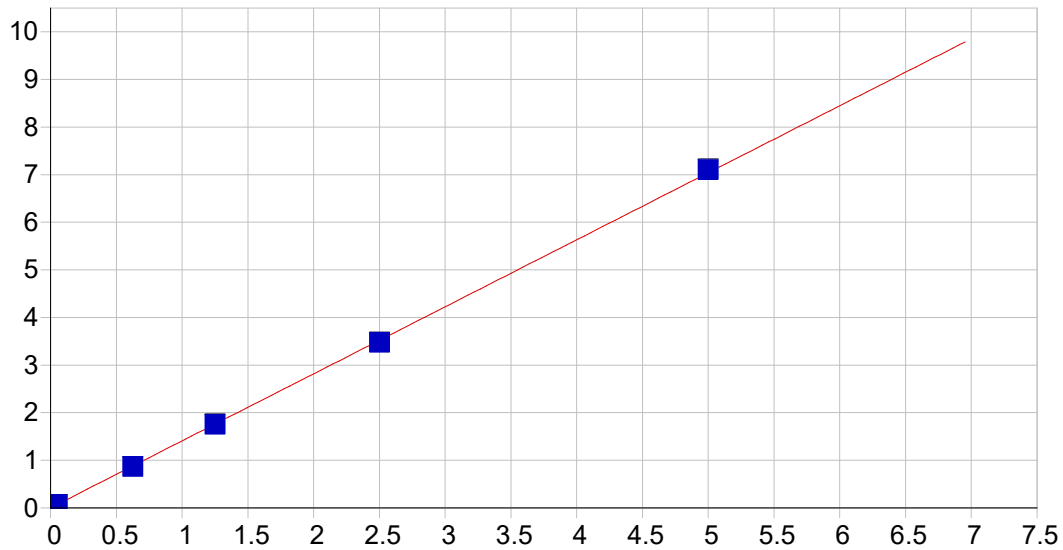


### Cr 267.716 {126}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000  
 A1 (Gain): 0.175764 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999845 Status: OK.  
 Std Error of Est: 0.000092  
 Predicted MDL: 0.000630  
 Predicted MQL: 0.002100

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00002 | .000    | 1        |
| S1        | .01000       | .01155      | .002       | 15.5    | .00201  | .000    | 1        |
| S2        | 3.8750       | 4.0300      | .155       | 4.00    | .70915  | .000    | 1        |
| S3        | 7.7500       | 7.9881      | .238       | 3.07    | 1.4057  | .002    | 1        |
| S4        | 15.500       | 15.471      | -.029      | -.188   | 2.7226  | .003    | 1        |
| S5        | 31.000       | 30.634      | -.366      | -1.18   | 5.3912  | .006    | 1        |

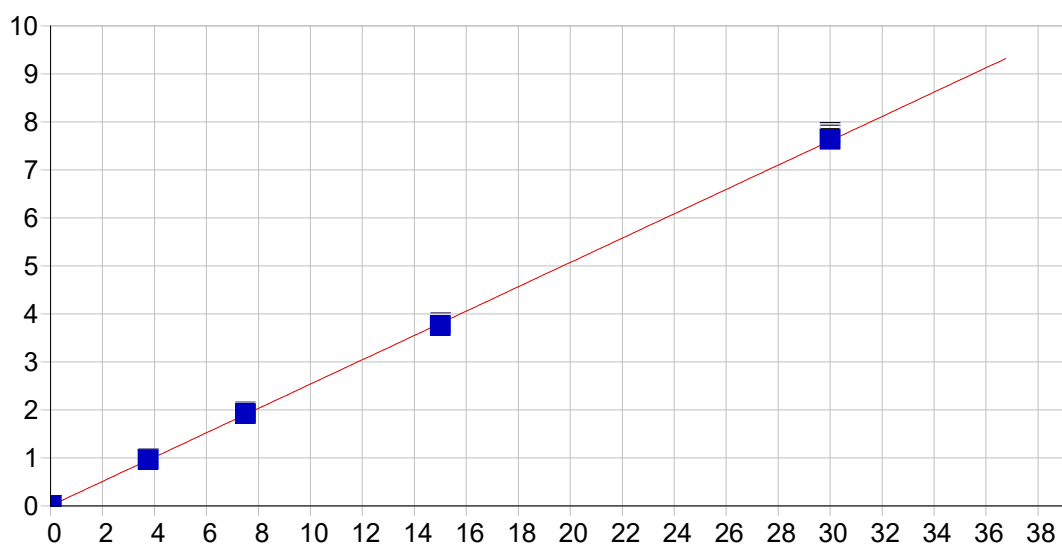


**Co 228.616 {448}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000678 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.407958 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999945 | Status:   | OK.      |
| Std Error of Est: | 0.000395 |           |          |
| Predicted MDL:    | 0.000325 |           |          |
| Predicted MQL:    | 0.001084 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00068 | .000    | 1        |
| S1        | .05000       | .05011      | .000       | .220    | .07148 | .000    | 1        |
| S2        | .62500       | .61466      | -.010      | -1.65   | .86750 | .002    | 1        |
| S3        | 1.2500       | 1.2456      | -.004      | -.353   | 1.7572 | .006    | 1        |
| S4        | 2.5000       | 2.4676      | -.032      | -1.30   | 3.4806 | .002    | 1        |
| S5        | 5.0000       | 5.0470      | .047       | .940    | 7.1179 | .008    | 1        |

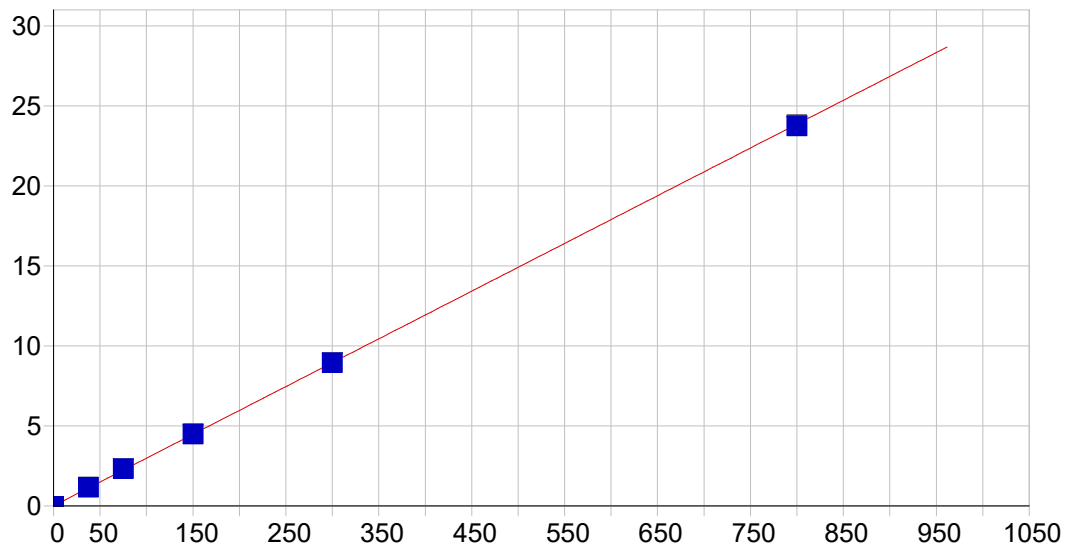


**Cu 324.754 {104}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003106 Re-Slope: 1.000000  
 A1 (Gain): 0.253436 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.000107  
 Predicted MDL: 0.002373  
 Predicted MQL: 0.007909

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00311 | .001    | 1        |
| S1        | .02500       | .02081      | -.004      | -16.7   | .00965 | .001    | 1        |
| S2        | 3.7500       | 3.7835      | .033       | .893    | .97722 | .002    | 1        |
| S3        | 7.5000       | 7.5760      | .076       | 1.01    | 1.9536 | .001    | 1        |
| S4        | 15.000       | 14.799      | -.201      | -1.34   | 3.8148 | .002    | 1        |
| S5        | 30.000       | 30.096      | .096       | .320    | 7.7524 | .024    | 1        |

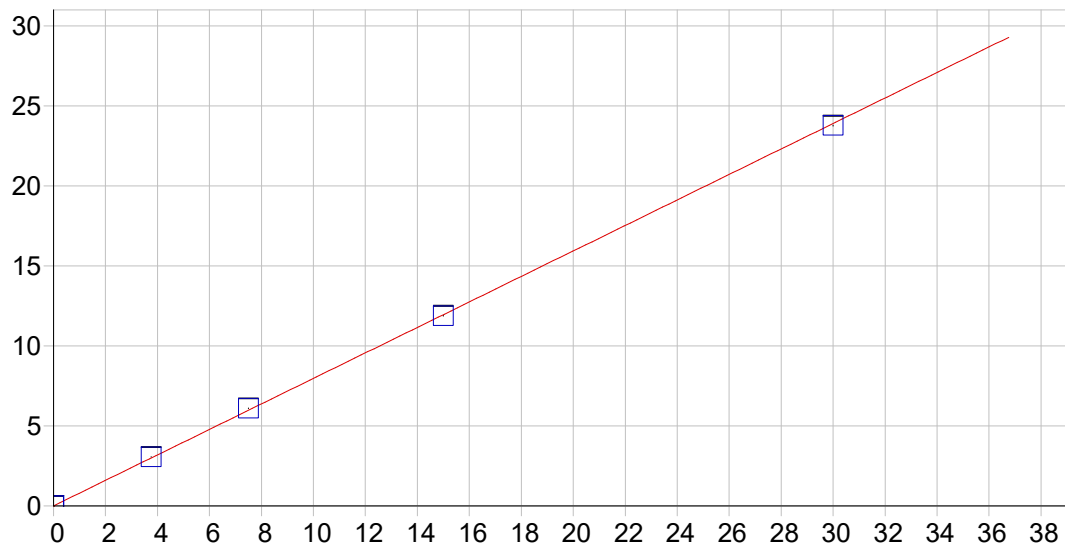


### Fe 259.837 {130}

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002355 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.029823 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999941 | Status:   | OK.      |
| Std Error of Est: | 0.000142 |           |          |
| Predicted MDL:    | 0.008815 |           |          |
| Predicted MQL:    | 0.029382 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00235 | .000    | 1        |
| S1        | .10000       | .09813      | -.002      | -1.87   | .00529 | .000    | 1        |
| S2        | 37.500       | 38.958      | 1.46       | 3.89    | 1.1650 | .001    | 1        |
| S3        | 75.000       | 77.484      | 2.48       | 3.31    | 2.3148 | .002    | 1        |
| S4        | 150.00       | 150.41      | .408       | .272    | 4.4913 | .011    | 1        |
| S5        | 300.00       | 299.77      | -.230      | -.077   | 8.9490 | .020    | 1        |
| S6        | 800.00       | 795.88      | -4.12      | -.515   | 23.749 | .055    | 1        |

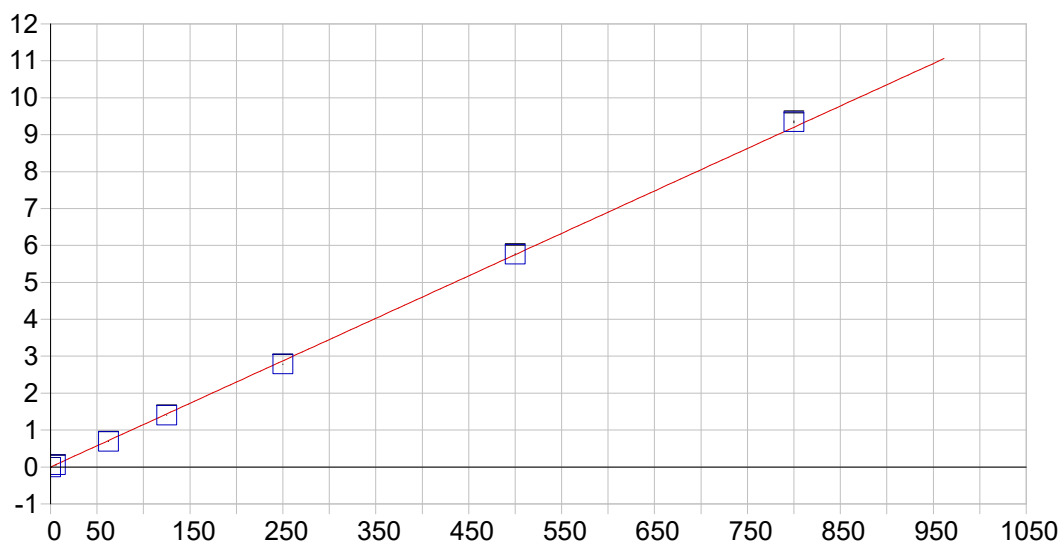


### Mn 257.610 {131}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001733 Re-Slope: 1.000000  
 A1 (Gain): 0.796714 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999937 Status: OK.  
 Std Error of Est: 0.000317  
 Predicted MDL: 0.000383  
 Predicted MQL: 0.001276

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00173 | .000    | 1        |
| S1        | .01500       | .01653      | .002       | 10.2    | .01490 | .000    | 1        |
| S2        | 3.7500       | 3.8397      | .090       | 2.39    | 3.0609 | .013    | 1        |
| S3        | 7.5000       | 7.6589      | .159       | 2.12    | 6.1037 | .015    | 1        |
| S4        | 15.000       | 14.917      | -.083      | -.556   | 11.886 | .027    | 1        |
| S5        | 30.000       | 29.833      | -.167      | -.556   | 23.770 | .037    | 1        |



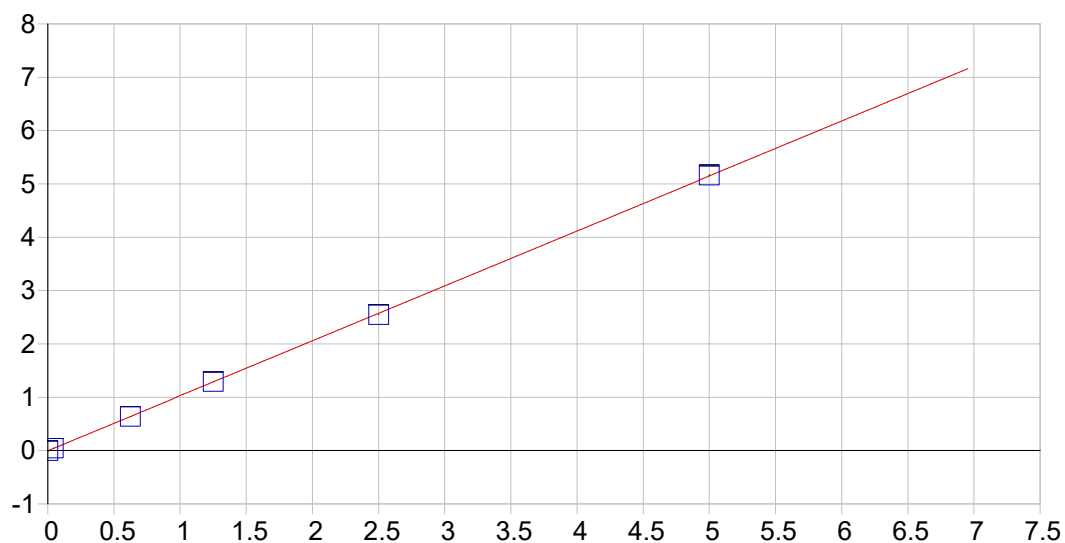
**Mg 279.079 {121}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000587 Re-Slope: 1.000000  
 A1 (Gain): 0.011503 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999823 Status: OK.  
 Std Error of Est: 0.000755  
 Predicted MDL: 0.027438  
 Predicted MQL: 0.091459

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00031      | .000       | .000    | -.00058 | .000    | 1        |
| S1        | 5.0000       | 5.0662      | .066       | 1.32    | .05769  | .001    | 1        |
| S2        | 62.500       | 60.230      | -2.27      | -3.63   | .69226  | .002    | 1        |
| S3        | 125.00       | 121.88      | -3.12      | -2.50   | 1.4014  | .004    | 1        |
| S4        | 250.00       | 242.05      | -7.95      | -3.18   | 2.7838  | .006    | 1        |
| S5        | 500.00       | 500.56      | .564       | .113    | 5.7576  | .017    | 1        |
| S6        | 800.00       | 812.71      | 12.7       | 1.59    | 9.3483  | .022    | 1        |



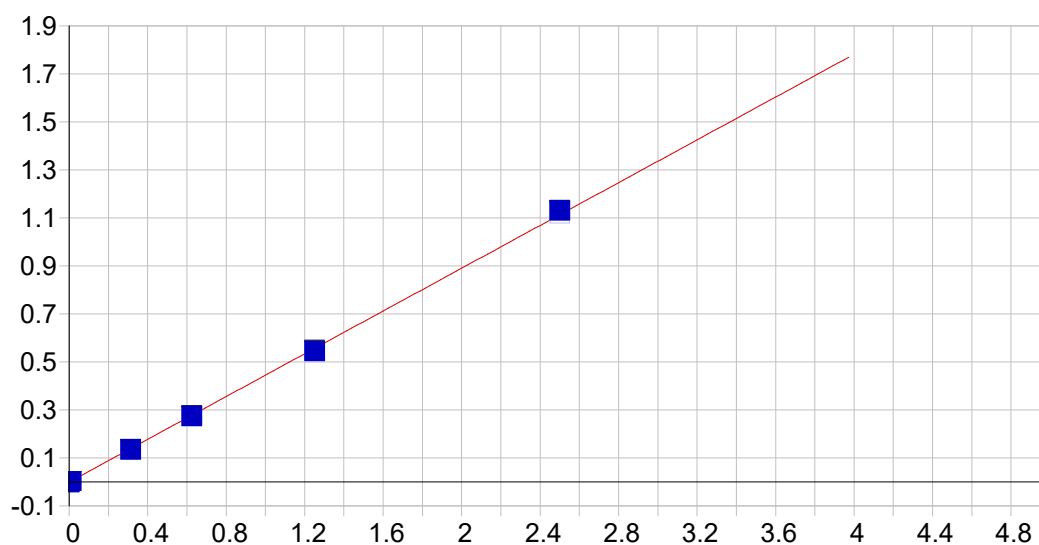


### Ni 231.604 {446}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002484 Re-Slope: 1.000000  
 A1 (Gain): 1.030088 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000196  
 Predicted MDL: 0.000511  
 Predicted MQL: 0.001705

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00249 | .000    | 1        |
| S1        | .04000       | .04357      | .004       | 8.92    | .04240  | .001    | 1        |
| S2        | .62500       | .62426      | -.001      | -.118   | .64056  | .000    | 1        |
| S3        | 1.2500       | 1.2557      | .006       | .458    | 1.2910  | .004    | 1        |
| S4        | 2.5000       | 2.4769      | -.023      | -.925   | 2.5489  | .003    | 1        |
| S5        | 5.0000       | 5.0146      | .015       | .291    | 5.1630  | .012    | 1        |

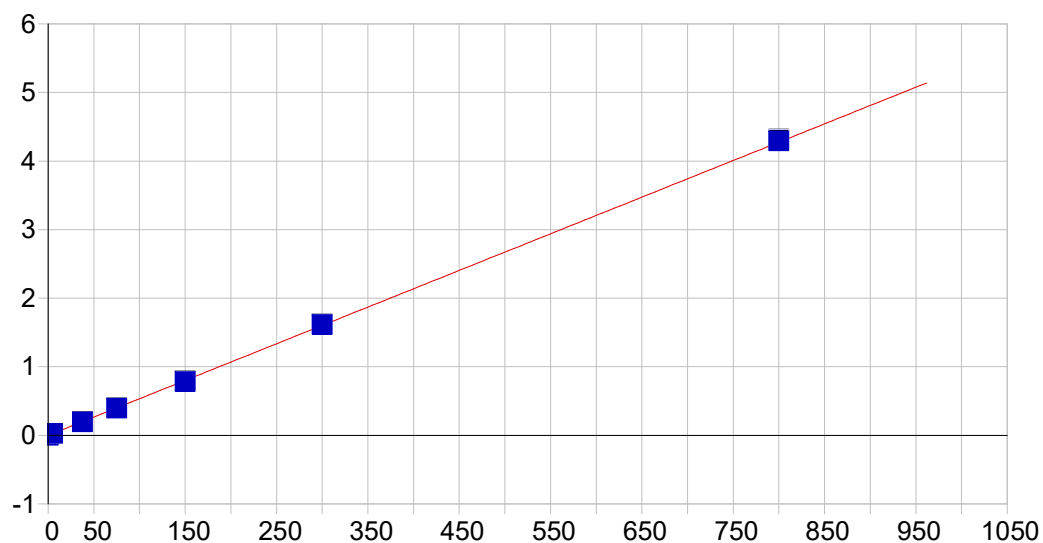


**Ag 328.068 {103}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000935 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.445653  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999856  | Status:   | OK.      |
| Std Error of Est: | 0.000063  |           |          |
| Predicted MDL:    | 0.000472  |           |          |
| Predicted MQL:    | 0.001572  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00094 | .000    | 1        |
| S1        | .01000       | .00998      | -.000      | -.167   | .00348  | .000    | 1        |
| S2        | .31250       | .30441      | -.008      | -2.59   | .13333  | .001    | 1        |
| S3        | .62500       | .61725      | -.008      | -1.24   | .27136  | .002    | 1        |
| S4        | 1.2500       | 1.2271      | -.023      | -1.83   | .54037  | .003    | 1        |
| S5        | 2.5000       | 2.5387      | .039       | 1.55    | 1.1193  | .002    | 1        |

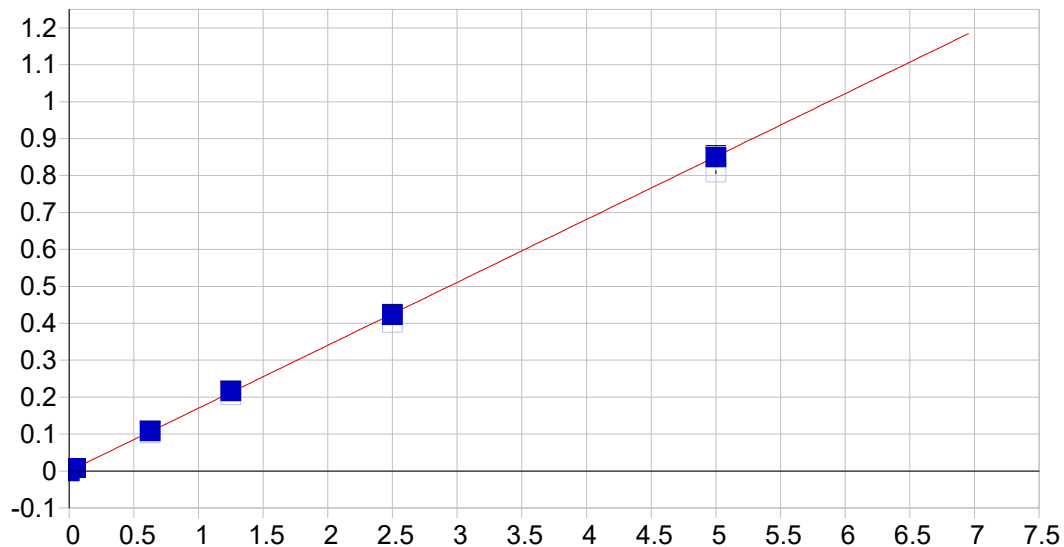


**Na 818.326 { 41}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000410 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.005345  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999936  | Status:   | OK.      |
| Std Error of Est: | 0.000188  |           |          |
| Predicted MDL:    | 0.300905  |           |          |
| Predicted MQL:    | 1.003015  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00041 | .000    | 1        |
| S1        | 5.0000       | 5.2785      | .279       | 5.57    | .02780  | .001    | 1        |
| S2        | 37.500       | 36.291      | -1.21      | -3.22   | .19444  | .001    | 1        |
| S3        | 75.000       | 73.703      | -1.30      | -1.73   | .39528  | .002    | 1        |
| S4        | 150.00       | 146.72      | -3.28      | -2.19   | .78728  | .003    | 1        |
| S5        | 300.00       | 301.95      | 1.95       | .651    | 1.6205  | .004    | 1        |
| S6        | 800.00       | 803.56      | 3.56       | .445    | 4.3133  | .009    | 1        |

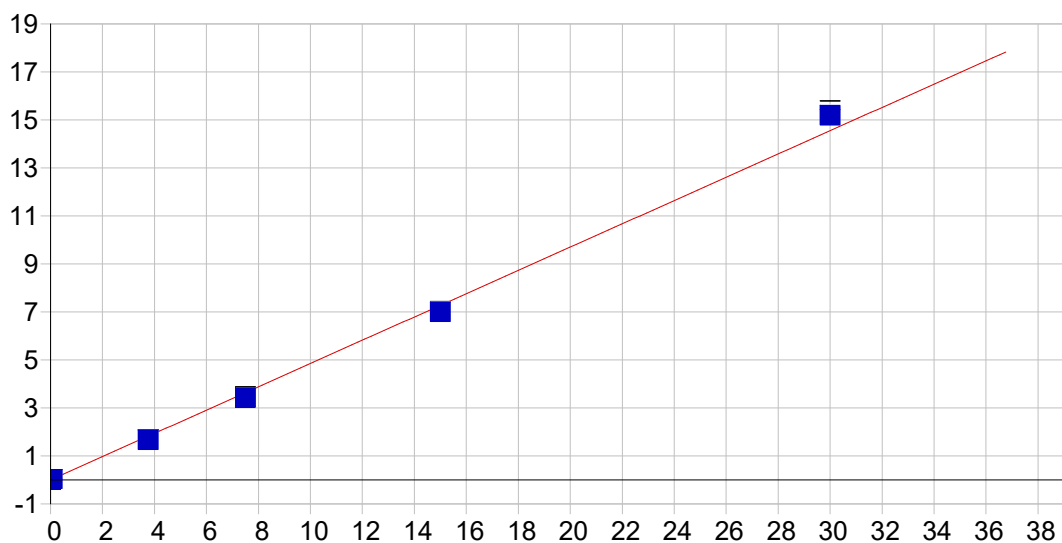


**V 292.402 {115}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000161 Re-Slope: 1.000000  
 A1 (Gain): 0.170313 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.002569  
 Predicted MQL: 0.008564

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .05000       | .05071      | .001       | 1.43    | .00846  | .000    | 1        |
| S2        | .62500       | .63337      | .008       | 1.34    | .10261  | .000    | 1        |
| S3        | 1.2500       | 1.2685      | .018       | 1.48    | .20567  | .000    | 1        |
| S4        | 2.5000       | 2.4815      | -.019      | -.741   | .40206  | .002    | 1        |
| S5        | 5.0000       | 4.9909      | -.009      | -.181   | .80904  | .004    | 1        |

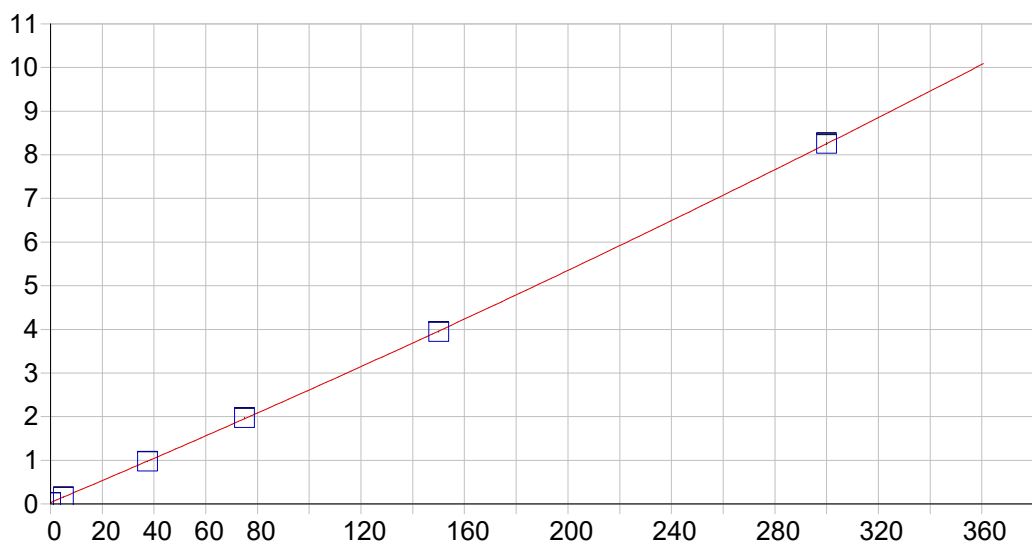


### Zn 213.856 {158}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000127 Re-Slope: 1.000000  
 A1 (Gain): 0.485010 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998831 Status: OK.  
 Std Error of Est: 0.001673  
 Predicted MDL: 0.001944  
 Predicted MQL: 0.006482

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00013 | .001    | 1        |
| S1        | .06000       | .06897      | .009       | 15.0    | .03366 | .001    | 1        |
| S2        | 3.7500       | 3.4385      | -.311      | -8.31   | 1.6708 | .006    | 1        |
| S3        | 7.5000       | 7.0601      | -.440      | -5.87   | 3.4303 | .036    | 1        |
| S4        | 15.000       | 14.428      | -.572      | -3.81   | 7.0099 | .017    | 1        |
| S5        | 30.000       | 31.314      | 1.31       | 4.38    | 15.212 | .179    | 1        |

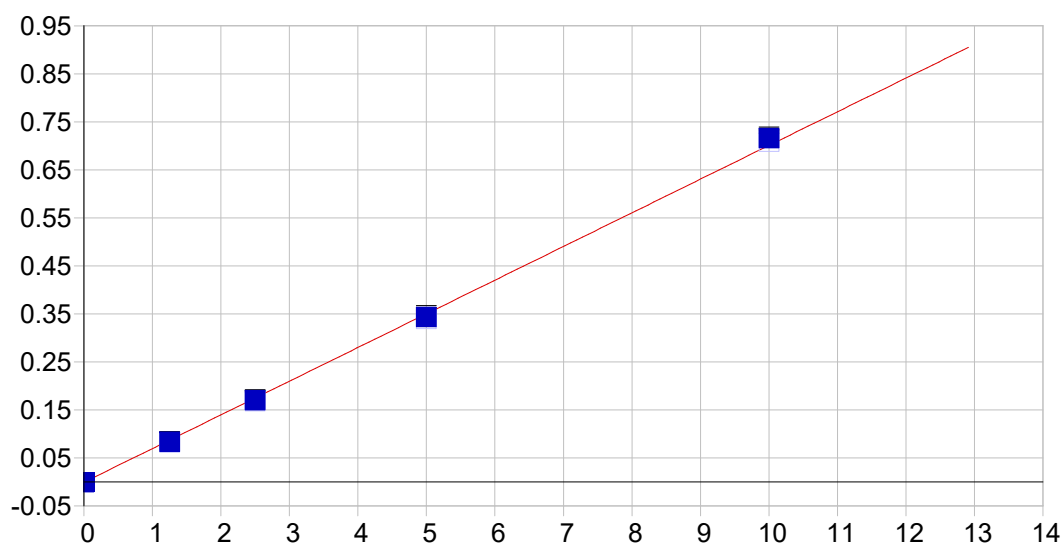


K 769.896 { 44}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.032495 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.024985 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000008 |           |                            |
| n (Exponent):     | 1.000000 |           |                            |
| Correlation:      | 0.999989 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000293 |           |                            |
| Predicted MDL:    | 0.065752 |           |                            |
| Predicted MQL:    | 0.219173 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .03250 | .002    | 1        |
| S1        | 5.0000       | 4.9656      | -.034      | -.688   | .15676 | .001    | 1        |
| S2        | 37.500       | 37.207      | -.293      | -.782   | .97324 | .002    | 1        |
| S3        | 75.000       | 75.764      | .764       | 1.02    | 1.9717 | .006    | 1        |
| S4        | 150.00       | 149.44      | -.555      | -.370   | 3.9463 | .008    | 1        |
| S5        | 300.00       | 300.12      | .119       | .040    | 8.2566 | .022    | 1        |

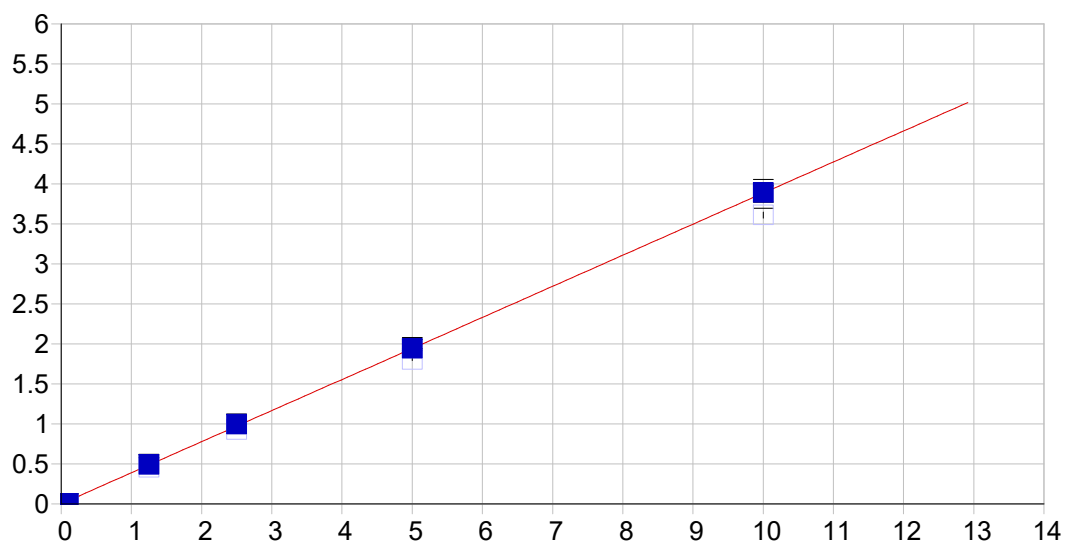


**P 177.495 {490}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000693 Re-Slope: 1.000000  
 A1 (Gain): 0.070161 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999705 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.003100  
 Predicted MQL: 0.010334

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00069 | .000    | 1        |
| S1        | .01000       | .00918      | -.001      | -8.22   | -.00005 | .000    | 1        |
| S2        | 1.2500       | 1.1950      | -.055      | -4.40   | .08217  | .001    | 1        |
| S3        | 2.5000       | 2.4345      | -.066      | -2.62   | .16815  | .001    | 1        |
| S4        | 5.0000       | 4.9032      | -.097      | -1.94   | .33939  | .003    | 1        |
| S5        | 10.000       | 10.218      | .218       | 2.18    | .70837  | .003    | 1        |



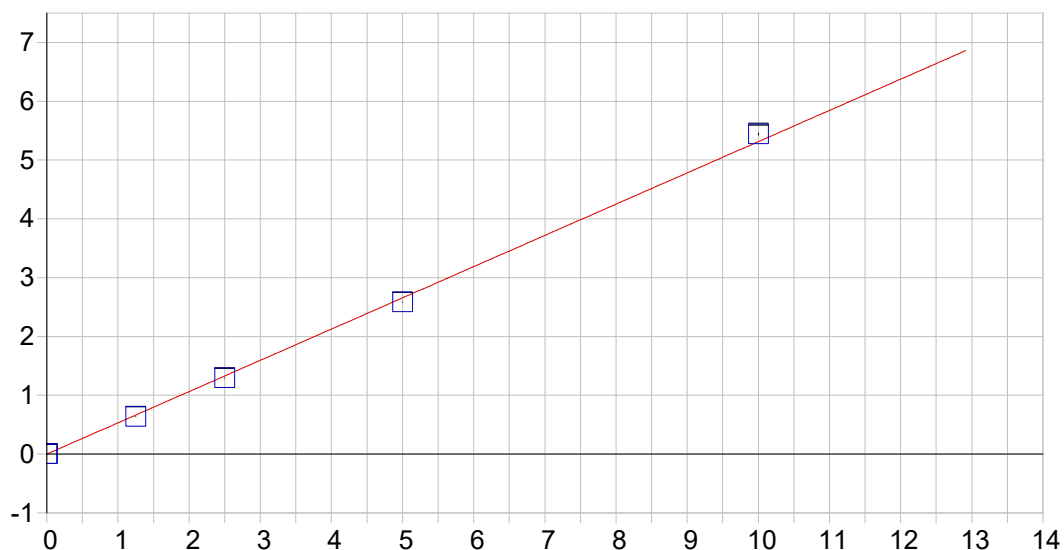
**B 249.678 {135}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000817 Re-Slope: 1.000000  
 A1 (Gain): 0.388445 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997477 Status: OK.  
 Std Error of Est: 0.001363  
 Predicted MDL: 0.001124  
 Predicted MQL: 0.003747

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | .00085 | .000    | 1        |
| S1        | .10000       | .01038      | -.090      | -89.6   | .00477 | .000    | 1        |
| S2        | 1.2500       | 1.2628      | .013       | 1.03    | .45611 | .004    | 1        |
| S3        | 2.5000       | 2.5636      | .064       | 2.55    | .92616 | .005    | 1        |
| S4        | 5.0000       | 5.0020      | .002       | .039    | 1.8028 | .012    | 1        |
| S5        | 10.000       | 10.018      | .018       | .180    | 3.6104 | .038    | 1        |



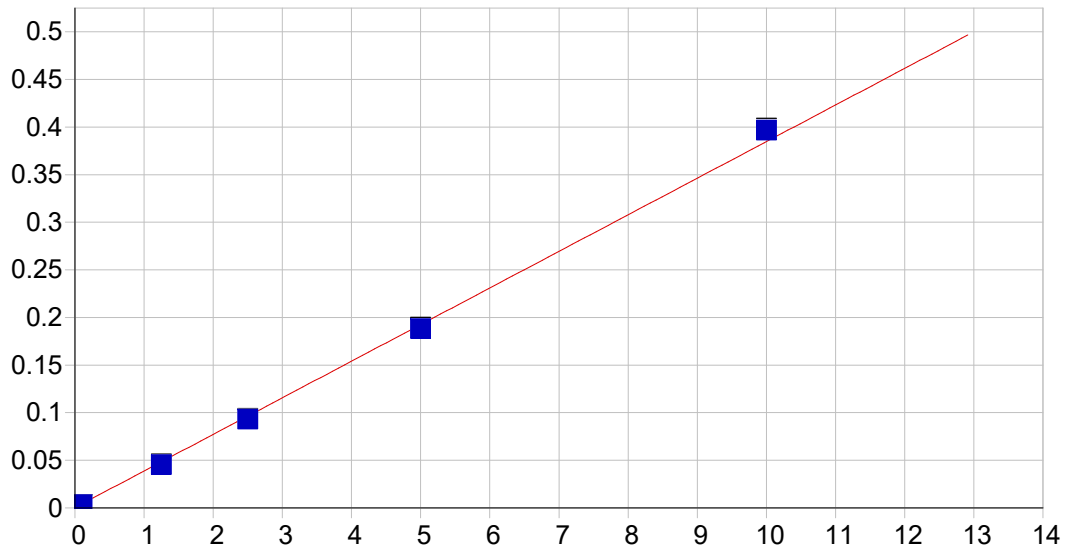


# **Mo 202.030 {467}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000250 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.531298 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999656 | Status:   | OK.      |
| Std Error of Est: | 0.000234 |           |          |
| Predicted MDL:    | 0.000476 |           |          |
| Predicted MQL:    | 0.001587 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00025 | .000    | 1        |
| S1        | .01000       | .01058      | .001       | 5.81    | .00587 | .000    | 1        |
| S2        | 1.2500       | 1.2050      | -.045      | -3.60   | .64046 | .001    | 1        |
| S3        | 2.5000       | 2.4371      | -.063      | -2.51   | 1.2951 | .003    | 1        |
| S4        | 5.0000       | 4.8633      | -.137      | -2.73   | 2.5841 | .003    | 1        |
| S5        | 10.000       | 10.244      | .244       | 2.44    | 5.4429 | .016    | 1        |

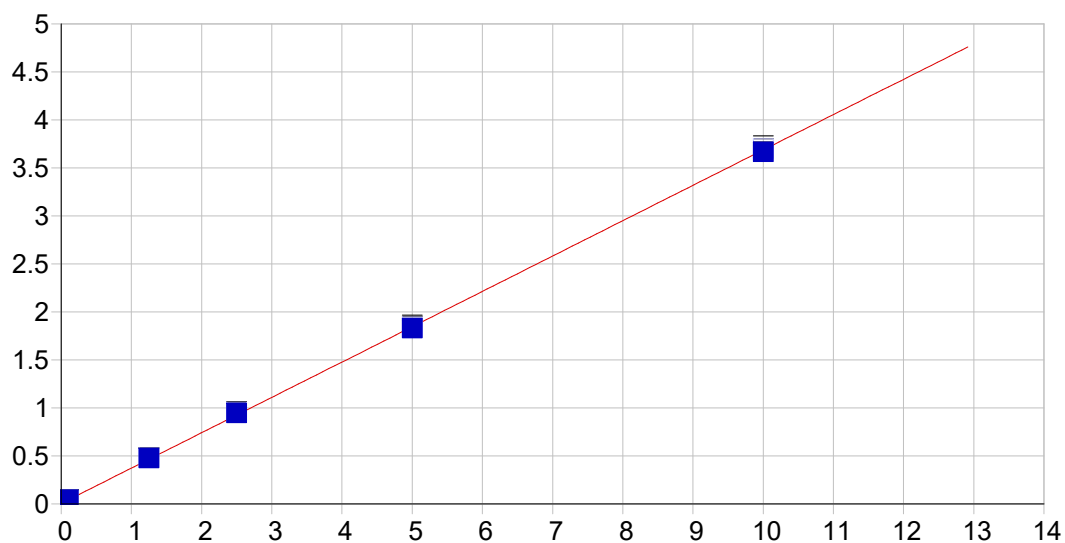


**S 182.034 {485}**

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000377 Re-Slope: 1.000000  
 A1 (Gain): 0.038435 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999335 Status: OK.  
 Std Error of Est: 0.000075  
 Predicted MDL: 0.005676  
 Predicted MQL: 0.018920

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00038 | .000    | 1        |
| S1        | .10000       | .07745      | -.023      | -22.6   | .00335 | .000    | 1        |
| S2        | 1.2500       | 1.1718      | -.078      | -6.25   | .04552 | .001    | 1        |
| S3        | 2.5000       | 2.4118      | -.088      | -3.53   | .09328 | .001    | 1        |
| S4        | 5.0000       | 4.8830      | -.117      | -2.34   | .18846 | .001    | 1        |
| S5        | 10.000       | 10.306      | .306       | 3.06    | .39730 | .002    | 1        |

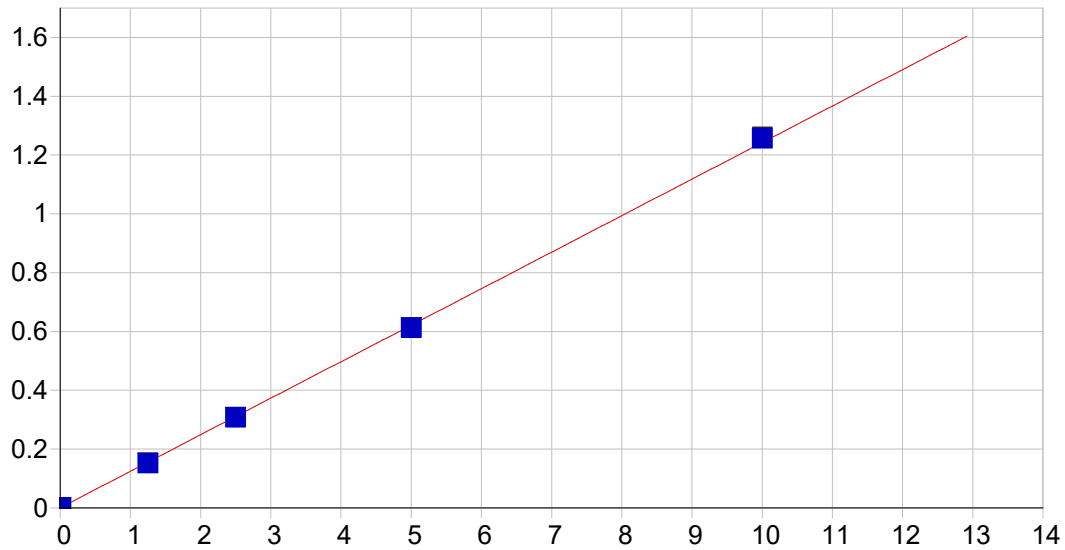


# Si 251.611 {134}

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.004932 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.368148 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999908 | Status:   | OK.      |
| Std Error of Est: | 0.000268 |           |          |
| Predicted MDL:    | 0.001241 |           |          |
| Predicted MQL:    | 0.004137 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00493 | .000    | 1        |
| S1        | .10000       | .10641      | .006       | 6.41    | .04424 | .000    | 1        |
| S2        | 1.2500       | 1.2825      | .032       | 2.60    | .48113 | .002    | 1        |
| S3        | 2.5000       | 2.5623      | .062       | 2.49    | .95639 | .007    | 1        |
| S4        | 5.0000       | 4.9536      | -.046      | -.927   | 1.8449 | .018    | 1        |
| S5        | 10.000       | 9.9452      | -.055      | -.548   | 3.6988 | .033    | 1        |

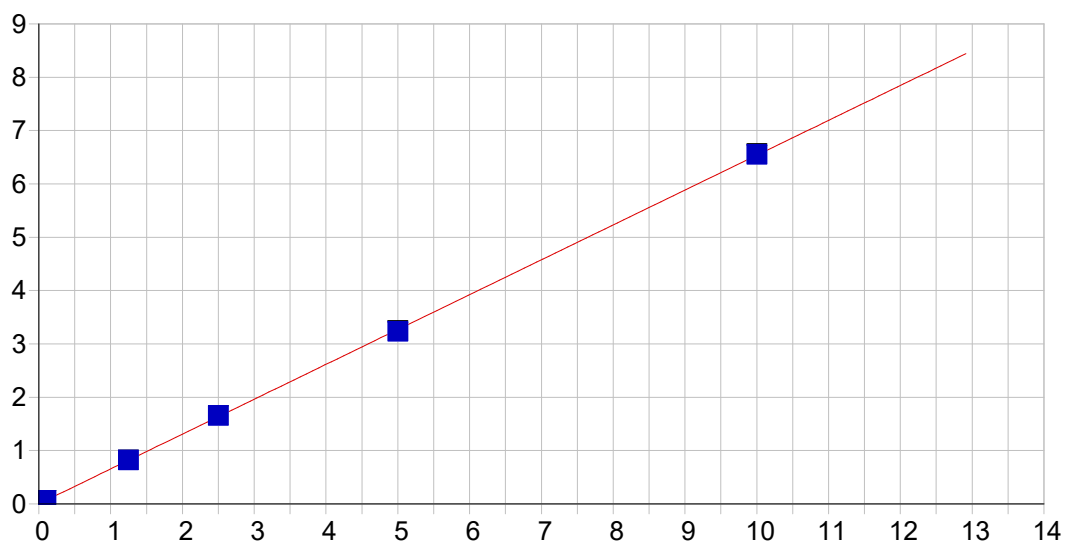


**Sn 189.989 {478}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000397 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.124199 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999914 | Status:   | OK.      |
| Std Error of Est: | 0.000023 |           |          |
| Predicted MDL:    | 0.001717 |           |          |
| Predicted MQL:    | 0.005722 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00040 | .000    | 1        |
| S1        | .00700       | .00645      | -.001      | -7.80   | .00117 | .000    | 1        |
| S2        | 1.2500       | 1.2209      | -.029      | -2.33   | .15171 | .001    | 1        |
| S3        | 2.5000       | 2.4761      | -.024      | -.955   | .30728 | .000    | 1        |
| S4        | 5.0000       | 4.9345      | -.065      | -1.31   | .61197 | .001    | 1        |
| S5        | 10.000       | 10.119      | .119       | 1.19    | 1.2546 | .004    | 1        |

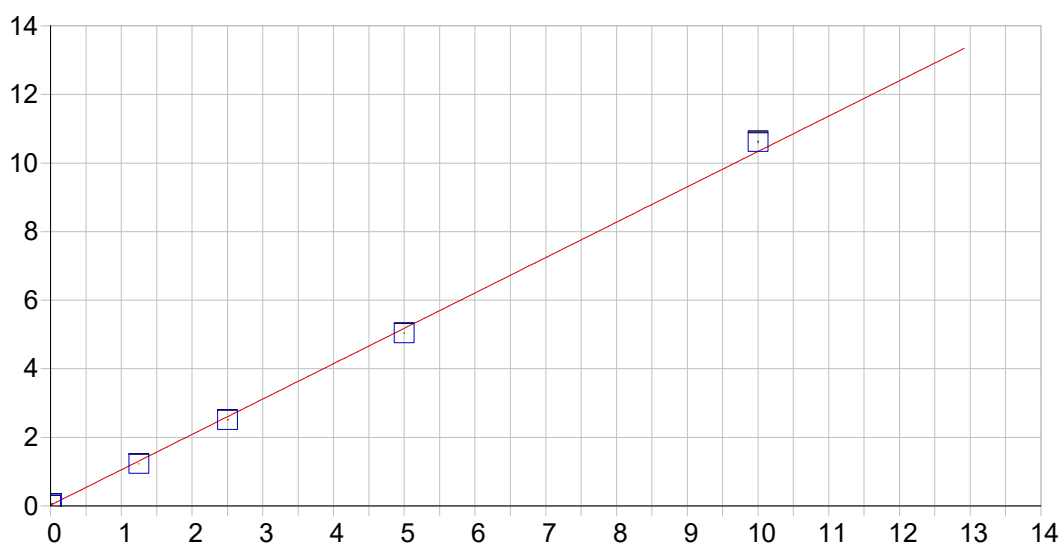


**Ti 336.121 {100}**

Date of Fit: 10/07/2020 15:36:36      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001218 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.653684 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999972 | Status:   | OK.      |
| Std Error of Est: | 0.000260 |           |          |
| Predicted MDL:    | 0.001027 |           |          |
| Predicted MQL:    | 0.003423 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00122 | .000    | 1        |
| S1        | .10000       | .10293      | .003       | 2.93    | .06848 | .001    | 1        |
| S2        | 1.2500       | 1.2533      | .003       | .263    | .82019 | .002    | 1        |
| S3        | 2.5000       | 2.5275      | .028       | 1.10    | 1.6529 | .004    | 1        |
| S4        | 5.0000       | 4.9448      | -.055      | -1.10   | 3.2325 | .013    | 1        |
| S5        | 10.000       | 10.021      | .021       | .214    | 6.5498 | .015    | 1        |

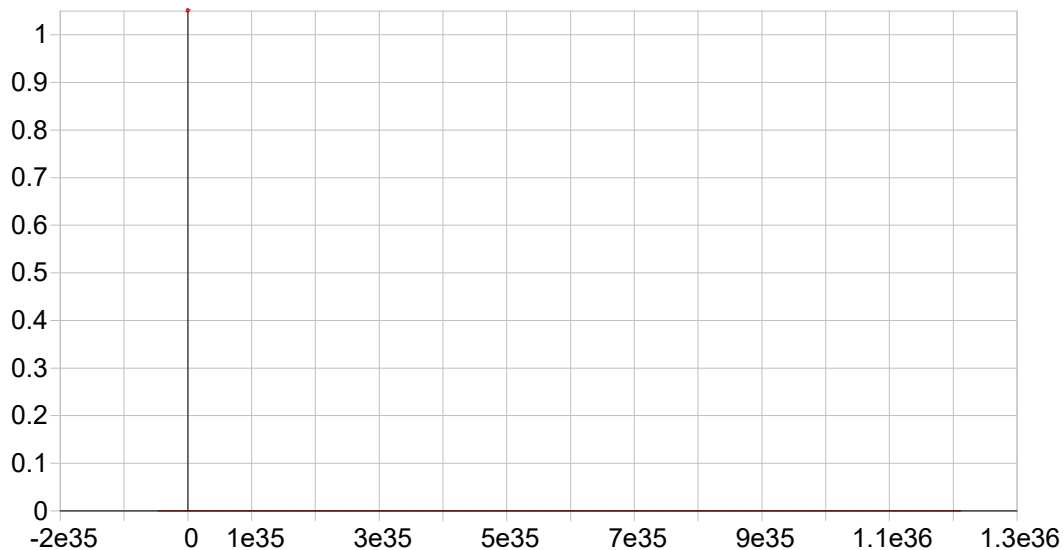


Li 670.784 { 50}

Date of Fit: 10/07/2020 15:36:36 Type of Fit: Linear Weighting: 1/Conc

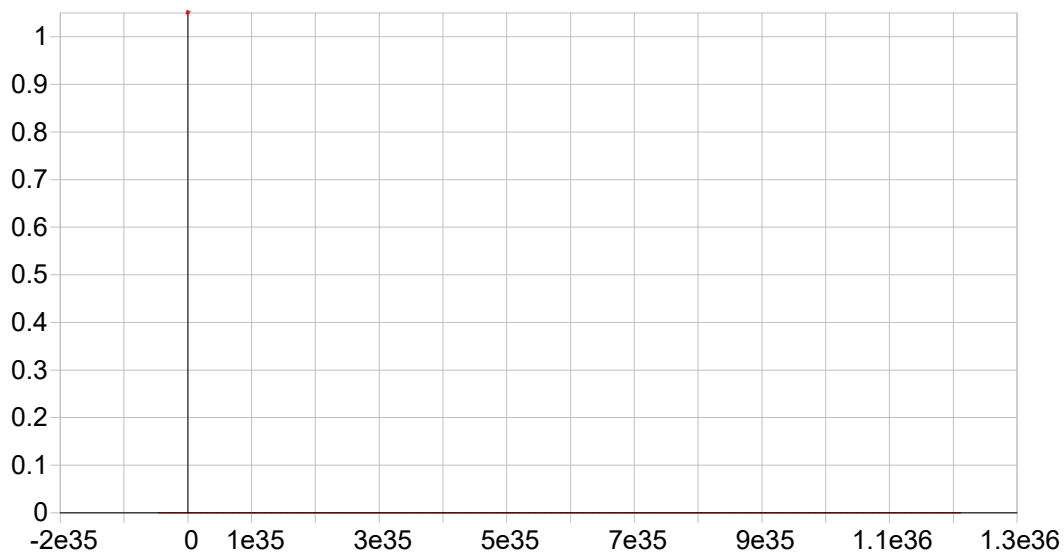
A0 (Offset): 0.022084 Re-Slope: 1.000000  
 A1 (Gain): 1.031555 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997852 Status: OK.  
 Std Error of Est: 0.001391  
 Predicted MDL: 0.001648  
 Predicted MQL: 0.005495

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .02205 | .001    | 1        |
| S5        | 10.000       | 10.272      | .272       | 2.72    | 10.618 | .029    | 1        |
| S4        | 5.0000       | 4.8658      | -.134      | -2.68   | 5.0414 | .007    | 1        |
| S3        | 2.5000       | 2.4118      | -.088      | -3.53   | 2.5100 | .004    | 1        |
| S2        | 1.2500       | 1.1699      | -.080      | -6.41   | 1.2289 | .005    | 1        |
| S1        | .01500       | .04538      | .030       | 203.    | .06890 | .000    | 1        |



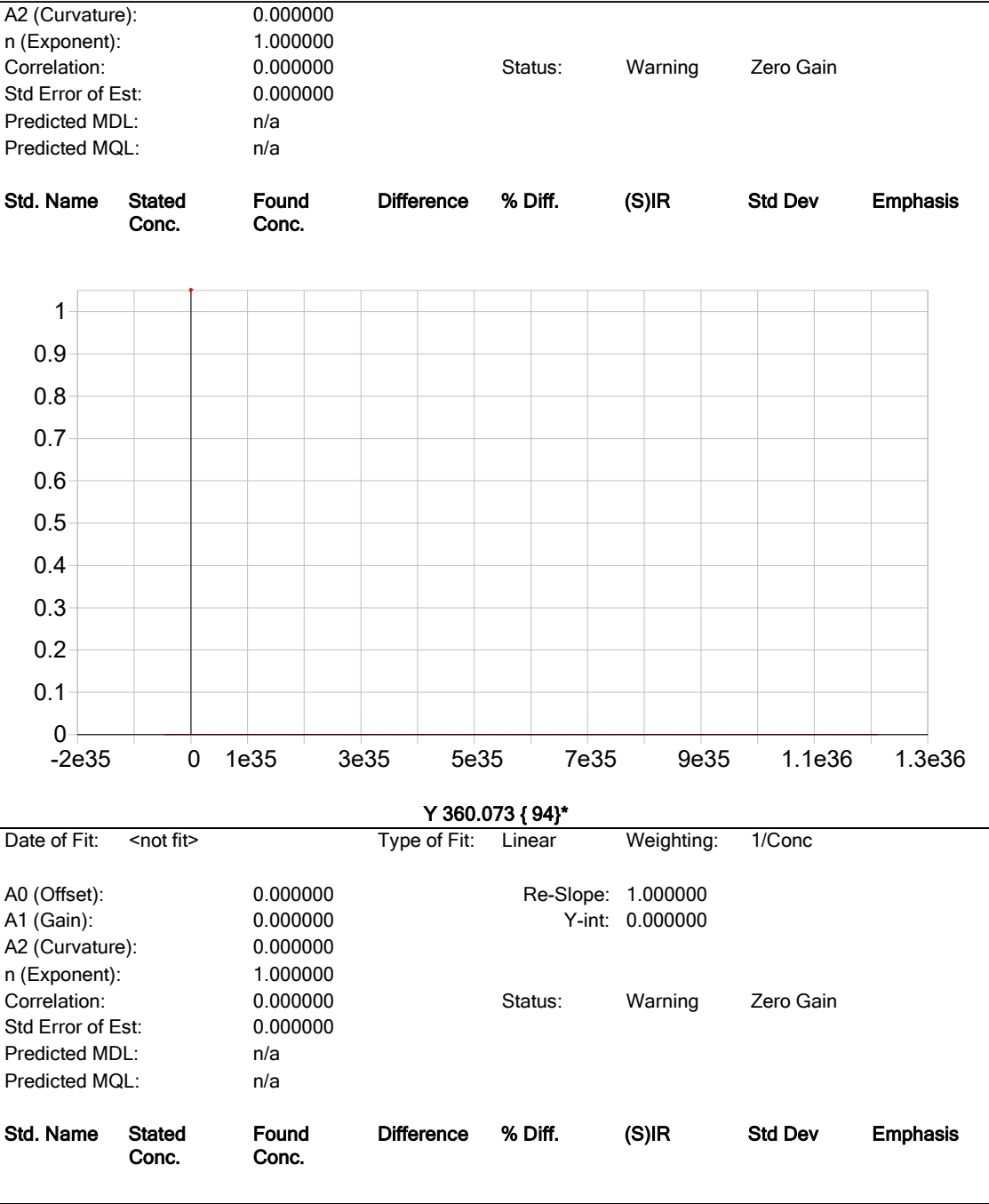
**Y 224.306 {150}\***

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

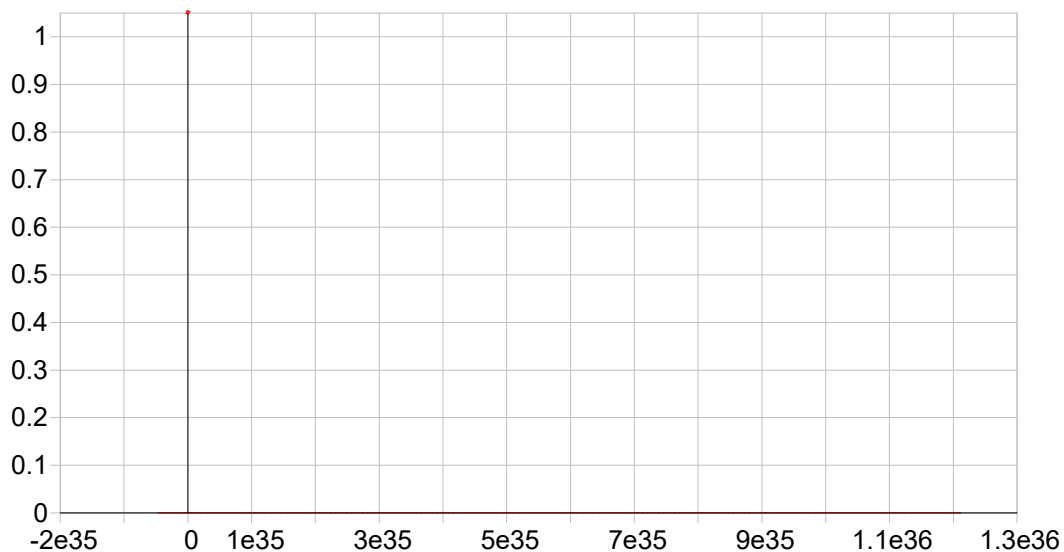


**Y 224.306 {450}\*  
 100**

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



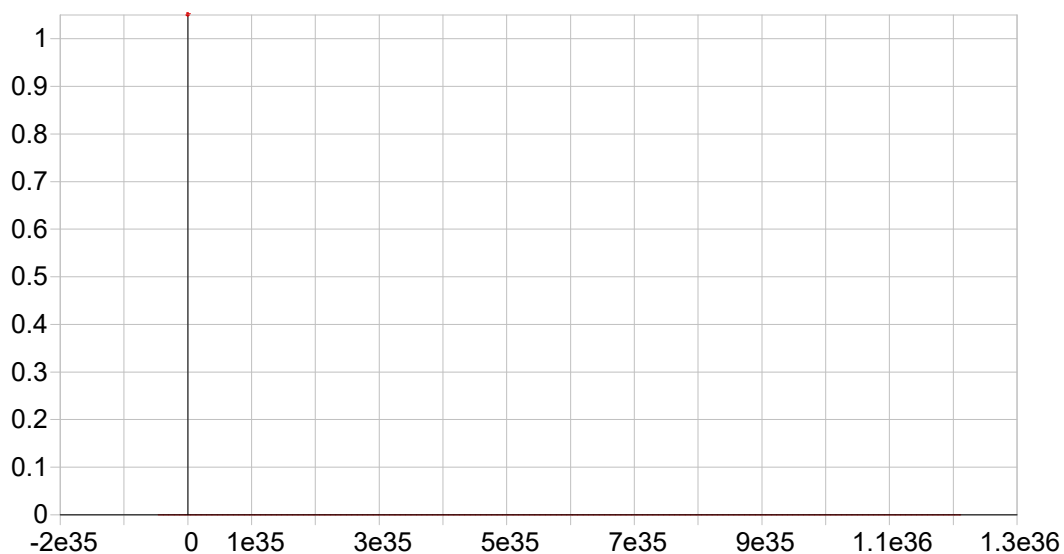




Y 371.030 { 91}\*

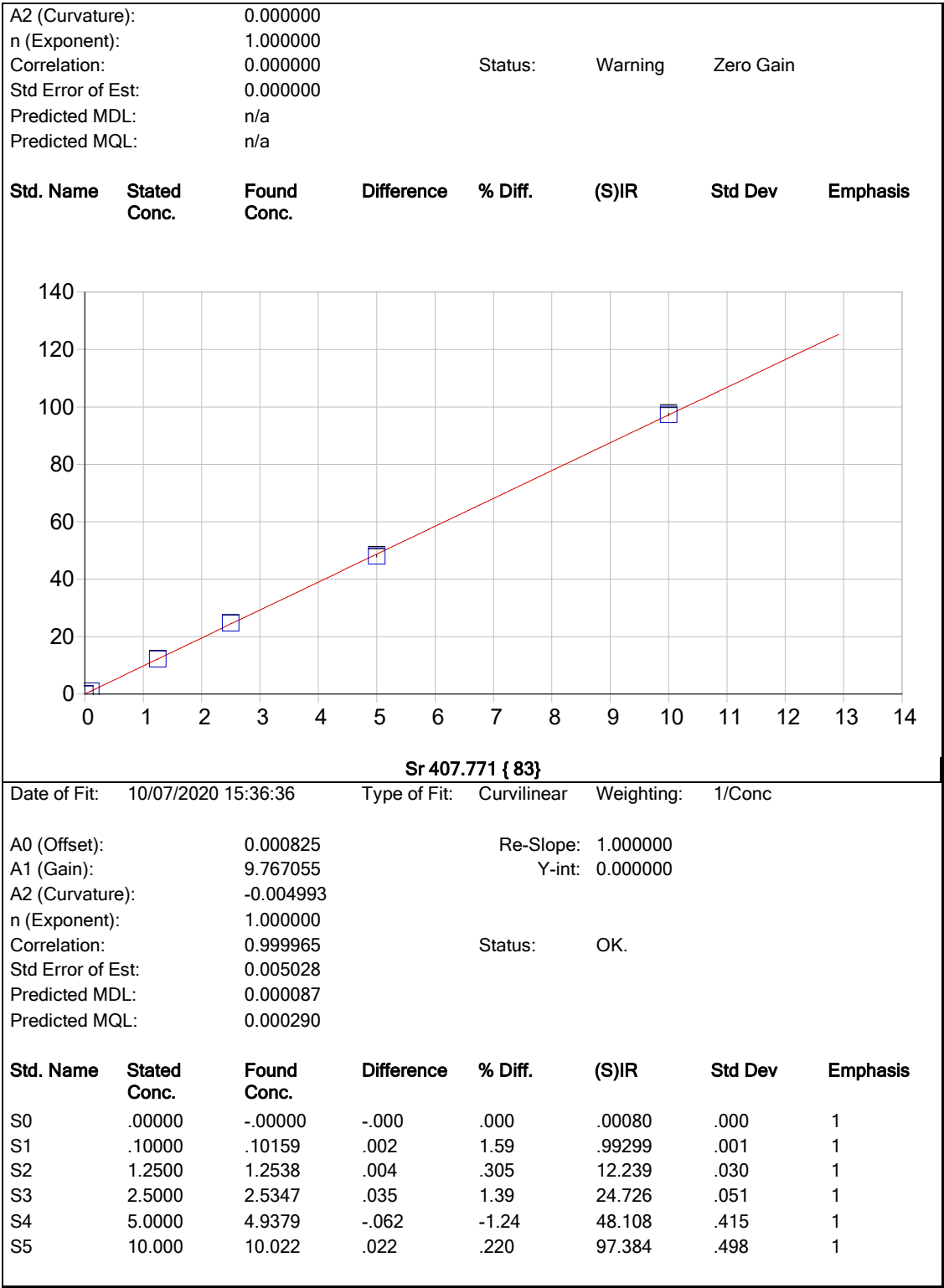
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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

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



In 230.606 {446}\*

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



Sample Name: S0      Acquired: 10/07/2020 14:58:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | -.00041 | -.00259 | .00085  | .00070  | .00096  | .00291 | .01733  | -.00263 |
| Stddev | .00016  | .00014  | .00022  | .00019  | .00028  | .00051 | .00332  | .00006  |
| %RSD   | 39.675  | 5.3795  | 26.082  | 26.614  | 29.644  | 17.562 | 19.181  | 2.1175  |
| #1     | -.00024 | -.00262 | .00103  | .00069  | .00124  | .00286 | .01895  | -.00268 |
| #2     | -.00056 | -.00272 | .00092  | .00089  | .00098  | .00243 | .01953  | -.00265 |
| #3     | -.00043 | -.00244 | .00060  | .00052  | .00067  | .00345 | .01351  | -.00257 |
| 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    | .00029  | .00096  | -.00002 | .00068  | .00311  | .00235 | .00173  | -.00058 |
| Stddev | .00016  | .00097  | .00011  | .00042  | .00094  | .00011 | .00034  | .00025  |
| %RSD   | 54.737  | 100.27  | 487.66  | 61.560  | 30.273  | 4.7267 | 19.543  | 42.065  |
| #1     | .00035  | .00024  | .00010  | .00116  | .00405  | .00223 | .00182  | -.00037 |
| #2     | .00040  | .00060  | -.00013 | .00038  | .00311  | .00244 | .00136  | -.00053 |
| #3     | .00011  | .00206  | -.00004 | .00050  | .00216  | .00239 | .00202  | -.00085 |
| 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    | -.00249 | -.00094 | -.00041 | -.00016 | .00013  | .03250 | -.00069 | .00085  |
| Stddev | .00033  | .00013  | .00028  | .00049  | .00064  | .00156 | .00015  | .00041  |
| %RSD   | 13.077  | 13.559  | 69.343  | 301.72  | 507.53  | 4.7928 | 21.436  | 48.755  |
| #1     | -.00230 | -.00108 | -.00044 | -.00066 | .00045  | .03114 | -.00057 | .00095  |
| #2     | -.00230 | -.00088 | -.00011 | .00031  | -.00061 | .03216 | -.00065 | .00121  |
| #3     | -.00286 | -.00084 | -.00068 | -.00013 | .00055  | .03420 | -.00086 | .00039  |
| 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    | .00025  | .00038  | .00493  | .00040  | .00122  | .02205 | .00080  |         |
| Stddev | .00035  | .00020  | .00039  | .00015  | .00018  | .00148 | .00018  |         |
| %RSD   | 139.77  | 52.350  | 7.8410  | 36.744  | 14.762  | 6.6975 | 22.624  |         |
| #1     | -.00015 | .00023  | .00491  | .00027  | .00104  | .02360 | .00076  |         |
| #2     | .00050  | .00031  | .00532  | .00037  | .00120  | .02066 | .00065  |         |
| #3     | .00040  | .00060  | .00455  | .00056  | .00140  | .02190 | .00100  |         |

Sample Name: S0      Acquired: 10/07/2020 14:58:54      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 1181.2 | 2006.6 | 30366. | 6627.9 | 1662.3 |
| Stddev    | 1.8    | 3.9    | 74.    | 16.3   | .6     |
| %RSD      | .14854 | .19631 | .24270 | .24642 | .03506 |
|           |        |        |        |        |        |
| #1        | 1179.7 | 2002.1 | 30438. | 6609.5 | 1662.4 |
| #2        | 1180.9 | 2008.1 | 30290. | 6640.6 | 1662.8 |
| #3        | 1183.1 | 2009.6 | 30371. | 6633.6 | 1661.7 |

Sample Name: S1      Acquired: 10/07/2020 15:03:02      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .00006  | -.00013 | .00475 | .00276 | .01111 | .02279 | .68031  | .01804 |
| Stddev | .00022  | .00030  | .00027 | .00016 | .00058 | .00021 | .00308  | .00032 |
| %RSD   | 378.11  | 232.17  | 5.7558 | 5.8287 | 5.2045 | .91469 | .45230  | 1.7646 |
| #1     | .00026  | -.00044 | .00506 | .00290 | .01175 | .02278 | .68000  | .01828 |
| #2     | -.00018 | -.00011 | .00459 | .00258 | .01096 | .02259 | .67741  | .01768 |
| #3     | .00010  | .00016  | .00459 | .00281 | .01062 | .02301 | .68354  | .01817 |
| 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    | .01935  | .40695  | .00201 | .07148 | .00965 | .00529 | .01490  | .05769 |
| Stddev | .00006  | .00201  | .00009 | .00005 | .00055 | .00031 | .00014  | .00069 |
| %RSD   | .30801  | .49416  | 4.7045 | .06492 | 5.6722 | 5.7800 | .93913  | 1.2009 |
| #1     | .01939  | .40462  | .00209 | .07143 | .01012 | .00510 | .01506  | .05695 |
| #2     | .01928  | .40816  | .00191 | .07150 | .00977 | .00564 | .01481  | .05832 |
| #3     | .01938  | .40806  | .00203 | .07151 | .00905 | .00512 | .01483  | .05781 |
| 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    | .04240  | .00348  | .02780 | .00846 | .03366 | .15676 | -.00005 | .00477 |
| Stddev | .00063  | .00016  | .00143 | .00021 | .00059 | .00102 | .00016  | .00046 |
| %RSD   | 1.4822  | 4.6779  | 5.1403 | 2.4882 | 1.7449 | .65008 | 312.15  | 9.5756 |
| #1     | .04169  | .00330  | .02647 | .00868 | .03355 | .15633 | .00012  | .00427 |
| #2     | .04289  | .00353  | .02931 | .00845 | .03314 | .15602 | -.00020 | .00488 |
| #3     | .04261  | .00361  | .02764 | .00826 | .03430 | .15792 | -.00007 | .00516 |
| 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    | .00587  | .00335  | .04424 | .00117 | .06848 | .06890 | .99299  |        |
| Stddev | .00022  | .00015  | .00039 | .00018 | .00050 | .00045 | .00058  |        |
| %RSD   | 3.7903  | 4.4382  | .88909 | 15.564 | .73566 | .65612 | .05875  |        |
| #1     | .00600  | .00352  | .04414 | .00099 | .06897 | .06917 | .99239  |        |
| #2     | .00561  | .00324  | .04390 | .00135 | .06796 | .06915 | .99303  |        |
| #3     | .00600  | .00330  | .04467 | .00118 | .06851 | .06838 | .99356  |        |

Sample Name: S1      Acquired: 10/07/2020 15:03:02      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 1185.8 | 2009.7 | 30492. | 6614.0 | 1685.2 |
| Stddev    | 5.6    | 2.7    | 43.    | 10.7   | 2.0    |
| %RSD      | .47142 | .13660 | .14198 | .16233 | .11576 |
| #1        | 1191.9 | 2007.1 | 30536. | 6624.1 | 1687.0 |
| #2        | 1184.7 | 2009.4 | 30491. | 6602.7 | 1683.1 |
| #3        | 1180.9 | 2012.6 | 30450. | 6615.2 | 1685.5 |

Sample Name: S2      Acquired: 10/07/2020 15:07:09      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .05834 | .12805 | 2.1222 | .07093 | .21835 | 3.2980 | 10.691 | .50179 |
| Stddev | .00019 | .00113 | .0082  | .00010 | .00053 | .0084  | .008   | .00411 |
| %RSD   | .32839 | .87894 | .38837 | .13846 | .24227 | .25401 | .07931 | .81807 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05826 | .12795 | 2.1129 | .07092 | .21830 | 3.2912 | 10.683 | .49913 |
| #2 | .05855 | .12921 | 2.1286 | .07084 | .21890 | 3.3074 | 10.700 | .50652 |
| #3 | .05819 | .12697 | 2.1251 | .07104 | .21784 | 3.2955 | 10.691 | .49972 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.2345 | 4.8515 | .70915 | .86750 | .97722 | 1.1650 | 3.0609 | .69226 |
| Stddev | .0053  | .0084  | .00035 | .00207 | .00160 | .0014  | .0125  | .00207 |
| %RSD   | .23921 | .17306 | .04947 | .23917 | .16417 | .11727 | .40928 | .29950 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2314 | 4.8498 | .70949 | .86523 | .97594 | 1.1666 | 3.0695 | .69228 |
| #2 | 2.2407 | 4.8606 | .70879 | .86929 | .97902 | 1.1642 | 3.0667 | .69432 |
| #3 | 2.2315 | 4.8441 | .70918 | .86798 | .97669 | 1.1643 | 3.0465 | .69018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .64056 | .13333 | .19444 | .10261 | 1.6708 | .97324 | .08217 | .45611 |
| Stddev | .00028 | .00062 | .00069 | .00043 | .0058  | .00173 | .00079 | .00381 |
| %RSD   | .04429 | .46157 | .35529 | .41848 | .34661 | .17753 | .95577 | .83499 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .64024 | .13284 | .19428 | .10219 | 1.6766 | .97154 | .08206 | .45293 |
| #2 | .64078 | .13313 | .19385 | .10305 | 1.6708 | .97499 | .08300 | .46033 |
| #3 | .64066 | .13402 | .19520 | .10257 | 1.6650 | .97320 | .08144 | .45507 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .64046 | .04552 | .48113 | .15171 | .82019 | 1.2289 | 12.239 |
| Stddev | .00074 | .00063 | .00216 | .00050 | .00247 | .0047  | .030   |
| %RSD   | .11604 | 1.3740 | .44794 | .33003 | .30065 | .37927 | .24732 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .63975 | .04560 | .48007 | .15129 | .81769 | 1.2245 | 12.221 |
| #2 | .64123 | .04610 | .48361 | .15226 | .82262 | 1.2338 | 12.274 |
| #3 | .64040 | .04485 | .47972 | .15157 | .82027 | 1.2284 | 12.223 |

Sample Name: S2      Acquired: 10/07/2020 15:07:09      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 1157.6 | 1980.3 | 30309. | 6700.7 | 1649.7 |
| Stddev    | 2.2    | 1.2    | 139.   | 39.4   | 4.1    |
| %RSD      | .18886 | .06108 | .45783 | .58747 | .24555 |
| #1        | 1156.5 | 1981.5 | 30155. | 6718.5 | 1654.4 |
| #2        | 1156.3 | 1980.3 | 30347. | 6655.6 | 1646.9 |
| #3        | 1160.2 | 1979.0 | 30424. | 6728.1 | 1648.0 |



Sample Name: S3      Acquired: 10/07/2020 15:11:03      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .11932 | .25923 | 4.3037 | .14210 | .44118 | 6.7033 | 21.615 | 1.0021 |
| Stddev | .00082 | .00121 | .0169  | .00106 | .00123 | .0035  | .005   | .0070  |
| %RSD   | .69094 | .46547 | .39188 | .74667 | .27933 | .05179 | .02544 | .70015 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12010 | .25887 | 4.3028 | .14196 | .44248 | 6.7068 | 21.621 | 1.0101 |
| #2 | .11941 | .26058 | 4.2874 | .14322 | .44104 | 6.7034 | 21.611 | .99711 |
| #3 | .11846 | .25824 | 4.3211 | .14112 | .44003 | 6.6998 | 21.612 | .99910 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.4604 | 9.8072 | 1.4057 | 1.7572 | 1.9536 | 2.3148 | 6.1037 | 1.4014 |
| Stddev | .0147  | .0178  | .0023  | .0058  | .0012  | .0021  | .0154  | .0038  |
| %RSD   | .33013 | .18165 | .16441 | .33261 | .06226 | .08870 | .25186 | .26853 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.4599 | 9.7871 | 1.4070 | 1.7608 | 1.9548 | 2.3157 | 6.0914 | 1.3991 |
| #2 | 4.4459 | 9.8136 | 1.4071 | 1.7505 | 1.9524 | 2.3125 | 6.0988 | 1.3994 |
| #3 | 4.4753 | 9.8209 | 1.4030 | 1.7604 | 1.9536 | 2.3163 | 6.1209 | 1.4058 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2910 | .27136 | .39528 | .20567 | 3.4303 | 1.9717 | .16815 | .92616 |
| Stddev | .0038  | .00151 | .00155 | .00039 | .0361  | .0064  | .00129 | .00483 |
| %RSD   | .29236 | .55669 | .39258 | .18875 | 1.0530 | .32556 | .76973 | .52181 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2943 | .26968 | .39705 | .20523 | 3.4007 | 1.9790 | .16738 | .93105 |
| #2 | 1.2869 | .27261 | .39416 | .20597 | 3.4706 | 1.9690 | .16964 | .92139 |
| #3 | 1.2919 | .27178 | .39463 | .20581 | 3.4196 | 1.9671 | .16742 | .92605 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.2951 | .09328 | .95639 | .30728 | 1.6529 | 2.5100 | 24.726 |
| Stddev | .0027  | .00067 | .00692 | .00022 | .0036  | .0041  | .051   |
| %RSD   | .20688 | .71864 | .72310 | .07081 | .21578 | .16219 | .20721 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2955 | .09330 | .96197 | .30706 | 1.6532 | 2.5061 | 24.785 |
| #2 | 1.2976 | .09394 | .94865 | .30749 | 1.6562 | 2.5098 | 24.693 |
| #3 | 1.2922 | .09260 | .95854 | .30731 | 1.6491 | 2.5142 | 24.699 |

Sample Name: S3      Acquired: 10/07/2020 15:11:03      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 1109.1 | 1907.1 | 29667. | 6579.3 | 1580.3 |
| Stddev    | 6.7    | 1.5    | 57.    | 26.3   | 5.2    |
| %RSD      | .59978 | .07940 | .19053 | .39977 | .32632 |
| #1        | 1115.5 | 1905.3 | 29674. | 6556.3 | 1578.5 |
| #2        | 1102.2 | 1908.0 | 29607. | 6608.0 | 1586.1 |
| #3        | 1109.7 | 1907.9 | 29720. | 6573.7 | 1576.3 |

Sample Name: S5      Acquired: 10/07/2020 15:18:51      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .50289 | 1.0178 | 17.602 | .55220 | 1.8493 | 27.877 | 86.186 | 3.9041 |
| Stddev | .00210 | .0053  | .049   | .00184 | .0022  | .084   | .621   | .0357  |
| %RSD   | .41829 | .51820 | .27588 | .33320 | .12008 | .29957 | .72077 | .91308 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50125 | 1.0117 | 17.583 | .55020 | 1.8471 | 27.794 | 85.928 | 3.8823 |
| #2 | .50217 | 1.0215 | 17.566 | .55257 | 1.8494 | 27.961 | 86.895 | 3.9452 |
| #3 | .50526 | 1.0200 | 17.657 | .55382 | 1.8515 | 27.877 | 85.736 | 3.8846 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 17.604 | 38.997 | 5.3912 | 7.1179 | 7.7524 | 8.9490 | 23.770 | 5.7576 |
| Stddev | .044   | .070   | .0063  | .0075  | .0243  | .0198  | .037   | .0165  |
| %RSD   | .25091 | .17998 | .11617 | .10555 | .31311 | .22071 | .15644 | .28689 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.574 | 38.916 | 5.3876 | 7.1175 | 7.7276 | 8.9274 | 23.738 | 5.7393 |
| #2 | 17.583 | 39.045 | 5.3984 | 7.1105 | 7.7761 | 8.9662 | 23.811 | 5.7716 |
| #3 | 17.655 | 39.030 | 5.3876 | 7.1255 | 7.7536 | 8.9535 | 23.763 | 5.7618 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.1630 | 1.1193 | 1.6205 | .80904 | 15.212 | 8.2566 | .70837 | 3.6104 |
| Stddev | .0123  | .0021  | .0044  | .00431 | .179   | .0221  | .00257 | .0383  |
| %RSD   | .23839 | .18957 | .27260 | .53214 | 1.1767 | .26787 | .36344 | 1.0604 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1583 | 1.1212 | 1.6159 | .80448 | 15.326 | 8.2314 | .70542 | 3.5838 |
| #2 | 5.1537 | 1.1170 | 1.6247 | .81304 | 15.005 | 8.2725 | .70948 | 3.6542 |
| #3 | 5.1769 | 1.1198 | 1.6210 | .80959 | 15.304 | 8.2661 | .71020 | 3.5931 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.4429 | .39730 | 3.6988 | 1.2546 | 6.5498 | 10.618 | 97.384 |
| Stddev | .0165  | .00163 | .0325  | .0040  | .0147  | .029   | .498   |
| %RSD   | .30304 | .41135 | .87881 | .31572 | .22412 | .27743 | .51155 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4271 | .39542 | 3.6757 | 1.2508 | 6.5332 | 10.586 | 96.829 |
| #2 | 5.4415 | .39805 | 3.7360 | 1.2544 | 6.5612 | 10.644 | 97.531 |
| #3 | 5.4600 | .39842 | 3.6848 | 1.2587 | 6.5549 | 10.625 | 97.793 |

Sample Name: S5      Acquired: 10/07/2020 15:18:51      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 936.01 | 1648.8 | 27955. | 6357.7 | 1383.4 |
| Stddev    | 8.62   | 3.8    | 33.    | 26.6   | 3.8    |
| %RSD      | .92065 | .22825 | .11649 | .41884 | .27626 |
| #1        | 930.62 | 1650.2 | 27923. | 6374.0 | 1383.5 |
| #2        | 945.94 | 1651.7 | 27988. | 6327.0 | 1387.2 |
| #3        | 931.45 | 1644.6 | 27954. | 6372.2 | 1379.5 |

Sample Name: S4      Acquired: 10/07/2020 15:14:53      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .23690 | .50770 | 8.5535 | .27444 | .87536 | 13.392 | 42.673 | 1.9339 |
| Stddev | .00043 | .00431 | .0025  | .00028 | .00125 | .031   | .101   | .0162  |
| %RSD   | .18012 | .84896 | .02909 | .10347 | .14280 | .23215 | .23573 | .83858 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23664 | .50336 | 8.5507 | .27474 | .87486 | 13.382 | 42.788 | 1.9412 |
| #2 | .23666 | .51198 | 8.5547 | .27417 | .87444 | 13.367 | 42.627 | 1.9154 |
| #3 | .23739 | .50775 | 8.5552 | .27442 | .87678 | 13.427 | 42.603 | 1.9452 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 8.7473 | 19.245 | 2.7226 | 3.4806 | 3.8148 | 4.4913 | 11.886 | 2.7838 |
| Stddev | .0059  | .052   | .0030  | .0017  | .0024  | .0108  | .027   | .0064  |
| %RSD   | .06756 | .27034 | .11044 | .04742 | .06312 | .24118 | .22995 | .22948 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.7427 | 19.289 | 2.7192 | 3.4802 | 3.8171 | 4.5029 | 11.917 | 2.7911 |
| #2 | 8.7540 | 19.187 | 2.7239 | 3.4824 | 3.8123 | 4.4895 | 11.872 | 2.7792 |
| #3 | 8.7453 | 19.258 | 2.7247 | 3.4792 | 3.8151 | 4.4814 | 11.868 | 2.7810 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5489 | .54037 | .78728 | .40206 | 7.0099 | 3.9463 | .33939 | 1.8028 |
| Stddev | .0032  | .00308 | .00263 | .00207 | .0167  | .0078  | .00336 | .0116  |
| %RSD   | .12619 | .57075 | .33458 | .51481 | .23830 | .19840 | .98873 | .64056 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5484 | .54217 | .78539 | .40108 | 7.0173 | 3.9488 | .33630 | 1.8072 |
| #2 | 2.5460 | .53680 | .78616 | .40066 | 6.9908 | 3.9375 | .34296 | 1.7897 |
| #3 | 2.5524 | .54212 | .79029 | .40443 | 7.0217 | 3.9525 | .33892 | 1.8115 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.5841 | .18846 | 1.8449 | .61197 | 3.2325 | 5.0414 | 48.108 |  |
| Stddev | .0028  | .00135 | .0176  | .00085 | .0125  | .0072  | .415   |  |
| %RSD   | .10917 | .71382 | .95190 | .13962 | .38769 | .14221 | .86282 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.5810 | .18735 | 1.8512 | .61131 | 3.2273 | 5.0444 | 47.956 |  |
| #2 | 2.5847 | .18996 | 1.8250 | .61294 | 3.2233 | 5.0332 | 47.790 |  |
| #3 | 2.5866 | .18808 | 1.8584 | .61168 | 3.2467 | 5.0466 | 48.578 |  |

Sample Name: S4      Acquired: 10/07/2020 15:14:53      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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       | 1053.9 | 1833.7 | 29333. | 6591.6 | 1513.8 |
| Stddev    | 5.1    | 1.9    | 104.   | 51.1   | .3     |
| %RSD      | .48424 | .10488 | .35507 | .77499 | .01917 |
| #1        | 1049.4 | 1832.3 | 29324. | 6565.3 | 1513.6 |
| #2        | 1059.5 | 1835.9 | 29234. | 6650.5 | 1513.7 |
| #3        | 1052.8 | 1833.0 | 29441. | 6559.0 | 1514.2 |

Sample Name: S6      Acquired: 10/07/2020 15:22:55      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | 71.254 | 60.709 | 23.749 | 9.3483 | 4.3133 |
| Stddev | .346   | .627   | .055   | .0224  | .0086  |
| %RSD   | .48555 | 1.0327 | .22984 | .23971 | .20031 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 71.649 | 61.419 | 23.802 | 9.3717 | 4.3095 |
| #2 | 71.009 | 60.473 | 23.752 | 9.3462 | 4.3231 |
| #3 | 71.102 | 60.233 | 23.693 | 9.3270 | 4.3071 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 6282.2 |
| Stddev    | 47.3   |
| %RSD      | .75322 |

|    |        |
|----|--------|
| #1 | 6229.3 |
| #2 | 6297.0 |
| #3 | 6320.4 |

Sample Name: ICV      Acquired: 10/07/2020 15:27:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .9315208 | 1.015818 | .9584958 | 1.001554 | .9170124 | 2.436968 |
| Stddev | .0066469 | .006520  | .0041757 | .002741  | .0070862 | .012867  |
| %RSD   | .7135531 | .6418064 | .4356555 | .2736611 | .7727479 | .5279983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9391015 | 1.018372 | .9582714 | 1.000607 | .9174694 | 2.451533 |
| #2 | .9266906 | 1.008408 | .9544367 | .999412  | .9238590 | 2.432226 |
| #3 | .9287703 | 1.020673 | .9627792 | 1.004643 | .9097088 | 2.427145 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4975421 | .4833834 | .5188822 | 9.952361 | .5371783 | .4993806 |
| Stddev | .0006939 | .0025229 | .0008391 | .024541  | .0006383 | .0014026 |
| %RSD   | .1394625 | .5219171 | .1617209 | .2465819 | .1188259 | .2808741 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4967412 | .4861512 | .5189374 | 9.956474 | .5376633 | .5001092 |
| #2 | .4979227 | .4827865 | .5180168 | 9.926024 | .5364551 | .4977636 |
| #3 | .4979625 | .4812126 | .5196924 | 9.974586 | .5374165 | .5002689 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5027787 | 10.45105 | .4996157 | 5.558218 | .5167977 | .2338569 |
| Stddev | .0009806 | .05182   | .0018165 | .007381  | .0012075 | .0006385 |
| %RSD   | .1950278 | .4958019 | .3635702 | .1327897 | .2336582 | .2730081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5021463 | 10.50465 | .4997285 | 5.565112 | .5161292 | .2342947 |
| #2 | .5039082 | 10.44728 | .4977455 | 5.559110 | .5160722 | .2331243 |
| #3 | .5022815 | 10.40122 | .5013731 | 5.550432 | .5181916 | .2341517 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.678244 | .4967095 | 1.062060 | 9.118722 | F .0021012 | F .0159450 |
| Stddev | .108959  | .0022492 | .017962  | .090056  | .0003441   | .0010545   |
| %RSD   | 1.125813 | .4528127 | 1.691210 | .9875899 | 16.37742   | 6.613387   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.561160 | .4981405 | 1.048530 | 9.017037 | .0019384 | .0167728 |
| #2 | 9.776669 | .4941170 | 1.055213 | 9.188410 | .0024966 | .0163045 |
| #3 | 9.696903 | .4978708 | 1.082439 | 9.150718 | .0018687 | .0147578 |



Sample Name: ICV      Acquired: 10/07/2020 15:27:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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 .0009454 | F -.005402 | F .0036418 | F .0011625 | F -.000097 | F .0046738 |
| Stddev | .0001546   | .003524    | .0004163   | .0014117   | .000212    | .0002828   |
| %RSD   | 16.35647   | 65.24018   | 11.43154   | 121.4431   | 219.9016   | 6.050062   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0008272 | -.007769 | .0036995 | .0015530 | -.000274 | .0046599 |
| #2 | .0011204 | -.001352 | .0040262 | -.000403 | .000139  | .0043983 |
| #3 | .0008887 | -.007086 | .0031996 | .002338  | -.000154 | .0049633 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0014236 |
| Stddev | .0000343   |
| %RSD   | 2.410979   |

|    |          |
|----|----------|
| #1 | .0014495 |
| #2 | .0013847 |
| #3 | .0014367 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1216.501 | 2067.753 | 31293.63 | 6925.603 | 1722.732 |
| Stddev    | 7.124    | 2.881    | 139.61   | 35.398   | 2.491    |
| %RSD      | .5855935 | .1393246 | .4461397 | .5111107 | .1445903 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1218.850 | 2071.077 | 31384.16 | 6899.195 | 1724.553 |
| #2 | 1222.154 | 2066.211 | 31363.88 | 6965.824 | 1723.750 |
| #3 | 1208.500 | 2065.971 | 31132.84 | 6911.789 | 1719.893 |

Sample Name: ICB      Acquired: 10/07/2020 15:41:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .0014245 | -.001488 | .0008855 | .0035200 | .0005806 | .0091055 | -.000004 |
| Stddev | .0046858 | .001165  | .0008646 | .0013246 | .0022660 | .0091641 | .000143  |
| %RSD   | 328.9480 | 78.32478 | 97.63842 | 37.63031 | 390.2652 | 100.6439 | 3381.514 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049727 | -.002828 | .0001624 | .0035251 | .0011706 | .0107767 | .000043  |
| #2 | .0031879 | -.000713 | .0018431 | .0048421 | .0024933 | -.000779 | -.000165 |
| #3 | -.003887 | -.000922 | .0006509 | .0021929 | -.001922 | .017319  | .000109  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000808 | .0000944 | .0102691 | .0005250 | -.000289 | .0070100 | .0339788 |
| Stddev | .0000569 | .0000497 | .0116444 | .0004877 | .000179  | .0011792 | .0045934 |
| %RSD   | 70.37694 | 52.66059 | 113.3923 | 92.89789 | 62.16937 | 16.82199 | 13.51847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001363 | .0000382 | .0125230 | .0001959 | -.000439 | .0083642 | .0286965 |
| #2 | .0000834 | .0001126 | .0206218 | .0002938 | -.000337 | .0062097 | .0362048 |
| #3 | .0000227 | .0001325 | -.002337 | .0010853 | -.000090 | .0064561 | .0370351 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007392 | .0139455 | -.000039 | -.000309 | -.066802 | -.000293 | .0011843 |
| Stddev | .0000967 | .0234916 | .000322  | .000041  | .273080  | .002499  | .0018270 |
| %RSD   | 13.08429 | 168.4531 | 830.5298 | 13.25022 | 408.7898 | 852.3967 | 154.2651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006732 | .0300721 | .000135  | -.000342 | -.368402 | -.000955 | .0013260 |
| #2 | .0006941 | .0247714 | .000159  | -.000321 | .163689  | -.002395 | -.000709 |
| #3 | .0008502 | -.013007 | -.000410 | -.000263 | .004307  | .002470  | .002936  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0726212 | .0001493 | .0057914 | .0006730 | -.000685 | .0000063 | .0023499 |
| Stddev | .0361081 | .0018306 | .0015600 | .0001819 | .004265  | .0003782 | .0012157 |
| %RSD   | 49.72107 | 1225.797 | 26.93596 | 27.02645 | 622.5831 | 6037.057 | 51.73270 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0361822 | .0010715 | .0045900 | .0008094 | -.002569 | .0000627 | .0031063 |
| #2 | .0732926 | -.001959 | .0075544 | .0004665 | .004197  | .0003530 | .0029958 |
| #3 | .1083889 | .001335  | .0052298 | .0007431 | -.003683 | -.000397 | .0009476 |

Sample Name: ICB      Acquired: 10/07/2020 15:41:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | .0000138 | .0058124 | -.000007 |
| Stddev | .0009359 | .0015507 | .000049  |
| %RSD   | 6794.064 | 26.67805 | 660.6370 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000756 | .0072775 | .000037  |
| #2 | .001055  | .0059714 | -.000000 |
| #3 | -.000258 | .0041885 | -.000059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1168.391 | 1992.803 | 30145.60 | 6559.904 | 1649.651 |
| Stddev    | 6.421    | 3.224    | 140.73   | 18.541   | 3.195    |
| %RSD      | .5495753 | .1617957 | .4668320 | .2826482 | .1936682 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1165.890 | 1990.058 | 30189.41 | 6565.153 | 1652.119 |
| #2 | 1163.597 | 1996.354 | 29988.18 | 6539.303 | 1646.042 |
| #3 | 1175.687 | 1991.998 | 30259.22 | 6575.254 | 1650.792 |

Sample Name: ICSA      Acquired: 10/07/2020 15:56:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | -.005286 | .0110406 | .0099320 | -.008837 | .0038682 | 240.5791 | .0053846 |
| Stddev | .001448  | .0018361 | .0009148 | .001999  | .0007018 | .5650    | .0002095 |
| %RSD   | 27.40421 | 16.63086 | 9.211008 | 22.61905 | 18.14333 | .2348321 | 3.891293 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003654 | .0101535 | .0095923 | -.006958 | .0037440 | 241.2315 | .0054126 |
| #2 | -.006419 | .0131519 | .0092356 | -.010937 | .0046238 | 240.2487 | .0051625 |
| #3 | -.005784 | .0098165 | .0109681 | -.008617 | .0032367 | 240.2572 | .0055787 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012012 | .0010583 | 240.5336 | .0482582 | -.000990 | .0041143 | 97.49299 |
| Stddev | .0000694 | .0000971 | .3876    | .0006428 | .000200  | .0020752 | .29923   |
| %RSD   | 5.778770 | 9.178276 | .1611210 | 1.332007 | 20.25120 | 50.43819 | .3069273 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011755 | .0010014 | 240.8948 | .0483294 | -.001191 | .0049306 | 97.61337 |
| #2 | .0012798 | .0011704 | 240.5818 | .0488625 | -.000790 | .0056571 | 97.71329 |
| #3 | .0011482 | .0010029 | 240.1242 | .0475828 | -.000989 | .0017551 | 97.15232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0134600 | 236.6361 | -.001696 | -.000986 | .0502911 | -.001336 | .0031135 |
| Stddev | .0004316 | .6931    | .000302  | .000273  | .2592252 | .000855  | .0031927 |
| %RSD   | 3.206339 | .2929110 | 17.82341 | 27.69237 | 515.4493 | 63.99755 | 102.5436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0129627 | 237.0829 | -.001475 | -.000683 | .3440638 | -.001942 | .0009873 |
| #2 | .0137366 | 236.9878 | -.001573 | -.001213 | -.046887 | -.000358 | .0067848 |
| #3 | .0136807 | 235.8376 | -.002040 | -.001061 | -.146304 | -.001707 | .0015684 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.191697 | .0055194 | .0169170 | .0001695 | -.001777 | -.003148 | -.002783 |
| Stddev | .031369  | .0026729 | .0028670 | .0005071 | .007631  | .001396  | .001028  |
| %RSD   | 16.36409 | 48.42721 | 16.94725 | 299.1404 | 429.3643 | 44.34466 | 36.94812 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.189440 | .0031207 | .0147813 | .0001508 | -.003836 | -.001857 | -.003144 |
| #2 | -.224133 | .0050368 | .0201754 | .0006858 | -.008168 | -.004629 | -.001623 |
| #3 | -.161516 | .0084007 | .0157942 | -.000328 | .006672  | -.002958 | -.003583 |

Sample Name: ICSA      Acquired: 10/07/2020 15:56:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      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    | -.001484 | .0069130 | .0952320 |
| Stddev | .000293  | .0005495 | .0002546 |
| %RSD   | 19.77346 | 7.949219 | .2673114 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001413 | .0066783 | .0952738 |
| #2 | -.001233 | .0075409 | .0954630 |
| #3 | -.001807 | .0065198 | .0949591 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1110.833 | 1906.172 | 29019.15 | 6548.438 | 1529.933 |
| Stddev    | 3.562    | 8.273    | 47.47    | 49.620   | 2.282    |
| %RSD      | .3206759 | .4340044 | .1635897 | .7577372 | .1491695 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1112.904 | 1901.160 | 28969.71 | 6508.092 | 1527.420 |
| #2 | 1106.720 | 1915.721 | 29023.35 | 6533.377 | 1531.877 |
| #3 | 1112.876 | 1901.636 | 29064.38 | 6603.843 | 1530.503 |

Sample Name: ICSAB      Acquired: 10/07/2020 16:04:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0969947 | .1021723 | .0552382 | .0360164 | .5390673 | 231.1644 | .4831591 |
| Stddev | .0059835 | .0041383 | .0014327 | .0015202 | .0013628 | .2967    | .0014863 |
| %RSD   | 6.168860 | 4.050327 | 2.593676 | 4.220989 | .2528079 | .1283318 | .3076198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0938951 | .1059760 | .0567408 | .0373880 | .5375089 | 231.2948 | .4848686 |
| #2 | .1038921 | .0977655 | .0538875 | .0343818 | .5396574 | 230.8249 | .4821727 |
| #3 | .0931970 | .1027755 | .0550863 | .0362795 | .5400357 | 231.3736 | .4824361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4665028 | .9724313 | 231.1283 | .5443978 | .4782048 | .4541735 | 93.70426 |
| Stddev | .0012317 | .0017049 | .2343    | .0009386 | .0018117 | .0020725 | .34909   |
| %RSD   | .2640218 | .1753201 | .1013840 | .1724024 | .3788462 | .4563227 | .3725481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4668639 | .9725411 | 231.3242 | .5454552 | .4774869 | .4560431 | 94.10569 |
| #2 | .4651309 | .9706741 | 230.8687 | .5440749 | .4768621 | .4545324 | 93.53521 |
| #3 | .4675136 | .9740786 | 231.1920 | .5436633 | .4802654 | .4519450 | 93.47187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4837554 | 227.2509 | .9641880 | .2155164 | -.101046 | .4747781 | 1.066015 |
| Stddev | .0020170 | .6471    | .0019559 | .0005229 | .306300  | .0050432 | .002806  |
| %RSD   | .4169530 | .2847724 | .2028511 | .2426119 | 303.1293 | 1.062232 | .2632543 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4853850 | 227.8288 | .9651055 | .2161127 | -.022018 | .4746744 | 1.065818 |
| #2 | .4814995 | 227.3723 | .9619420 | .2153002 | .157996  | .4697874 | 1.063313 |
| #3 | .4843816 | 226.5517 | .9655163 | .2151363 | -.439116 | .4798723 | 1.068915 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.267148 | .0083782 | .0161508 | .0000616 | .0027319 | -.001493 | -.002667 |
| Stddev | .020835  | .0032825 | .0010117 | .0002412 | .0031495 | .001173  | .002215  |
| %RSD   | 7.799158 | 39.17904 | 6.264257 | 391.5146 | 115.2869 | 78.52571 | 83.02387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.256783 | .0048053 | .0153052 | -.000170 | .0039448 | -.002019 | -.005172 |
| #2 | -.291133 | .0112604 | .0158755 | .000044  | .0050947 | -.000150 | -.000968 |
| #3 | -.253527 | .0090688 | .0172717 | .000311  | -.000844 | -.002311 | -.001862 |

Sample Name: ICSAB      Acquired: 10/07/2020 16:04:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001972 | .0015791 | .0914140 |
| Stddev | .001038  | .0014075 | .0001274 |
| %RSD   | 52.65425 | 89.13110 | .1393505 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001957 | .0017506 | .0914440 |
| #2 | -.003018 | .0028929 | .0912743 |
| #3 | -.000941 | .0000937 | .0915238 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1134.311 | 1936.817 | 29619.20 | 6654.867 | 1548.961 |
| Stddev    | 1.781    | .697     | 47.06    | 11.763   | 2.240    |
| %RSD      | .1570546 | .0359980 | .1588782 | .1767553 | .1446211 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1133.567 | 1937.565 | 29656.08 | 6645.123 | 1546.435 |
| #2 | 1133.022 | 1936.185 | 29566.20 | 6667.933 | 1549.742 |
| #3 | 1136.344 | 1936.701 | 29635.33 | 6651.543 | 1550.706 |

Sample Name: CCV021      Acquired: 10/07/2020 16:08:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV021      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.862802 | 4.961198 | 25.10697 | 4.750593 | 4.901673 | 389.5746 | 10.22602 |
| Stddev | .008429  | .014995  | .05799   | .010662  | .003715  | 3.0787   | .02517   |
| %RSD   | .1733263 | .3022492 | .2309825 | .2244373 | .0757967 | .7902600 | .2461334 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.855205 | 4.944053 | 25.10209 | 4.760723 | 4.904441 | 392.3119 | 10.25084 |
| #2 | 4.861334 | 4.967674 | 25.05158 | 4.739468 | 4.897450 | 390.1701 | 10.22670 |
| #3 | 4.871869 | 4.971867 | 25.16725 | 4.751588 | 4.903128 | 386.2416 | 10.20051 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5048065 | 2.522642 | 409.9094 | 15.61555 | 2.538930 | 15.18536 | 400.5445 |
| Stddev | .0018922 | .002581  | .8681    | .00899   | .005513  | .00511   | .7083    |
| %RSD   | .3748326 | .1023037 | .2117679 | .0575461 | .2171453 | .0336603 | .1768396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5027421 | 2.522031 | 410.8146 | 15.62572 | 2.533804 | 15.19039 | 399.7548 |
| #2 | .5064583 | 2.520422 | 409.8297 | 15.60868 | 2.538224 | 15.18017 | 400.7548 |
| #3 | .5052193 | 2.525474 | 409.0839 | 15.61225 | 2.544763 | 15.18553 | 401.1238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.09846 | 396.3246 | 2.518729 | 1.282852 | 392.5298 | 2.513866 | 14.94915 |
| Stddev | .00553   | .3901    | .002624  | .002523  | 1.1515   | .004808  | .11192   |
| %RSD   | .0366555 | .0984179 | .1041979 | .1966787 | .2933451 | .1912466 | .7486797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.10385 | 395.8894 | 2.519658 | 1.285757 | 393.2273 | 2.513801 | 15.06047 |
| #2 | 15.09874 | 396.6427 | 2.515767 | 1.281206 | 393.1613 | 2.509091 | 14.95033 |
| #3 | 15.09279 | 396.4417 | 2.520764 | 1.281594 | 391.2007 | 2.518706 | 14.83664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 157.4203 | 5.051712 | 5.026453 | 4.932547 | 5.038869 | 5.008409 | 5.101831 |
| Stddev | .2245    | .029461  | .025926  | .009326  | .015351  | .021682  | .014018  |
| %RSD   | .1426141 | .5831793 | .5157828 | .1890689 | .3046512 | .4329093 | .2747579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.1616 | 5.034367 | 4.997998 | 4.923488 | 5.022130 | 4.986855 | 5.092552 |
| #2 | 157.5355 | 5.035041 | 5.048734 | 4.932035 | 5.052289 | 5.030216 | 5.094984 |
| #3 | 157.5639 | 5.085728 | 5.032627 | 4.942118 | 5.042189 | 5.008155 | 5.117956 |



Sample Name: CCV021      Acquired: 10/07/2020 16:08:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV021      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.029876 | 5.105150 | 5.058650 |
| Stddev | .020939  | .013768  | .048921  |
| %RSD   | .4162997 | .2696847 | .9670852 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.052889 | 5.118910 | 5.088028 |
| #2 | 5.024792 | 5.105165 | 5.085747 |
| #3 | 5.011946 | 5.091374 | 5.002176 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1010.802 | 1757.958 | 28286.42 | 6460.277 | 1420.940 |
| Stddev    | 5.219    | 5.506    | 46.83    | 6.439    | 4.104    |
| %RSD      | .5163395 | .3132255 | .1655565 | .0996745 | .2888404 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1005.779 | 1758.485 | 28239.12 | 6452.917 | 1420.746 |
| #2 | 1010.430 | 1763.182 | 28332.77 | 6463.045 | 1425.138 |
| #3 | 1016.198 | 1752.207 | 28287.37 | 6464.869 | 1416.937 |

Sample Name: CCB021      Acquired: 10/07/2020 16:12:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB021      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004418 | .0035227 | .0018653 | -.000997 | -.000436 | .0166096 | .0000833 |
| Stddev | .0006317 | .0005677 | .0009597 | .004200  | .000932  | .0024722 | .0004789 |
| %RSD   | 142.9896 | 16.11451 | 51.45072 | 421.3934 | 213.7123 | 14.88388 | 575.1328 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003328 | .0037654 | .0029635 | .003601  | -.000831 | .0172002 | -.000468 |
| #2 | .0011208 | .0028740 | .0011871 | -.004632 | -.001105 | .0187330 | .000397  |
| #3 | -.000128 | .0039287 | .0014455 | -.001959 | .000628  | .0138957 | .000321  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001337 | .0001318 | .0247704 | .0008580 | -.000107 | .0213524 | .0655316 |
| Stddev | .0000872 | .0000394 | .0076542 | .0006270 | .000172  | .0030841 | .0054303 |
| %RSD   | 65.23595 | 29.88823 | 30.90064 | 73.07140 | 160.9375 | 14.44400 | 8.286512 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000932 | .0001211 | .0335591 | .0010098 | -.000302 | .0231081 | .0717890 |
| #2 | .0000741 | .0001754 | .0195662 | .0013953 | .000023  | .0231579 | .0627513 |
| #3 | .0002338 | .0000988 | .0211858 | .0001691 | -.000042 | .0177913 | .0620545 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022763 | .0526561 | .0000941 | .0000364 | .1030665 | -.004039 | .0066495 |
| Stddev | .0001791 | .0076832 | .0004705 | .0005048 | .1104557 | .002200  | .0027935 |
| %RSD   | 7.869358 | 14.59127 | 499.8695 | 1387.303 | 107.1693 | 54.46042 | 42.01122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020709 | .0461255 | .0002605 | .0001802 | .0557747 | -.003505 | .0077672 |
| #2 | .0023578 | .0507210 | -.000437 | .0004537 | .0241304 | -.006456 | .0034701 |
| #3 | .0024001 | .0611219 | .000459  | -.000525 | .2292945 | -.002155 | .0087110 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1364284 | -.001804 | .0150774 | .0012626 | -.002051 | -.000501 | .0031049 |
| Stddev | .0198662 | .004409  | .0018424 | .0003527 | .002585  | .000277  | .0006600 |
| %RSD   | 14.56165 | 244.3220 | 12.21926 | 27.93135 | 126.0369 | 55.21667 | 21.25569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1288261 | -.005932 | .0154435 | .0013434 | .000001  | -.000795 | .0025299 |
| #2 | .1214860 | .002840  | .0167093 | .0015678 | -.001200 | -.000245 | .0029594 |
| #3 | .1589731 | -.002322 | .0130796 | .0008766 | -.004954 | -.000464 | .0038255 |

Sample Name: CCB021      Acquired: 10/07/2020 16:12:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB021      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007042 | .0098431 | .0001994 |
| Stddev | .0004762 | .0021496 | .0000867 |
| %RSD   | 67.61947 | 21.83925 | 43.47782 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0004042 | .0122835 | .0002971 |
| #2 | .0004551 | .0082302 | .0001696 |
| #3 | .0012533 | .0090155 | .0001316 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1195.350 | 2020.957 | 30613.29 | 6654.609 | 1665.108 |
| Stddev    | 7.732    | 7.810    | 150.15   | 24.636   | 3.695    |
| %RSD      | .6468453 | .3864294 | .4904837 | .3702036 | .2219309 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1186.429 | 2011.962 | 30457.84 | 6680.321 | 1661.034 |
| #2 | 1200.112 | 2026.003 | 30757.52 | 6631.213 | 1668.243 |
| #3 | 1199.510 | 2024.907 | 30624.51 | 6652.292 | 1666.047 |

Sample Name: L4138-04DLX2      Acquired: 10/07/2020 16:16:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MBG497      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.013734 | .0644148 | .0285046 | -.055486 | .0058525 | .1943950 | .4824686 |
| Stddev | .002675  | .0004779 | .0005088 | .001227  | .0023690 | .0030486 | .0011586 |
| %RSD   | 19.47499 | .7419891 | 1.784820 | 2.210907 | 40.47837 | 1.568234 | .2401342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.016818 | .0649542 | .0289015 | -.056326 | .0045081 | .1977991 | .4827333 |
| #2 | -.012041 | .0642464 | .0279311 | -.054078 | .0085879 | .1934695 | .4812007 |
| #3 | -.012344 | .0640439 | .0286812 | -.056052 | .0044616 | .1919165 | .4834720 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059472 | .0094226 | 59.55487 | -.040485 | .0097809 | .0237624 | 492.2313 |
| Stddev | .0000642 | .0001906 | .08150   | .000403  | .0002974 | .0022521 | .9665    |
| %RSD   | 1.079495 | 2.023012 | .1368465 | .9949362 | 3.040274 | 9.477682 | .1963562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058760 | .0092624 | 59.52654 | -.040363 | .0101228 | .0263490 | 491.5949 |
| #2 | .0060006 | .0096334 | 59.49131 | -.040935 | .0095830 | .0222362 | 491.7556 |
| #3 | .0059651 | .0093719 | 59.64675 | -.040157 | .0096368 | .0227020 | 493.3435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1242513 | 7.577962 | .0027918 | -.003778 | 2.459552 | .0449966 | 1.027311 |
| Stddev | .0002860 | .021183  | .0005930 | .000343  | .336817  | .0043741 | .005122  |
| %RSD   | .2302084 | .2795362 | 21.23987 | 9.083637 | 13.69424 | 9.721026 | .4985788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1244791 | 7.553510 | .0028837 | -.004121 | 2.083540 | .0462885 | 1.027429 |
| #2 | .1243446 | 7.589627 | .0021583 | -.003435 | 2.733621 | .0485792 | 1.032373 |
| #3 | .1239303 | 7.590748 | .0033335 | -.003777 | 2.561495 | .0401220 | 1.022131 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.962019 | 2.824029 | .1565725 | .0057408 | 7.231195 | 9.276216 | .0043196 |
| Stddev | .014467  | .008504  | .0045527 | .0002163 | .019669  | .049176  | .0035708 |
| %RSD   | .3651414 | .3011478 | 2.907745 | 3.768244 | .2719997 | .5301267 | 82.66425 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.951484 | 2.822882 | .1570598 | .0055698 | 7.212809 | 9.283449 | .0023651 |
| #2 | 3.978514 | 2.816156 | .1517957 | .0059840 | 7.228841 | 9.321374 | .0084409 |
| #3 | 3.956058 | 2.833048 | .1608619 | .0056687 | 7.251935 | 9.223824 | .0021528 |

Sample Name: L4138-04DLX2      Acquired: 10/07/2020 16:16:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MBG497      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007596 | -.010027 | .3505861 |
| Stddev | .0003237 | .000475  | .0004577 |
| %RSD   | 42.62200 | 4.737745 | .1305640 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008979 | -.010276 | .3510232 |
| #2 | .0009911 | -.010326 | .3506250 |
| #3 | .0003896 | -.009479 | .3501102 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1220.690 | 2088.338 | 31745.69 | 7005.968 | 1703.464 |
| Stddev    | 6.935    | 3.853    | 68.31    | 7.557    | 3.657    |
| %RSD      | .5680923 | .1845190 | .2151898 | .1078586 | .2147043 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1217.036 | 2084.589 | 31694.00 | 7002.899 | 1702.850 |
| #2 | 1228.687 | 2088.138 | 31823.14 | 7014.576 | 1700.152 |
| #3 | 1216.345 | 2092.288 | 31719.94 | 7000.429 | 1707.390 |

Sample Name: L4167-11A      Acquired: 10/07/2020 16:20:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AE4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0283058 | .0592772 | .5035022 | -.006005 | .0011339 | 40.50881 | .1586889 |
| Stddev | .0017072 | .0021721 | .0017829 | .001369  | .0005532 | .06766   | .0003113 |
| %RSD   | 6.031188 | 3.664340 | .3541011 | 22.79505 | 48.78684 | .1670221 | .1961434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0263345 | .0614332 | .5044317 | -.007573 | .0008050 | 40.52049 | .1583943 |
| #2 | .0292921 | .0570893 | .5046283 | -.005047 | .0008241 | 40.43607 | .1586579 |
| #3 | .0292906 | .0593089 | .5014466 | -.005395 | .0017725 | 40.56987 | .1590145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037291 | .0051253 | 46.74439 | .1649856 | .0362521 | .4972952 | 79.22806 |
| Stddev | .0000271 | .0000538 | .11036   | .0003515 | .0001749 | .0011221 | .37841   |
| %RSD   | .7273461 | 1.050362 | .2360943 | .2130214 | .4825676 | .2256386 | .4776261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0037268 | .0051034 | 46.61790 | .1652139 | .0360799 | .4969140 | 78.79308 |
| #2 | .0037573 | .0050859 | 46.79427 | .1651621 | .0364297 | .4964134 | 79.48151 |
| #3 | .0037032 | .0051867 | 46.82101 | .1645809 | .0362467 | .4985582 | 79.40959 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7765846 | 37.59164 | .0612893 | .0018446 | 48.51570 | .1254126 | 1.467067 |
| Stddev | .0012659 | .16972   | .0004420 | .0002661 | .43251   | .0014850 | .004816  |
| %RSD   | .1630020 | .4514902 | .7211642 | 14.42861 | .8914880 | 1.184061 | .3282818 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7752881 | 37.40114 | .0614785 | .0019615 | 48.75305 | .1240873 | 1.472479 |
| #2 | .7778174 | 37.64705 | .0607842 | .0015400 | 48.77757 | .1270175 | 1.463252 |
| #3 | .7766482 | 37.72673 | .0616052 | .0020322 | 48.01648 | .1251330 | 1.465470 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.473717 | 2.766458 | .1351812 | .0040640 | 42.61414 | 6.240614 | .0229838 |
| Stddev | .041631  | .003551  | .0013267 | .0002155 | .07625   | .043293  | .0015639 |
| %RSD   | .4912972 | .1283644 | .9814547 | 5.301423 | .1789258 | .6937223 | 6.804168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.427727 | 2.765232 | .1347006 | .0042353 | 42.62000 | 6.248071 | .0222179 |
| #2 | 8.508830 | 2.770460 | .1341618 | .0038221 | 42.68729 | 6.194078 | .0247830 |
| #3 | 8.484594 | 2.763682 | .1366813 | .0041347 | 42.53513 | 6.279694 | .0219505 |

Sample Name: L4167-11A      Acquired: 10/07/2020 16:20:40      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AE4A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7343497 | .0577757 | .4125624 |
| Stddev | .0018125 | .0001685 | .0007675 |
| %RSD   | .2468139 | .2916997 | .1860392 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7364364 | .0576014 | .4116762 |
| #2 | .7334453 | .0579378 | .4130105 |
| #3 | .7331674 | .0577880 | .4130005 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1249.650 | 2131.389 | 32487.15 | 7182.780 | 1641.189 |
| Stddev    | 4.816    | 2.670    | 210.30   | 9.663    | 1.553    |
| %RSD      | .3853551 | .1252647 | .6473187 | .1345274 | .0946170 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1244.412 | 2134.472 | 32291.18 | 7177.441 | 1642.979 |
| #2 | 1250.652 | 2129.843 | 32460.95 | 7193.934 | 1640.380 |
| #3 | 1253.886 | 2129.853 | 32709.32 | 7176.963 | 1640.207 |

Sample Name: PB132177BL      Acquired: 10/07/2020 16:24:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW177      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001714 | .0014745 | .0004333 | -.000514 | .0001705 | -.000159 | .0003913 |
| Stddev | .000745  | .0027629 | .0015900 | .001088  | .0004234 | .004827  | .0006465 |
| %RSD   | 43.49093 | 187.3800 | 366.9497 | 211.7561 | 248.2893 | 3037.747 | 165.2073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002007 | .0042720 | -.000536 | -.000435 | -.000315 | .005131  | .0004857 |
| #2 | -.000867 | .0014038 | -.000432 | -.001639 | .000365  | -.004323 | .0009855 |
| #3 | -.002268 | -.001252 | .002268  | .000533  | .000462  | -.001285 | -.000297 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000474 | .0000752 | .0097081 | -.000278 | -.000009 | .0046828 | .0922664 |
| Stddev | .0000158 | .0000554 | .0032881 | .000397  | .000194  | .0021279 | .0060003 |
| %RSD   | 33.23719 | 73.70865 | 33.87021 | 142.6817 | 2178.233 | 45.44202 | 6.503196 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000300 | .0000936 | .0125339 | -.000623 | -.000204 | .0059639 | .0866833 |
| #2 | .0000607 | .0000129 | .0104913 | -.000367 | .000185  | .0058580 | .0986111 |
| #3 | .0000515 | .0001191 | .0060990 | .000155  | -.000008 | .0022264 | .0915050 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005712 | .0404255 | -.000355 | -.000052 | .1049412 | -.002241 | .0021314 |
| Stddev | .0003729 | .0114619 | .000181  | .000284  | .0570590 | .000574  | .0014516 |
| %RSD   | 65.28089 | 28.35306 | 50.90412 | 551.0231 | 54.37235 | 25.61004 | 68.10542 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001468 | .0533283 | -.000564 | -.000359 | .1596044 | -.001578 | .0005527 |
| #2 | .0007202 | .0365265 | -.000238 | .000200  | .1094637 | -.002582 | .0024331 |
| #3 | .0008465 | .0314219 | -.000264 | .000005  | .0457556 | -.002562 | .0034085 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032067 | -.001608 | .0027851 | .0004337 | -.002426 | .0000572 | -.000704 |
| Stddev | .0129828 | .001764  | .0008263 | .0001973 | .004580  | .0008478 | .001102  |
| %RSD   | 404.8704 | 109.6979 | 29.66836 | 45.48181 | 188.7910 | 1481.122 | 156.5593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0143114 | -.002927 | .0022232 | .0006564 | -.000649 | .0002516 | -.001002 |
| #2 | -.011067 | -.002295 | .0023982 | .0002810 | -.007628 | .0007910 | .000517  |
| #3 | .006376  | .000396  | .0037338 | .0003636 | .000999  | -.000871 | -.001627 |



Sample Name: PB132177BL      Acquired: 10/07/2020 16:24:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW177      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001053 | -.000604 | -.000040 |
| Stddev | .000666  | .000774  | .000076  |
| %RSD   | 63.30132 | 128.2557 | 191.2977 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001123 | -.000442 | -.000108 |
| #2 | -.000354 | .000077  | -.000053 |
| #3 | -.001681 | -.001446 | .000042  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1199.658 | 2034.445 | 30737.92 | 6720.922 | 1673.756 |
| Stddev    | 6.209    | 5.151    | 103.07   | 52.996   | 6.054    |
| %RSD      | .5175356 | .2531999 | .3353026 | .7885269 | .3616835 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1192.889 | 2040.265 | 30699.15 | 6769.626 | 1680.361 |
| #2 | 1200.996 | 2032.602 | 30854.75 | 6664.483 | 1672.437 |
| #3 | 1205.088 | 2030.469 | 30659.87 | 6728.657 | 1668.471 |

Sample Name: PB132177BS      Acquired: 10/07/2020 16:28:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS177      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0190364 | .0535380 | .0218047 | .0735473 | .1145363 | .4231517 |
| Stddev | .0024566 | .0017067 | .0018937 | .0012554 | .0019593 | .0038734 |
| %RSD   | 12.90490 | 3.187917 | 8.685004 | 1.706888 | 1.710682 | .9153734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0208644 | .0525457 | .0222041 | .0737992 | .1151844 | .4187378 |
| #2 | .0200009 | .0555088 | .0197431 | .0746576 | .1123351 | .4259841 |
| #3 | .0162439 | .0525595 | .0234668 | .0721851 | .1160896 | .4247332 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3342557 | .0103544 | .0105878 | 10.22627 | .0227331 | .0995467 |
| Stddev | .0028722 | .0001100 | .0001007 | .02254   | .0001643 | .0008317 |
| %RSD   | .8592744 | 1.062119 | .9514150 | .2203900 | .7228548 | .8355046 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3371199 | .0104478 | .0105204 | 10.20093 | .0225511 | .0999890 |
| #2 | .3342716 | .0102332 | .0105394 | 10.23378 | .0228706 | .0985873 |
| #3 | .3313756 | .0103823 | .0107036 | 10.24409 | .0227777 | .1000638 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0463549 | .2564438 | .0324364 | 9.893421 | .0847228 | .0195739 |
| Stddev | .0010770 | .0021242 | .0007566 | .062776  | .0002213 | .0003740 |
| %RSD   | 2.323355 | .8283222 | 2.332669 | .6345189 | .2612257 | 1.910804 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0454755 | .2551537 | .0316372 | 9.850951 | .0845493 | .0192168 |
| #2 | .0475561 | .2588955 | .0325303 | 9.863784 | .0849721 | .0199628 |
| #3 | .0460332 | .2552823 | .0331417 | 9.965529 | .0846471 | .0195421 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.16777 | .1035549 | .1344392 | 9.892701 | .0158185 | F .0236993 |
| Stddev | .27417   | .0013501 | .0003415 | .026270  | .0024308 | .0001748   |
| %RSD   | 2.696420 | 1.303756 | .2540177 | .2655460 | 15.36701 | .7376396   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.87655  | .1049965 | .1340467 | 9.864841 | .0143952 | .0235040 |
| #2 | 10.42090 | .1023203 | .1346017 | 9.917022 | .0144350 | .0237529 |
| #3 | 10.20584 | .1033478 | .1346690 | 9.896241 | .0186252 | .0238410 |

Sample Name: PB132177BS      Acquired: 10/07/2020 16:28:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS177      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0210429 | .1682279 | .2092671 | .0124054 | .2036068 | F .0926484 |
| Stddev | .0003503 | .0047668 | .0006425 | .0014850 | .0011928 | .0019362   |
| %RSD   | 1.664811 | 2.833534 | .3070141 | 11.97050 | .5858258 | 2.089839   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0213228 | .1724810 | .2093255 | .0107046 | .2049474 | .0914962 |
| #2 | .0211559 | .1691272 | .2085975 | .0134445 | .2032101 | .0915651 |
| #3 | .0206500 | .1630755 | .2098785 | .0130671 | .2026630 | .0948838 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1982355 |
| Stddev | .0004877 |
| %RSD   | .2460090 |

|    |          |
|----|----------|
| #1 | .1980716 |
| #2 | .1978508 |
| #3 | .1987840 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1210.760 | 2049.197 | 31074.52 | 6774.582 | 1710.524 |
| Stddev    | 2.113    | 2.203    | 42.95    | 16.280   | .886     |
| %RSD      | .1744872 | .1075126 | .1382168 | .2403116 | .0517855 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1212.732 | 2051.226 | 31067.08 | 6775.241 | 1710.970 |
| #2 | 1211.017 | 2049.510 | 31120.71 | 6790.522 | 1711.098 |
| #3 | 1208.530 | 2046.854 | 31035.79 | 6757.982 | 1709.504 |

Sample Name: L4210-01      Acquired: 10/07/2020 16:33:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076011 | .0056889 | .0059376 | -.004600 | -.002032 | .0390198 | .1416091 |
| Stddev | .0039135 | .0021381 | .0014356 | .004673  | .000528  | .0108202 | .0005979 |
| %RSD   | 51.48633 | 37.58338 | 24.17751 | 101.5890 | 26.01372 | 27.73012 | .4222074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083014 | .0066587 | .0042932 | -.008339 | -.001679 | .0481726 | .1421844 |
| #2 | .0033847 | .0032378 | .0069408 | -.006100 | -.001776 | .0270781 | .1416521 |
| #3 | .0111172 | .0071703 | .0065789 | .000639  | -.002639 | .0418086 | .1409910 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002072 | .0001671 | 85.54616 | .0017717 | -.001714 | -.000704 | -.054575 |
| Stddev | .0000951 | .0001233 | .17722   | .0005775 | .000195  | .002129  | .006063  |
| %RSD   | 45.91886 | 73.77939 | .2071633 | 32.59577 | 11.40327 | 302.3475 | 11.10986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003160 | .0001530 | 85.43265 | .0011917 | -.001593 | .001098  | -.056213 |
| #2 | .0001399 | .0002968 | 85.75037 | .0017767 | -.001610 | -.000157 | -.059651 |
| #3 | .0001656 | .0000514 | 85.45547 | .0023466 | -.001940 | -.003053 | -.047861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001105 | 28.62216 | .0000854 | .0001138 | 42.57023 | .0004569 | .0086377 |
| Stddev | .000210  | .01894   | .0004396 | .0003945 | .14852   | .0027533 | .0013275 |
| %RSD   | 18.96324 | .0661743 | 514.7134 | 346.5825 | .3488828 | 602.6440 | 15.36848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001097 | 28.61522 | -.000250 | .0001099 | 42.65016 | -.002722 | .0071048 |
| #2 | -.001319 | 28.64359 | .000583  | .0005103 | 42.66167 | .002101  | .0094018 |
| #3 | -.000900 | 28.60767 | -.000076 | -.000279 | 42.39886 | .001991  | .0094063 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.425114 | .0273036 | .1002217 | .0004469 | 14.55060 | 11.63733 | -.003923 |
| Stddev | .049549  | .0015994 | .0008100 | .0004479 | .09655   | .04062   | .002713  |
| %RSD   | .9133325 | 5.857649 | .8081571 | 100.2198 | .6635186 | .3490771 | 69.16172 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.368311 | .0291155 | .0993143 | .0004636 | 14.44034 | 11.59541 | -.006622 |
| #2 | 5.459447 | .0260884 | .1008717 | -.000009 | 14.59151 | 11.67652 | -.001196 |
| #3 | 5.447585 | .0267067 | .1004790 | .000886  | 14.61997 | 11.64005 | -.003950 |

Sample Name: L4210-01      Acquired: 10/07/2020 16:33:00      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001914 | .0163462 | .3487166 |
| Stddev | .000642  | .0002434 | .0007045 |
| %RSD   | 33.53197 | 1.489295 | .2020216 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002607 | .0165913 | .3479776 |
| #2 | -.001796 | .0161045 | .3487916 |
| #3 | -.001339 | .0163427 | .3493806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1231.452 | 2082.132 | 31623.47 | 6862.729 | 1718.551 |
| Stddev    | 8.895    | 2.317    | 43.71    | 11.643   | .451     |
| %RSD      | .7223133 | .1112984 | .1382240 | .1696628 | .0262552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1235.784 | 2081.662 | 31650.57 | 6873.636 | 1718.590 |
| #2 | 1237.351 | 2080.086 | 31646.80 | 6850.467 | 1718.981 |
| #3 | 1221.221 | 2084.649 | 31573.05 | 6864.084 | 1718.081 |

Sample Name: L4210-02      Acquired: 10/07/2020 16:37:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058168 | .0056969 | .0051784 | -.000859 | -.000446 | .0547604 | .1377760 |
| Stddev | .0008930 | .0018306 | .0015509 | .002088  | .001702  | .0075512 | .0006266 |
| %RSD   | 15.35199 | 32.13240 | 29.95043 | 243.1591 | 381.6107 | 13.78949 | .4548084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047864 | .0073918 | .0067901 | -.000745 | -.000164 | .0599102 | .1376847 |
| #2 | .0063003 | .0037557 | .0036963 | .001170  | .001097  | .0582790 | .1384432 |
| #3 | .0063638 | .0059433 | .0050488 | -.003002 | -.002271 | .0460921 | .1372000 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002769 | -.000054 | 100.8306 | .0012266 | -.001765 | .0029910 | -.051403 |
| Stddev | .0001390 | .000097  | .3401    | .0001583 | .000330  | .0018256 | .009547  |
| %RSD   | 50.20707 | 178.7709 | .3372911 | 12.90737 | 18.70560 | 61.03471 | 18.57209 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002759 | .000051  | 100.6115 | .0013857 | -.001473 | .0036450 | -.041299 |
| #2 | .0001384 | -.000140 | 101.2224 | .0012249 | -.002123 | .0009285 | -.060271 |
| #3 | .0004165 | -.000073 | 100.6579 | .0010691 | -.001700 | .0043995 | -.052639 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001194 | 37.78160 | .0001112 | -.000153 | 67.87592 | -.000554 | .0211217 |
| Stddev | .000368  | .12342   | .0002212 | .000317  | .30366   | .001628  | .0009719 |
| %RSD   | 30.81036 | .3266581 | 198.9711 | 206.2966 | .4473795 | 293.8720 | 4.601669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001566 | 37.82440 | .0001812 | .000170  | 67.79450 | -.001899 | .0222005 |
| #2 | -.001188 | 37.87792 | .0002889 | -.000167 | 68.21200 | .001256  | .0203142 |
| #3 | -.000830 | 37.64248 | -.000137 | -.000463 | 67.62127 | -.001020 | .0208503 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.512720 | .0269607 | .1517791 | .0002390 | 28.38234 | 12.10031 | -.006367 |
| Stddev | .028408  | .0019655 | .0024591 | .0002594 | .11155   | .08072   | .001108  |
| %RSD   | .4361976 | 7.290036 | 1.620176 | 108.5256 | .3930121 | .6670653 | 17.39852 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.513326 | .0247153 | .1533484 | .0004960 | 28.27349 | 12.13056 | -.006524 |
| #2 | 6.540821 | .0277980 | .1530439 | -.000023 | 28.37713 | 12.16153 | -.005189 |
| #3 | 6.484014 | .0283688 | .1489450 | .000244  | 28.49640 | 12.00884 | -.007388 |

Sample Name: L4210-02      Acquired: 10/07/2020 16:37:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002822 | .0235483 | .4577008 |
| Stddev | .000841  | .0005169 | .0011569 |
| %RSD   | 29.80549 | 2.194928 | .2527649 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002303 | .0237703 | .4564857 |
| #2 | -.003792 | .0229575 | .4587891 |
| #3 | -.002370 | .0239171 | .4578276 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1224.809 | 2075.768 | 31547.54 | 6956.885 | 1712.673 |
| Stddev    | 5.624    | 4.456    | 173.10   | 40.993   | 2.629    |
| %RSD      | .4591887 | .2146659 | .5486921 | .5892502 | .1534939 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1228.746 | 2079.949 | 31678.76 | 6926.225 | 1715.705 |
| #2 | 1227.312 | 2071.081 | 31612.49 | 6940.983 | 1711.278 |
| #3 | 1218.367 | 2076.273 | 31351.36 | 7003.447 | 1711.036 |

Sample Name: L4210-03      Acquired: 10/07/2020 16:41:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061005 | .0025765 | .0042650 | -.001563 | -.000199 | .0575524 | .1397359 |
| Stddev | .0046815 | .0025220 | .0015546 | .000991  | .002044  | .0012232 | .0000601 |
| %RSD   | 76.73925 | 97.88593 | 36.44992 | 63.43920 | 1025.009 | 2.125390 | .0430106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023083 | .0009651 | .0034291 | -.001268 | -.001462 | .0574996 | .1397974 |
| #2 | .0046604 | .0054830 | .0060586 | -.002668 | -.001295 | .0563565 | .1396774 |
| #3 | .0113329 | .0012815 | .0033072 | -.000752 | .002159  | .0588012 | .1397329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002098 | -.000001 | 101.8728 | .0013637 | -.001668 | .0010587 | -.053853 |
| Stddev | .0000381 | .000041  | .1231    | .0005797 | .000164  | .0004676 | .008814  |
| %RSD   | 18.16442 | 7431.821 | .1208565 | 42.51235 | 9.836810 | 44.16190 | 16.36667 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002305 | .000001  | 101.7374 | .0006959 | -.001804 | .0007564 | -.054439 |
| #2 | .0002331 | -.000043 | 101.9032 | .0017385 | -.001714 | .0015973 | -.044760 |
| #3 | .0001658 | .000040  | 101.9780 | .0016567 | -.001485 | .0008226 | -.062359 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001506 | 38.31259 | -.000096 | .0001608 | 68.43838 | .0020353 | .0218634 |
| Stddev | .000304  | .13165   | .000049  | .0003312 | .16910   | .0012933 | .0026650 |
| %RSD   | 20.20274 | .3436147 | 50.94134 | 205.9731 | .2470870 | 63.54304 | 12.18950 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001276 | 38.16058 | -.000147 | .0001880 | 68.46822 | .0018370 | .0244332 |
| #2 | -.001851 | 38.38964 | -.000049 | -.000183 | 68.25634 | .0008527 | .0191124 |
| #3 | -.001391 | 38.38755 | -.000091 | .000478  | 68.59057 | .0034164 | .0220445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.613639 | .0253818 | .1524140 | .0004061 | 28.50682 | 12.24162 | -.005664 |
| Stddev | .053034  | .0018319 | .0025495 | .0005821 | .10459   | .13475   | .001176  |
| %RSD   | .8018851 | 7.217170 | 1.672761 | 143.3496 | .3668789 | 1.100714 | 20.76020 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.662997 | .0260615 | .1500198 | .0005927 | 28.51386 | 12.08813 | -.006606 |
| #2 | 6.557568 | .0267767 | .1521275 | .0008720 | 28.60770 | 12.29628 | -.004346 |
| #3 | 6.620351 | .0233073 | .1550947 | -.000246 | 28.39889 | 12.34045 | -.006038 |



Sample Name: L4210-03      Acquired: 10/07/2020 16:41:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS8D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002863 | .0226437 | .4633895 |
| Stddev | .000936  | .0015205 | .0005099 |
| %RSD   | 32.68840 | 6.714982 | .1100332 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002642 | .0222142 | .4631854 |
| #2 | -.003890 | .0243328 | .4630133 |
| #3 | -.002058 | .0213842 | .4639699 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1210.745 | 2062.217 | 31271.90 | 6865.690 | 1700.610 |
| Stddev    | 9.253    | .923     | 190.72   | 9.705    | 6.317    |
| %RSD      | .7642615 | .0447758 | .6098815 | .1413507 | .3714355 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1200.442 | 2063.052 | 31052.08 | 6873.865 | 1702.352 |
| #2 | 1213.445 | 2062.375 | 31393.48 | 6868.239 | 1705.873 |
| #3 | 1218.348 | 2061.225 | 31370.12 | 6854.965 | 1693.606 |

Sample Name: L4210-02LX5      Acquired: 10/07/2020 16:49:18      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS8L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007890 | .0042526 | .0015275 | .0003275 | -.001405 | .0116475 | .0264617 |
| Stddev | .0026096 | .0045753 | .0023737 | .0017736 | .001827  | .0016522 | .0002719 |
| %RSD   | 330.7539 | 107.5896 | 155.3951 | 541.5777 | 130.0142 | 14.18487 | 1.027527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002301 | .0069086 | .0033570 | .0012392 | -.002597 | .0110836 | .0267356 |
| #2 | .0036327 | .0068797 | .0023804 | .0014597 | .000698  | .0103511 | .0264575 |
| #3 | -.001496 | -.001031 | -.001155 | -.001716 | -.002317 | .0135078 | .0261918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001235 | -.000083 | 19.22339 | -.000178 | -.000798 | .0012695 | .0058530 |
| Stddev | .0000200 | .000092  | .03165   | .000119  | .000060  | .0017434 | .0005618 |
| %RSD   | 16.22677 | 110.4313 | .1646622 | 67.01689 | 7.470050 | 137.3313 | 9.599253 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001109 | .000001  | 19.24517 | -.000060 | -.000734 | -.000039 | .0064855 |
| #2 | .0001129 | -.000181 | 19.18708 | -.000175 | -.000809 | .003249  | .0054119 |
| #3 | .0001466 | -.000069 | 19.23793 | -.000298 | -.000851 | .000598  | .0056615 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000443 | 7.195744 | .0001664 | .0001767 | 12.78205 | -.000377 | .0059932 |
| Stddev | .0001081 | .044123  | .0003794 | .0002337 | .14329   | .001445  | .0022973 |
| %RSD   | 244.2286 | .6131812 | 228.0010 | 132.2537 | 1.121015 | 383.3285 | 38.33224 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000019 | 7.239654 | .0005982 | .0001388 | 12.61697 | -.001509 | .0066190 |
| #2 | -.000017 | 7.151411 | .0000143 | .0004270 | 12.87417 | .001250  | .0034478 |
| #3 | .000169  | 7.196165 | -.000113 | -.000036 | 12.85502 | -.000871 | .0079127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.202137 | .0015723 | .0288669 | .0001614 | 5.175194 | 2.276162 | -.003101 |
| Stddev | .032531  | .0007617 | .0007108 | .0001474 | .027260  | .008451  | .001380  |
| %RSD   | 2.706107 | 48.44771 | 2.462408 | 91.31897 | .5267407 | .3712612 | 44.51485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.194027 | .0009789 | .0292833 | .0002502 | 5.193223 | 2.268619 | -.004194 |
| #2 | 1.174428 | .0024313 | .0280461 | -.000009 | 5.188526 | 2.285294 | -.001550 |
| #3 | 1.237956 | .0013067 | .0292712 | .000243  | 5.143834 | 2.274571 | -.003558 |

Sample Name: L4210-02LX5      Acquired: 10/07/2020 16:49:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000941 | .0090067 | .0885008 |
| Stddev | .000578  | .0003256 | .0001095 |
| %RSD   | 61.40953 | 3.614958 | .1237561 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001072 | .0086949 | .0885823 |
| #2 | -.000309 | .0089807 | .0883763 |
| #3 | -.001441 | .0093445 | .0885438 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1202.798 | 2046.272 | 30879.91 | 6800.122 | 1697.870 |
| Stddev    | 5.054    | 1.677    | 175.37   | 20.965   | 4.762    |
| %RSD      | .4201805 | .0819295 | .5679242 | .3083076 | .2804665 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1197.974 | 2044.351 | 30741.37 | 6824.328 | 1700.624 |
| #2 | 1208.054 | 2047.024 | 31077.09 | 6787.727 | 1692.372 |
| #3 | 1202.368 | 2047.440 | 30821.27 | 6788.310 | 1700.615 |

Sample Name: L4210-05      Acquired: 10/07/2020 16:53:24      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077199 | .0051750 | .0044235 | -.004493 | -.001991 | .0516248 | .1371985 |
| Stddev | .0041096 | .0028488 | .0022300 | .002928  | .001857  | .0076736 | .0010488 |
| %RSD   | 53.23349 | 55.04888 | 50.41210 | 65.17031 | 93.26612 | 14.86408 | .7644443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0120332 | .0073702 | .0021937 | -.007389 | -.003173 | .0553702 | .1359962 |
| #2 | .0038500 | .0061989 | .0066537 | -.004554 | -.002951 | .0567065 | .1376739 |
| #3 | .0072765 | .0019558 | .0044231 | -.001535 | .000149  | .0427978 | .1379255 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001743 | .0000133 | 88.33894 | .0012400 | -.002018 | -.002183 | -.055114 |
| Stddev | .0000301 | .0001125 | .12420   | .0003515 | .000271  | .001720  | .011420  |
| %RSD   | 17.28426 | 847.9936 | .1405932 | 28.34365 | 13.43336 | 78.80249 | 20.72004 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001637 | .0000186 | 88.36064 | .0016439 | -.002183 | -.000880 | -.042057 |
| #2 | .0001509 | .0001230 | 88.45086 | .0010718 | -.002166 | -.004133 | -.060045 |
| #3 | .0002083 | -.000102 | 88.20532 | .0010042 | -.001705 | -.001536 | -.063240 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001042 | 32.29539 | .0002063 | .0000463 | 47.32596 | -.000716 | .0068716 |
| Stddev | .000324  | .06513   | .0002285 | .0003953 | .48872   | .001680  | .0017677 |
| %RSD   | 31.05900 | .2016782 | 110.7470 | 853.2587 | 1.032673 | 234.6481 | 25.72449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000805 | 32.26693 | .0000766 | .0000231 | 47.85589 | -.002168 | .0049028 |
| #2 | -.000911 | 32.24932 | .0000722 | -.000337 | 46.89298 | .001125  | .0083225 |
| #3 | -.001411 | 32.36991 | .0004701 | .000453  | 47.22901 | -.001106 | .0073895 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.080258 | .0266455 | .1084990 | -.000052 | 19.62883 | 11.70393 | -.006250 |
| Stddev | .031607  | .0015641 | .0017290 | .000117  | .11630   | .14194   | .001560  |
| %RSD   | .5198337 | 5.869880 | 1.593529 | 225.2624 | .5925132 | 1.212786 | 24.95300 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.103244 | .0277226 | .1103997 | .000057  | 19.52401 | 11.82615 | -.004993 |
| #2 | 6.044214 | .0273624 | .1070196 | -.000175 | 19.60853 | 11.54824 | -.005763 |
| #3 | 6.093315 | .0248515 | .1080778 | -.000037 | 19.75394 | 11.73739 | -.007995 |

Sample Name: L4210-05      Acquired: 10/07/2020 16:53:24      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWT0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002707 | .0176958 | .3895476 |
| Stddev | .000654  | .0007419 | .0006269 |
| %RSD   | 24.16213 | 4.192717 | .1609365 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002803 | .0169008 | .3890162 |
| #2 | -.002010 | .0183697 | .3893876 |
| #3 | -.003307 | .0178170 | .3902390 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1228.015 | 2089.624 | 31646.64 | 6960.312 | 1728.029 |
| Stddev    | 6.003    | 5.938    | 114.75   | 41.973   | 2.569    |
| %RSD      | .4888239 | .2841452 | .3625862 | .6030387 | .1486663 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1234.650 | 2095.571 | 31769.25 | 6937.615 | 1725.307 |
| #2 | 1222.961 | 2089.605 | 31628.83 | 7008.747 | 1730.411 |
| #3 | 1226.433 | 2083.695 | 31541.84 | 6934.574 | 1728.370 |

Sample Name: L4210-06      Acquired: 10/07/2020 16:57:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057613 | .0051859 | .0045991 | -.001879 | -.001230 | .0355327 | .1184073 |
| Stddev | .0013274 | .0019726 | .0007276 | .002047  | .002575  | .0057270 | .0005673 |
| %RSD   | 23.04071 | 38.03839 | 15.82024 | 108.9472 | 209.3056 | 16.11760 | .4790919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0042834 | .0029904 | .0039213 | -.000494 | .001444  | .0357659 | .1177522 |
| #2 | .0061482 | .0057580 | .0053679 | -.004230 | -.003694 | .0411395 | .1187344 |
| #3 | .0068522 | .0068092 | .0045079 | -.000913 | -.001441 | .0296926 | .1187352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002379 | .0000472 | 86.13198 | .0014307 | -.001456 | .0070197 | .8327571 |
| Stddev | .0000540 | .0000057 | .13241   | .0004394 | .000202  | .0033074 | .0114150 |
| %RSD   | 22.71738 | 12.16198 | .1537253 | 30.71469 | 13.85880 | 47.11523 | 1.370741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001954 | .0000436 | 86.04785 | .0009567 | -.001689 | .0032367 | .8410009 |
| #2 | .0002987 | .0000442 | 86.28460 | .0018245 | -.001345 | .0084580 | .8375419 |
| #3 | .0002195 | .0000538 | 86.06348 | .0015109 | -.001334 | .0093644 | .8197284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062697 | 30.77718 | .0003011 | -.000271 | 46.14635 | .0027561 | .0146750 |
| Stddev | .0001866 | .11950   | .0000555 | .000530  | .27088   | .0010095 | .0019968 |
| %RSD   | 2.976134 | .3882614 | 18.43170 | 195.5739 | .5869956 | 36.62982 | 13.60676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062832 | 30.90720 | .0003332 | -.000846 | 45.85036 | .0018457 | .0123862 |
| #2 | .0060767 | 30.75217 | .0003332 | -.000164 | 46.38192 | .0038418 | .0160609 |
| #3 | .0064491 | 30.67216 | .0002370 | .000197  | 46.20676 | .0025806 | .0155779 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.884777 | .0223286 | .1061097 | -.000110 | 18.31453 | 11.74872 | -.005562 |
| Stddev | .019143  | .0027089 | .0003984 | .000173  | .08856   | .09641   | .002150  |
| %RSD   | .3253051 | 12.13178 | .3754186 | 157.3647 | .4835341 | .8206262 | 38.66502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.889910 | .0218631 | .1056669 | -.000113 | 18.22022 | 11.84088 | -.004836 |
| #2 | 5.900830 | .0198827 | .1064390 | -.000282 | 18.39592 | 11.75672 | -.003868 |
| #3 | 5.863590 | .0252401 | .1062232 | .000065  | 18.32745 | 11.64855 | -.007981 |

Sample Name: L4210-06      Acquired: 10/07/2020 16:57:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002033 | .0172764 | .3743152 |
| Stddev | .000659  | .0019406 | .0007533 |
| %RSD   | 32.43708 | 11.23279 | .2012367 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002259 | .0180622 | .3740770 |
| #2 | -.001290 | .0187008 | .3751588 |
| #3 | -.002549 | .0150661 | .3737099 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1234.853 | 2098.816 | 31736.51 | 6944.708 | 1732.265 |
| Stddev    | 8.242    | 2.212    | 156.65   | 19.570   | 2.283    |
| %RSD      | .6674746 | .1054124 | .4936009 | .2817926 | .1318178 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1243.340 | 2097.047 | 31894.79 | 6927.487 | 1732.838 |
| #2 | 1234.339 | 2098.104 | 31733.20 | 6940.649 | 1729.749 |
| #3 | 1226.880 | 2101.296 | 31581.54 | 6965.989 | 1734.207 |

Sample Name: L4210-07      Acquired: 10/07/2020 17:01:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWX4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055110 | .0052329 | .0113031 | -.000772 | -.001497 | 5.186854 | .1370058 |
| Stddev | .0042938 | .0010027 | .0016826 | .000899  | .000136  | .011081  | .0001142 |
| %RSD   | 77.91327 | 19.16226 | 14.88655 | 116.3842 | 9.108036 | .2136276 | .0833467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035098 | .0041137 | .0119768 | -.000905 | -.001510 | 5.193777 | .1370873 |
| #2 | .0025831 | .0060495 | .0125445 | .000186  | -.001354 | 5.192712 | .1370549 |
| #3 | .0104401 | .0055353 | .0093880 | -.001597 | -.001626 | 5.174075 | .1368753 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006326 | .0002804 | 88.88522 | .0258419 | .0029344 | .0065420 | 13.29534 |
| Stddev | .0001056 | .0000450 | .32267   | .0002970 | .0001342 | .0014569 | .05929   |
| %RSD   | 16.69447 | 16.04555 | .3630228 | 1.149509 | 4.574330 | 22.26933 | .4459570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005141 | .0002565 | 88.97974 | .0261825 | .0029892 | .0055735 | 13.30302 |
| #2 | .0007168 | .0003322 | 89.15008 | .0256366 | .0030327 | .0058351 | 13.35041 |
| #3 | .0006668 | .0002524 | 88.52584 | .0257065 | .0027815 | .0082175 | 13.23258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5786905 | 25.86675 | .0120895 | -.000229 | 49.77398 | .0053063 | .0497887 |
| Stddev | .0036852 | .05909   | .0002873 | .000256  | .39158   | .0008697 | .0015164 |
| %RSD   | .6368157 | .2284253 | 2.376393 | 111.7501 | .7867162 | 16.38990 | 3.045612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5775247 | 25.80561 | .0122550 | -.000276 | 49.51412 | .0046190 | .0509031 |
| #2 | .5828176 | 25.92354 | .0117578 | .000047  | 50.22436 | .0062841 | .0504010 |
| #3 | .5757291 | 25.87110 | .0122558 | -.000458 | 49.58345 | .0050159 | .0480619 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.99961 | .2456447 | .1018913 | .0360604 | 15.23623 | 16.46322 | -.004331 |
| Stddev | .15241   | .0011606 | .0026090 | .0005647 | .05947   | .10157   | .002109  |
| %RSD   | .7620503 | .4724697 | 2.560623 | 1.565995 | .3903089 | .6169259 | 48.70492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 19.90394 | .2443058 | .1043047 | .0364502 | 15.21533 | 16.41475 | -.004051 |
| #2 | 20.17536 | .2462644 | .1022462 | .0354128 | 15.19002 | 16.57994 | -.002376 |
| #3 | 19.91952 | .2463640 | .0991230 | .0363182 | 15.30332 | 16.39498 | -.006567 |



Sample Name: L4210-07      Acquired: 10/07/2020 17:01:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWX4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0631022 | .1576284 | .3040636 |
| Stddev | .0023528 | .0017677 | .0013531 |
| %RSD   | 3.728518 | 1.121449 | .4450089 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0654022 | .1577145 | .3037475 |
| #2 | .0632044 | .1593515 | .3055468 |
| #3 | .0607000 | .1558192 | .3028965 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1238.793 | 2098.304 | 31867.21 | 6994.708 | 1710.818 |
| Stddev    | 4.884    | 1.328    | 45.64    | 42.872   | 4.666    |
| %RSD      | .3942165 | .0632890 | .1432341 | .6129199 | .2727467 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1236.029 | 2099.803 | 31890.36 | 7015.172 | 1711.369 |
| #2 | 1244.431 | 2097.830 | 31814.63 | 6945.438 | 1705.901 |
| #3 | 1235.917 | 2097.277 | 31896.65 | 7023.513 | 1715.185 |

Sample Name: L4210-04      Acquired: 10/07/2020 17:05:34      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MJLWS8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0436928 | .0521281 | .0235520 | .0551418 | .0923460 | 2.022324 | 2.161304 |
| Stddev | .0040336 | .0012927 | .0023900 | .0043027 | .0018312 | .017095  | .002673  |
| %RSD   | 9.231676 | 2.479791 | 10.14762 | 7.803024 | 1.982948 | .8453212 | .1236891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0480186 | .0507507 | .0242710 | .0554162 | .0937114 | 2.041542 | 2.164031 |
| #2 | .0400347 | .0523186 | .0254999 | .0507085 | .0930614 | 2.008811 | 2.158687 |
| #3 | .0430252 | .0533149 | .0208850 | .0593008 | .0902651 | 2.016618 | 2.161195 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510808 | .0507346 | 100.7222 | .2162846 | .5018958 | .2191860 | 1.007492 |
| Stddev | .0001903 | .0001661 | .0465    | .0012313 | .0014809 | .0021289 | .019628  |
| %RSD   | .3724802 | .3274306 | .0462074 | .5692968 | .2950597 | .9712682 | 1.948166 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0512236 | .0505430 | 100.7713 | .2154975 | .5007684 | .2187022 | .985558  |
| #2 | .0508648 | .0508377 | 100.6788 | .2177035 | .5013461 | .2173407 | 1.013518 |
| #3 | .0511539 | .0508231 | 100.7163 | .2156527 | .5035730 | .2215152 | 1.023400 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4983035 | 38.01859 | .5101728 | .0504720 | 67.61749 | .5118686 | .5684776 |
| Stddev | .0011891 | .18115   | .0013510 | .0002654 | .50269   | .0077678 | .0021498 |
| %RSD   | .2386369 | .4764844 | .2648032 | .5258145 | .7434256 | 1.517546 | .3781736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4974430 | 38.01141 | .5086189 | .0507731 | 68.13000 | .5082696 | .5665575 |
| #2 | .4996604 | 38.20323 | .5110692 | .0503708 | 67.12524 | .5065531 | .5680752 |
| #3 | .4978070 | 37.84114 | .5108301 | .0502721 | 67.59722 | .5207833 | .5708003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.556986 | .0304509 | .1497116 | -.000456 | 28.36278 | 12.03241 | -.004904 |
| Stddev | .034104  | .0025996 | .0012803 | .000283  | .10527   | .07812   | .001925  |
| %RSD   | .5201204 | 8.537094 | .8551664 | 62.14733 | .3711559 | .6492288 | 39.25499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.518249 | .0304552 | .1482816 | -.000783 | 28.33000 | 12.06664 | -.003183 |
| #2 | 6.570217 | .0278490 | .1501018 | -.000298 | 28.48054 | 11.94302 | -.006982 |
| #3 | 6.582492 | .0330483 | .1507513 | -.000286 | 28.27780 | 12.08757 | -.004545 |

Sample Name: L4210-04      Acquired: 10/07/2020 17:05:34      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MJLWS8S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002752 | .0219451 | .4582435 |
| Stddev | .000451  | .0016295 | .0003859 |
| %RSD   | 16.39909 | 7.425331 | .0842119 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002411 | .0201185 | .4581699 |
| #2 | -.002581 | .0232496 | .4578997 |
| #3 | -.003264 | .0224671 | .4586609 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1204.031 | 2053.163 | 31123.83 | 6854.963 | 1690.729 |
| Stddev    | 11.199   | 5.569    | 188.42   | 21.869   | 2.938    |
| %RSD      | .9301436 | .2712350 | .6053807 | .3190266 | .1737827 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1203.562 | 2047.054 | 31235.88 | 6855.757 | 1688.904 |
| #2 | 1193.074 | 2057.956 | 30906.29 | 6832.708 | 1694.119 |
| #3 | 1215.458 | 2054.479 | 31229.31 | 6876.424 | 1689.165 |

Sample Name: CCV022      Acquired: 10/07/2020 17:10:10      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV022      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.845931 | 5.002426 | 24.78841 | 4.745083 | 4.870870 | 386.0180 | 10.10111 |
| Stddev | .029006  | .007023  | .03068   | .007028  | .004037  | 2.0898   | .00606   |
| %RSD   | .5985698 | .1403917 | .1237719 | .1481105 | .0828761 | .5413801 | .0599769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.861720 | 4.999064 | 24.75735 | 4.746519 | 4.875250 | 386.4138 | 10.10661 |
| #2 | 4.812456 | 4.997717 | 24.78919 | 4.751283 | 4.867300 | 383.7586 | 10.10210 |
| #3 | 4.863618 | 5.010498 | 24.81870 | 4.737449 | 4.870060 | 387.8816 | 10.09462 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4974758 | 2.495016 | 403.2340 | 15.40930 | 2.513630 | 15.02775 | 394.4762 |
| Stddev | .0029228 | .002928  | .8657    | .01538   | .002885  | .01049   | 1.3019   |
| %RSD   | .5875179 | .1173683 | .2146919 | .0998249 | .1147549 | .0698177 | .3300333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4941090 | 2.491655 | 404.2333 | 15.41791 | 2.510399 | 15.02561 | 395.9441 |
| #2 | .4989560 | 2.497021 | 402.7118 | 15.39154 | 2.515946 | 15.03915 | 393.4614 |
| #3 | .4993623 | 2.496370 | 402.7568 | 15.41845 | 2.514544 | 15.01849 | 394.0230 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.90361 | 388.4391 | 2.488923 | 1.269113 | 387.7421 | 2.491196 | 14.73096 |
| Stddev | .03213   | .8159    | .004178  | .001160  | .9102    | .009184  | .16325   |
| %RSD   | .2156107 | .2100345 | .1678680 | .0913881 | .2347491 | .3686529 | 1.108191 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.93880 | 389.3741 | 2.486569 | 1.270446 | 386.7923 | 2.486856 | 14.79514 |
| #2 | 14.89621 | 387.8718 | 2.486452 | 1.268559 | 387.8273 | 2.484987 | 14.54537 |
| #3 | 14.87583 | 388.0713 | 2.493746 | 1.268334 | 388.6067 | 2.501746 | 14.85236 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.4257 | 5.170953 | 4.982199 | 4.894376 | 5.075294 | 4.956524 | 5.078021 |
| Stddev | .3781    | .025940  | .025857  | .012463  | .016615  | .029360  | .014126  |
| %RSD   | .2432366 | .5016548 | .5189954 | .2546423 | .3273682 | .5923512 | .2781736 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 155.0032 | 5.171523 | 4.952568 | 4.903399 | 5.060419 | 4.922930 | 5.064677 |
| #2 | 155.5421 | 5.144733 | 4.993836 | 4.880155 | 5.072238 | 4.969372 | 5.076569 |
| #3 | 155.7319 | 5.196604 | 5.000194 | 4.899574 | 5.093224 | 4.977270 | 5.092816 |

Sample Name: CCV022      Acquired: 10/07/2020 17:10:10      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV022      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.980059 | 5.052340 | 5.045256 |
| Stddev | .004555  | .002174  | .034656  |
| %RSD   | .0914618 | .0430303 | .6869107 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.975721 | 5.050713 | 5.041898 |
| #2 | 4.984803 | 5.054809 | 5.012401 |
| #3 | 4.979653 | 5.051498 | 5.081469 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1017.354 | 1765.811 | 28390.81 | 6496.693 | 1426.029 |
| Stddev    | 10.704   | 6.367    | 145.47   | 12.961   | 1.451    |
| %RSD      | 1.052185 | .3605657 | .5123984 | .1994969 | .1017320 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1009.911 | 1760.858 | 28227.45 | 6486.687 | 1426.699 |
| #2 | 1029.622 | 1772.993 | 28506.37 | 6511.334 | 1427.024 |
| #3 | 1012.530 | 1763.583 | 28438.60 | 6492.058 | 1424.364 |

Sample Name: CCB022      Acquired: 10/07/2020 17:14:15      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB022      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030305 | .0030615 | .0009622 | -.000077 | -.000059 | .0190202 | .0003729 |
| Stddev | .0028858 | .0017419 | .0026418 | .001505  | .002174  | .0077184 | .0001772 |
| %RSD   | 95.22401 | 56.89872 | 274.5624 | 1966.660 | 3700.670 | 40.58008 | 47.50942 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046246 | .0017540 | .0030333 | -.001259 | .001061  | .0168711 | .0002536 |
| #2 | -.000301 | .0050389 | -.002013 | .001618  | -.002564 | .0275854 | .0002887 |
| #3 | .004768  | .0023915 | .001866  | -.000588 | .001327  | .0126041 | .0005765 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001308 | .0002383 | .0169907 | .0013025 | .0001029 | .0220823 | .0497796 |
| Stddev | .0000240 | .0000843 | .0118377 | .0004053 | .0001170 | .0031023 | .0192211 |
| %RSD   | 18.39010 | 35.38733 | 69.67130 | 31.11813 | 113.6266 | 14.04861 | 38.61230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001302 | .0002512 | .0296906 | .0012716 | -.000012 | .0250128 | .0636276 |
| #2 | .0001070 | .0001482 | .0150187 | .0009135 | .000222  | .0224010 | .0578764 |
| #3 | .0001551 | .0003154 | .0062629 | .0017223 | .000099  | .0188329 | .0278349 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021852 | .0500299 | .0000223 | -.000056 | .3750477 | -.000638 | .0060631 |
| Stddev | .0001624 | .0139642 | .0003199 | .000138  | .2015335 | .002654  | .0015772 |
| %RSD   | 7.430574 | 27.91164 | 1435.086 | 247.9255 | 53.73544 | 415.8569 | 26.01346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023312 | .0586477 | .0001911 | -.000214 | .1946092 | -.001744 | .0078834 |
| #2 | .0022141 | .0339186 | -.000347 | .000013  | .5925352 | .002390  | .0052017 |
| #3 | .0020103 | .0575235 | .000222  | .000034  | .3379986 | -.002560 | .0051041 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1933400 | -.002963 | .0135318 | .0014065 | -.006037 | .0003699 | .0019680 |
| Stddev | .0471039 | .001155  | .0009678 | .0002980 | .006554  | .0012136 | .0003163 |
| %RSD   | 24.36324 | 38.98774 | 7.151696 | 21.18575 | 108.5548 | 328.1208 | 16.07317 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1483291 | -.002435 | .0127824 | .0016473 | -.002297 | -.000089 | .0016173 |
| #2 | .1894013 | -.002166 | .0146244 | .0010733 | -.013605 | .001746  | .0022319 |
| #3 | .2422896 | -.004287 | .0131887 | .0014988 | -.002210 | -.000547 | .0020547 |

Sample Name: CCB022      Acquired: 10/07/2020 17:14:15      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1289)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB022      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000409 | .0128163 | .0001519 |
| Stddev | .000978  | .0010095 | .0000538 |
| %RSD   | 238.9929 | 7.876992 | 35.43831 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000059 | .0128525 | .0001828 |
| #2 | .000345  | .0138073 | .0001832 |
| #3 | -.001514 | .0117892 | .0000898 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1197.271 | 2022.678 | 30682.21 | 6713.144 | 1667.627 |
| Stddev    | 8.417    | 2.315    | 137.72   | 30.823   | 2.762    |
| %RSD      | .7030074 | .1144306 | .4488462 | .4591378 | .1655993 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1194.968 | 2024.387 | 30620.70 | 6740.113 | 1665.627 |
| #2 | 1206.599 | 2020.044 | 30839.96 | 6719.773 | 1670.778 |
| #3 | 1190.245 | 2023.603 | 30585.96 | 6679.547 | 1666.478 |