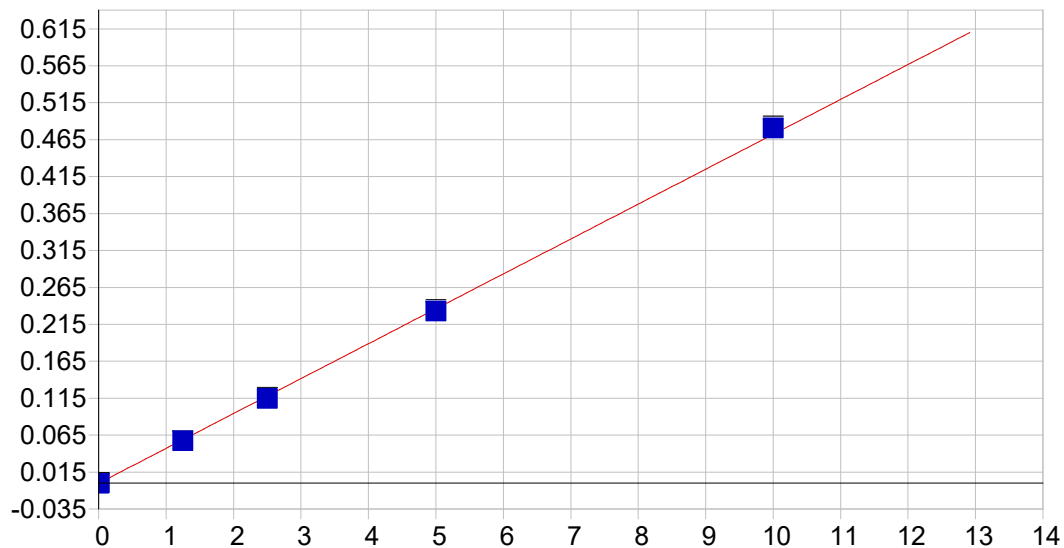


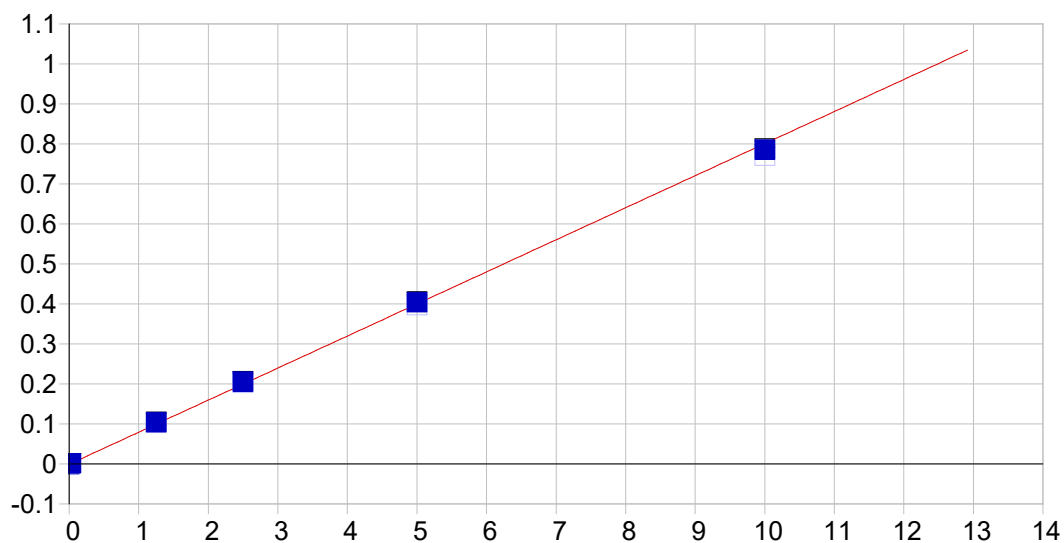


**As 189.042 {479}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000232 Re-Slope: 1.000000  
 A1 (Gain): 0.047248 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999813 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.003860  
 Predicted MQL: 0.012866

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .01000       | .01131      | .001       | 13.1    | .00030  | .000    | 1        |
| S2        | 1.2500       | 1.2146      | -.035      | -2.83   | .05732  | .000    | 1        |
| S3        | 2.5000       | 2.4295      | -.070      | -2.82   | .11488  | .001    | 1        |
| S4        | 5.0000       | 4.9321      | -.068      | -1.36   | .23344  | .001    | 1        |
| S5        | 10.000       | 10.172      | .172       | 1.72    | .48169  | .002    | 1        |

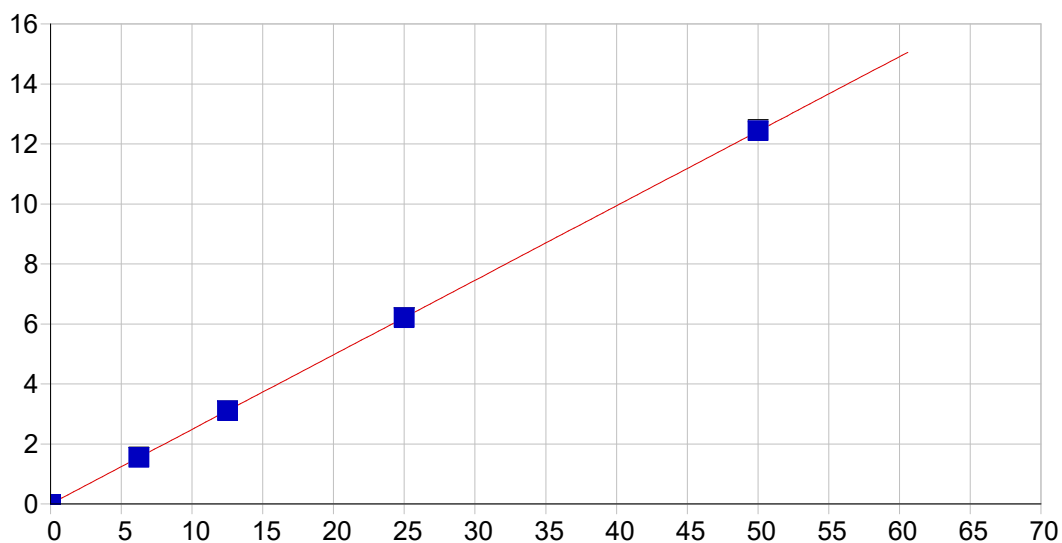


TI 190.856 {477}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000898 Re-Slope: 1.000000  
 A1 (Gain): 0.080165 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999690 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.002647  
 Predicted MQL: 0.008822

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00090 | .000    | 1        |
| S1        | .02500       | .03171      | .007       | 26.8    | .00156  | .000    | 1        |
| S2        | 1.2500       | 1.3079      | .058       | 4.63    | .10210  | .001    | 1        |
| S3        | 2.5000       | 2.5779      | .078       | 3.12    | .20206  | .000    | 1        |
| S4        | 5.0000       | 5.0516      | .052       | 1.03    | .39668  | .001    | 1        |
| S5        | 10.000       | 9.8060      | -.194      | -1.94   | .77042  | .003    | 1        |

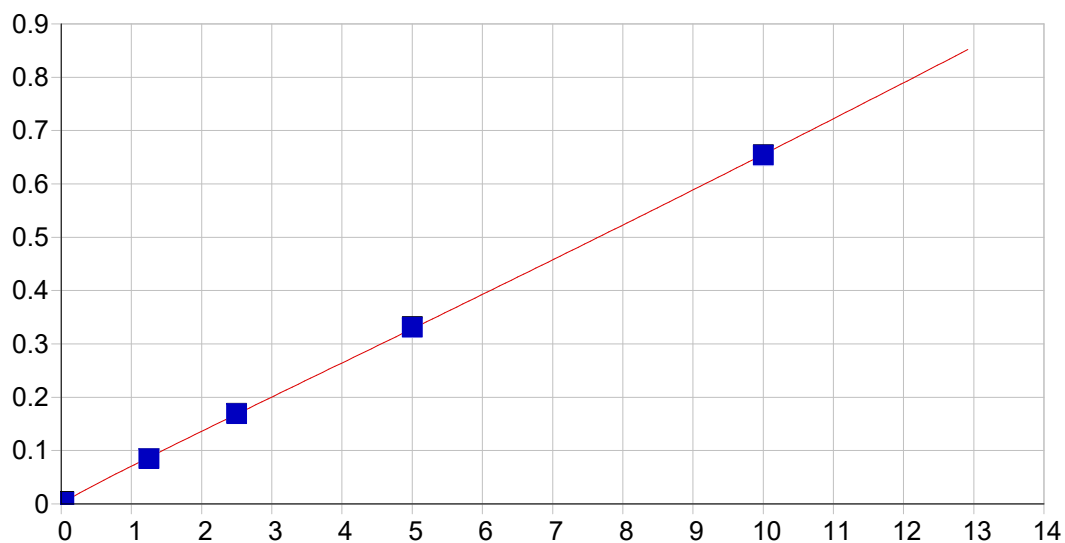


### Pb 220.353 {453}

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000318 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.248451 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999995 | Status:   | OK.      |
| Std Error of Est: | 0.000029 |           |          |
| Predicted MDL:    | 0.001786 |           |          |
| Predicted MQL:    | 0.005954 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00032 | .000    | 1        |
| S1        | .01000       | .01275      | .003       | 27.5    | .00349 | .000    | 1        |
| S2        | 6.2500       | 6.2429      | -.007      | -.113   | 1.5512 | .005    | 1        |
| S3        | 12.500       | 12.482      | -.018      | -.147   | 3.1011 | .003    | 1        |
| S4        | 25.000       | 24.966      | -.034      | -.136   | 6.2025 | .005    | 1        |
| S5        | 50.000       | 50.057      | .057       | .113    | 12.436 | .029    | 1        |

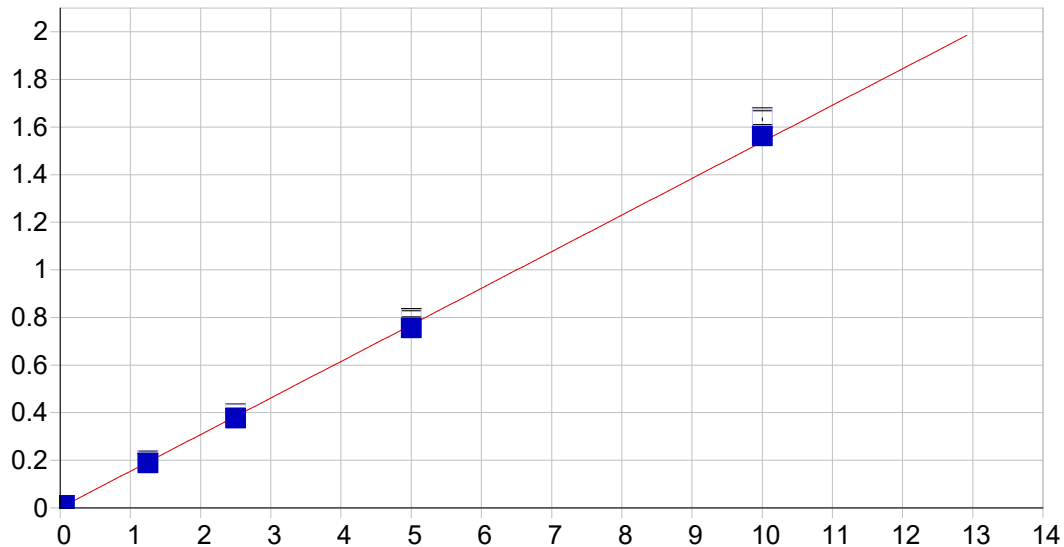


Se 196.090 {472}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Full Fit Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.000392 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.069579 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000862 |           |                            |
| n (Exponent):     | 0.930000 |           |                            |
| Correlation:      | 0.999929 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000035 |           |                            |
| Predicted MDL:    | 0.003024 |           |                            |
| Predicted MQL:    | 0.010080 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .03500       | .03973      | .005       | 13.5    | .00386 | .000    | 1        |
| S2        | 1.2500       | 1.2102      | -.040      | -3.19   | .08448 | .000    | 1        |
| S3        | 2.5000       | 2.5136      | .014       | .544    | .16868 | .001    | 1        |
| S4        | 5.0000       | 5.0412      | .041       | .824    | .33015 | .001    | 1        |
| S5        | 10.000       | 9.9807      | -.019      | -.193   | .65191 | .001    | 1        |

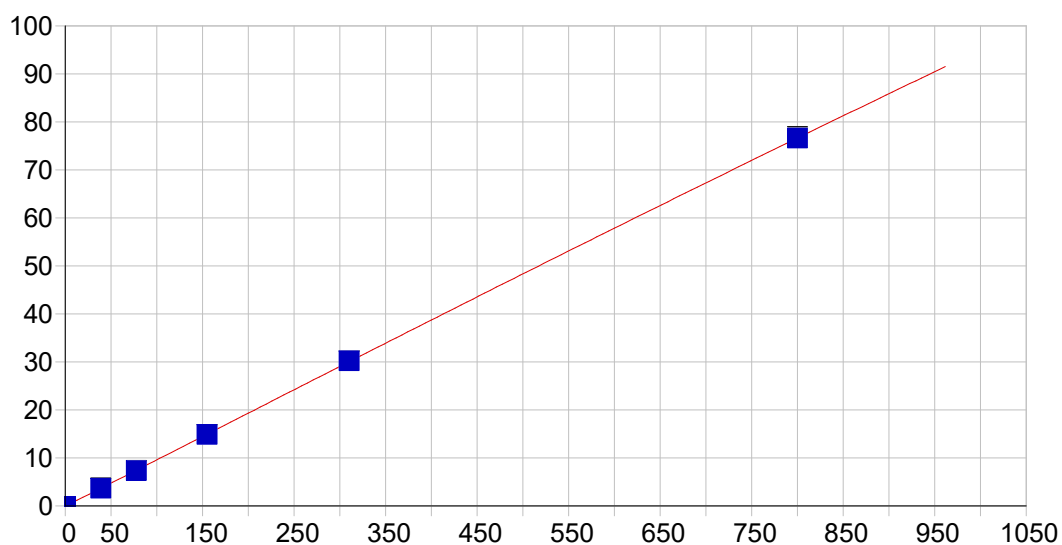


**Sb 206.833 {463}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000563 Re-Slope: 1.000000  
 A1 (Gain): 0.153710 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999817 Status: OK.  
 Std Error of Est: 0.000127  
 Predicted MDL: 0.001917  
 Predicted MQL: 0.006390

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00056 | .000    | 1        |
| S1        | .06000       | .06977      | .010       | 16.3    | .01130 | .000    | 1        |
| S2        | 1.2500       | 1.2203      | -.030      | -2.38   | .19698 | .001    | 1        |
| S3        | 2.5000       | 2.4441      | -.056      | -2.24   | .39394 | .002    | 1        |
| S4        | 5.0000       | 4.9158      | -.084      | -1.68   | .79156 | .004    | 1        |
| S5        | 10.000       | 10.160      | .160       | 1.60    | 1.6331 | .006    | 1        |

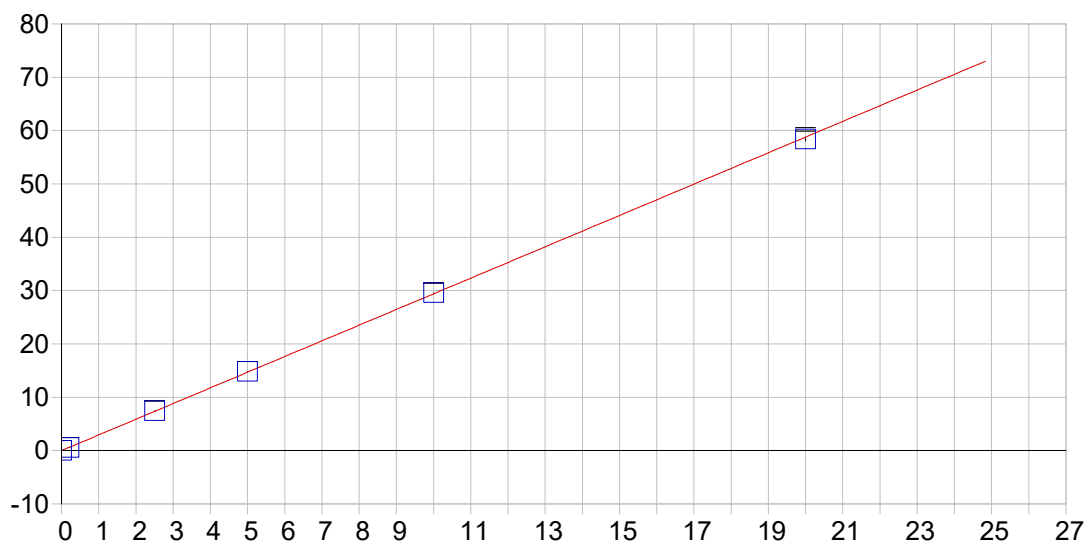


AI 396.152 { 85}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.003176 Re-Slope: 1.000000  
 A1 (Gain): 0.087915 Y-int: 0.000000  
 A2 (Curvature): -0.000004  
 n (Exponent): 1.020000  
 Correlation: 0.999987 Status: OK.  
 Std Error of Est: 0.000398  
 Predicted MDL: 0.010564  
 Predicted MQL: 0.035215

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00317 | .000    | 1        |
| S1        | .20000       | .25617      | .056       | 28.1    | .02539 | .000    | 1        |
| S2        | 38.750       | 39.015      | .265       | .684    | 3.6928 | .009    | 1        |
| S3        | 77.500       | 76.958      | -.542      | -.700   | 7.3648 | .016    | 1        |
| S4        | 155.00       | 153.90      | -1.10      | -.709   | 14.864 | .019    | 1        |
| S5        | 310.00       | 311.74      | 1.74       | .561    | 30.249 | .033    | 1        |
| S6        | 800.00       | 799.57      | -.430      | -.054   | 76.639 | .270    | 1        |

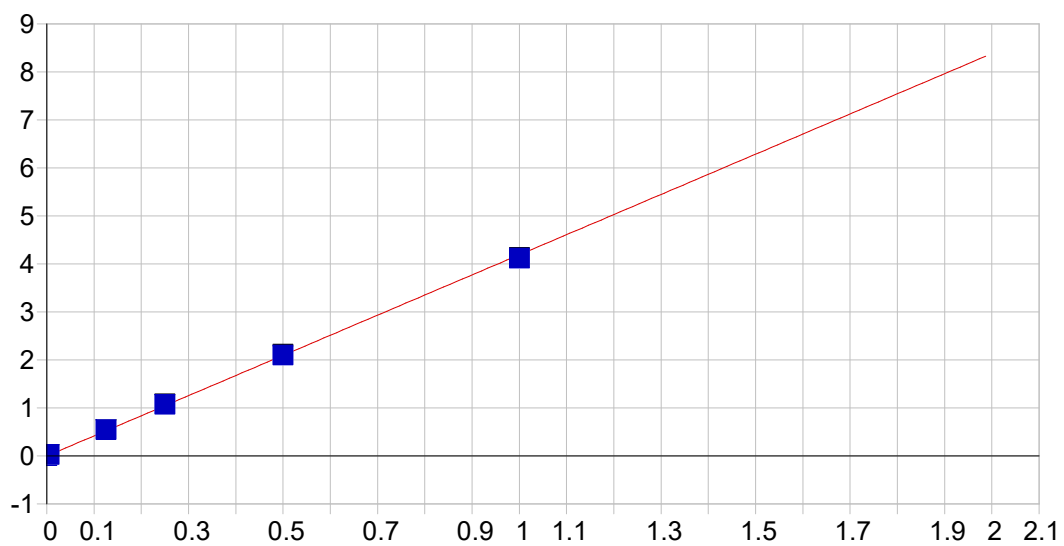


**Ba 493.409 { 68}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004411 Re-Slope: 1.000000  
 A1 (Gain): 2.939418 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999959 Status: OK.  
 Std Error of Est: 0.002820  
 Predicted MDL: 0.000920  
 Predicted MQL: 0.003068

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00439 | .001    | 1        |
| S1        | .20000       | .18759      | -.012      | -6.20   | .54701  | .000    | 1        |
| S2        | 2.5000       | 2.5330      | .033       | 1.32    | 7.4413  | .008    | 1        |
| S3        | 5.0000       | 5.0496      | .050       | .991    | 14.838  | .019    | 1        |
| S4        | 10.000       | 10.066      | .066       | .664    | 29.585  | .030    | 1        |
| S5        | 20.000       | 19.863      | -.137      | -.683   | 58.382  | .333    | 1        |



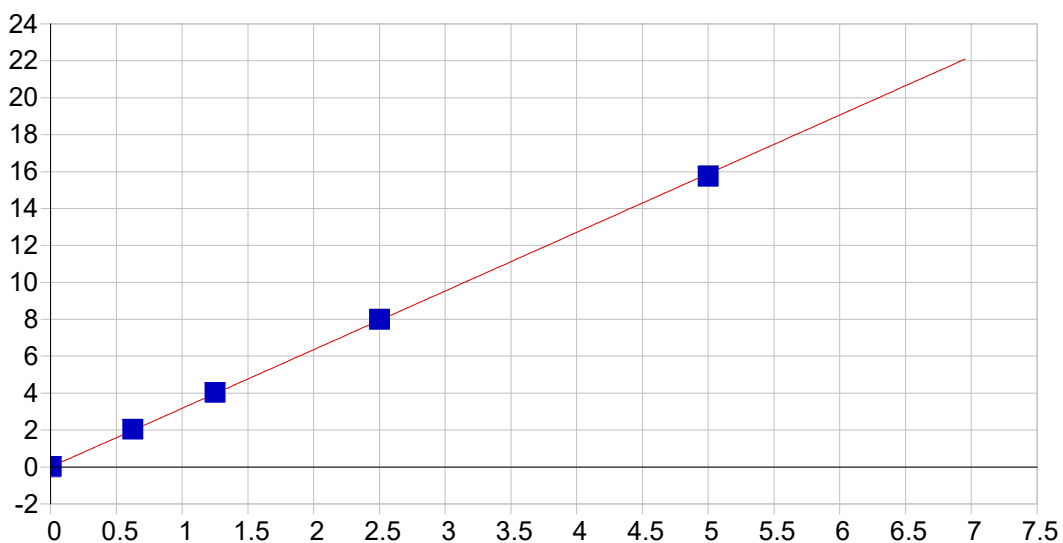
Be 234.861 {144}

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001870 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 4.191887  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999695  | Status:   | OK.      |
| Std Error of Est: | 0.000387  |           |          |
| Predicted MDL:    | 0.000084  |           |          |
| Predicted MQL:    | 0.000279  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00188 | .000    | 1        |
| S1        | .00500       | .00646      | .001       | 29.1    | .02518  | .000    | 1        |
| S2        | .12500       | .13065      | .006       | 4.52    | .54407  | .002    | 1        |
| S3        | .25000       | .25692      | .007       | 2.77    | 1.0716  | .007    | 1        |
| S4        | .50000       | .50208      | .002       | .415    | 2.0958  | .014    | 1        |
| S5        | 1.0000       | .98389      | -.016      | -1.61   | 4.1086  | .013    | 1        |



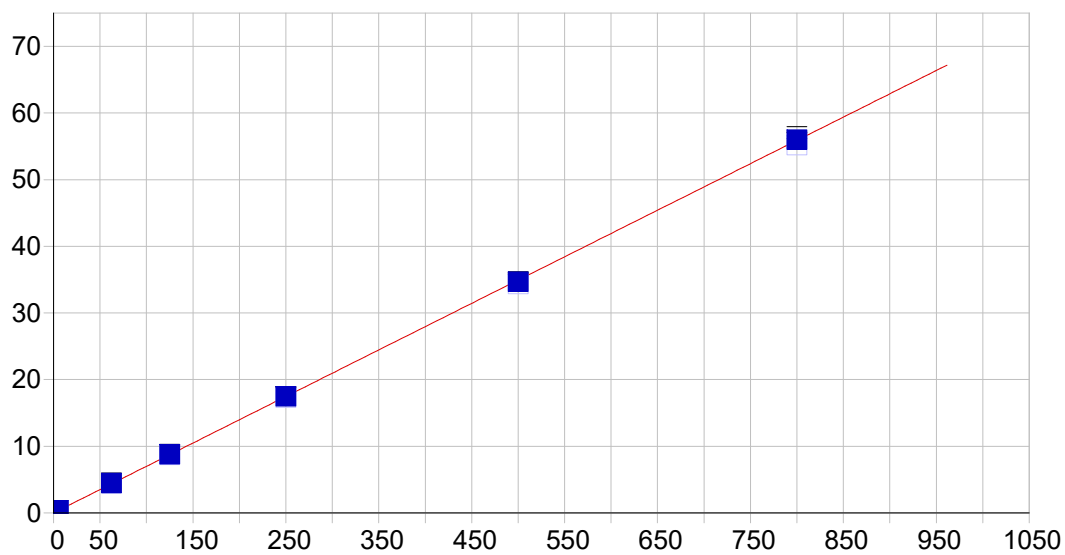


**Cd 214.438 {457}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000103 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.177500 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999929 | Status:   | OK.      |
| Std Error of Est: | 0.000319 |           |          |
| Predicted MDL:    | 0.000097 |           |          |
| Predicted MQL:    | 0.000322 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .00500       | .00607      | .001       | 21.5    | .01941 | .000    | 1        |
| S2        | .62500       | .63936      | .014       | 2.30    | 2.0347 | .005    | 1        |
| S3        | 1.2500       | 1.2679      | .018       | 1.43    | 4.0349 | .004    | 1        |
| S4        | 2.5000       | 2.5139      | .014       | .558    | 8.0004 | .008    | 1        |
| S5        | 5.0000       | 4.9527      | -.047      | -.945   | 15.762 | .020    | 1        |

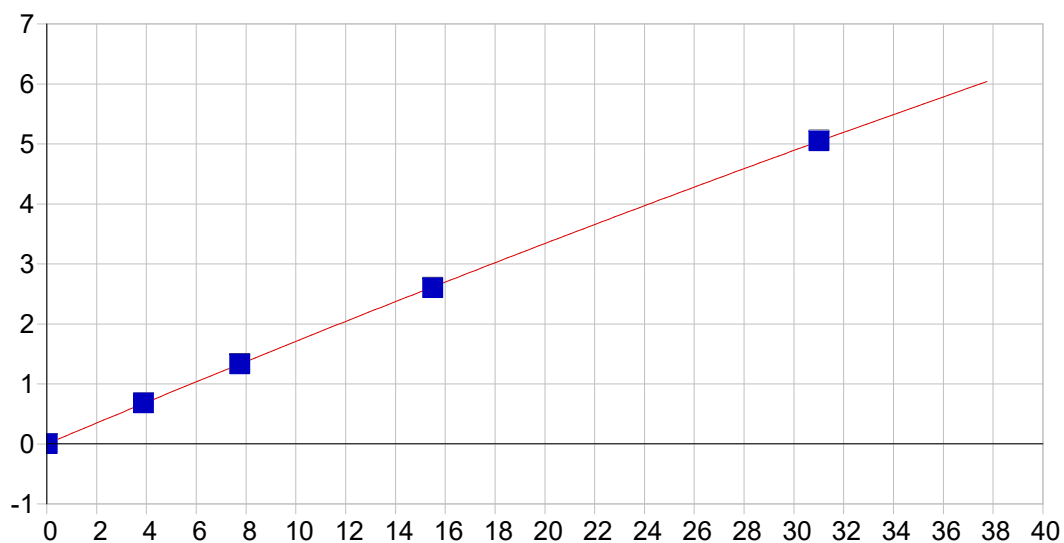


Ca 373.690 { 90}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001667 Re-Slope: 1.000000  
 A1 (Gain): 0.069873 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.002803  
 Predicted MDL: 0.012100  
 Predicted MQL: 0.040333

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00100     | -.001      | .000    | .00160 | .001    | 1        |
| S1        | 5.0000       | 5.9194      | .919       | 18.4    | .41517 | .001    | 1        |
| S2        | 62.500       | 63.662      | 1.16       | 1.86    | 4.4109 | .008    | 1        |
| S3        | 125.00       | 125.64      | .644       | .515    | 8.7027 | .010    | 1        |
| S4        | 250.00       | 249.86      | -.137      | -.055   | 17.304 | .009    | 1        |
| S5        | 500.00       | 495.93      | -4.07      | -.814   | 34.341 | .022    | 1        |
| S6        | 800.00       | 801.48      | 1.48       | .185    | 55.170 | .460    | 1        |

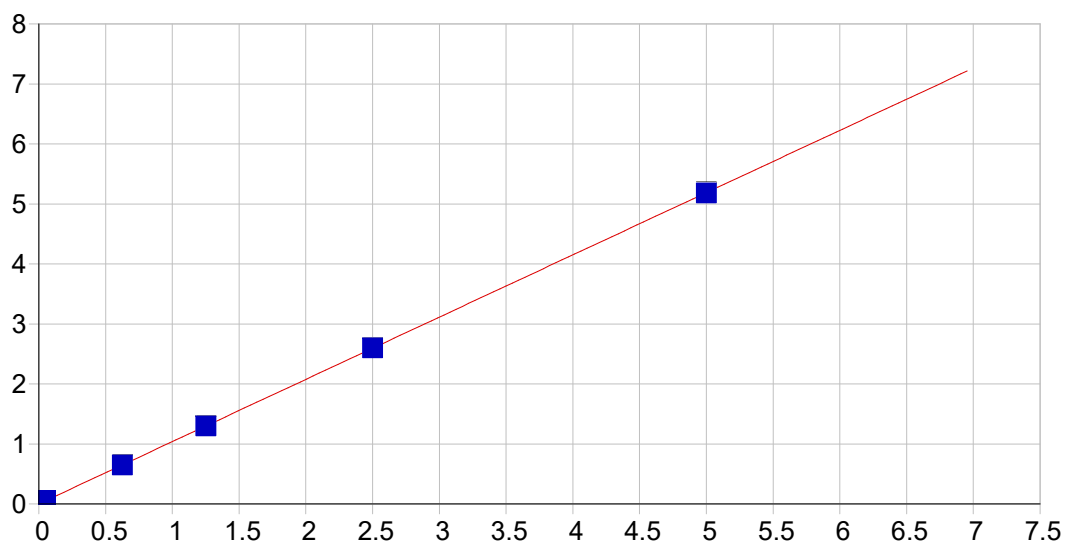


### Cr 267.716 {126}

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000045 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.174877  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000394 |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999978  | Status:   | OK.      |
| Std Error of Est: | 0.000037  |           |          |
| Predicted MDL:    | 0.000633  |           |          |
| Predicted MQL:    | 0.002110  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00005 | .000    | 1        |
| S1        | .01000       | .01252      | .003       | 25.2    | .00215  | .000    | 1        |
| S2        | 3.8750       | 3.9352      | .060       | 1.55    | .68287  | .001    | 1        |
| S3        | 7.7500       | 7.7465      | -.003      | -.045   | 1.3327  | .002    | 1        |
| S4        | 15.500       | 15.389      | -.111      | -.717   | 2.6012  | .007    | 1        |
| S5        | 31.000       | 31.053      | .053       | .169    | 5.0571  | .007    | 1        |

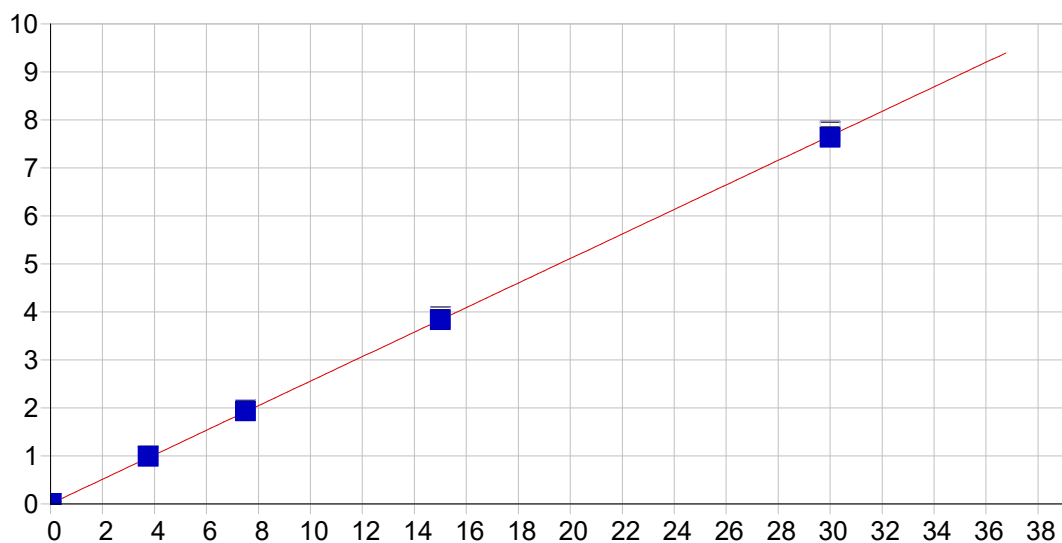


**Co 228.616 {448}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000424 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.037556 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999957 | Status:   | OK.      |
| Std Error of Est: | 0.000257 |           |          |
| Predicted MDL:    | 0.000298 |           |          |
| Predicted MQL:    | 0.000993 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .05000       | .05630      | .006       | 12.6    | .05902 | .000    | 1        |
| S2        | .62500       | .62378      | -.001      | -.195   | .64866 | .002    | 1        |
| S3        | 1.2500       | 1.2503      | .000       | .021    | 1.2997 | .002    | 1        |
| S4        | 2.5000       | 2.5032      | .003       | .129    | 2.6018 | .001    | 1        |
| S5        | 5.0000       | 4.9914      | -.009      | -.172   | 5.1876 | .010    | 1        |

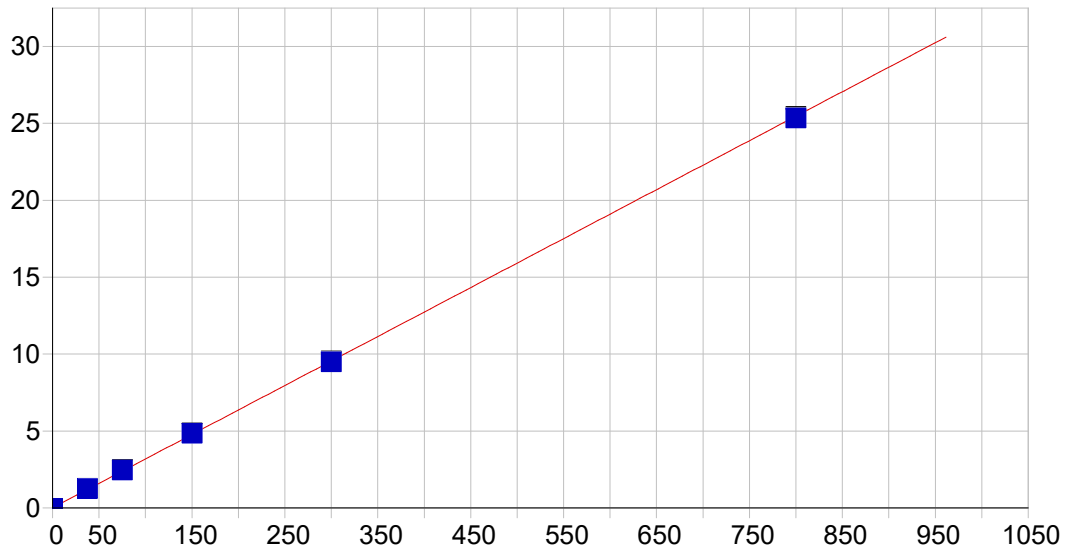


**Cu 324.754 {104}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002160 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.255505 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999965 | Status:   | OK.      |
| Std Error of Est: | 0.000099 |           |          |
| Predicted MDL:    | 0.002332 |           |          |
| Predicted MQL:    | 0.007773 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00216 | .000    | 1        |
| S1        | .02500       | .02835      | .003       | 13.4    | .01068 | .000    | 1        |
| S2        | 3.7500       | 3.8460      | .096       | 2.56    | 1.0002 | .002    | 1        |
| S3        | 7.5000       | 7.5572      | .057       | .763    | 1.9638 | .001    | 1        |
| S4        | 15.000       | 14.985      | -.015      | -.099   | 3.8924 | .008    | 1        |
| S5        | 30.000       | 29.858      | -.142      | -.474   | 7.7539 | .015    | 1        |

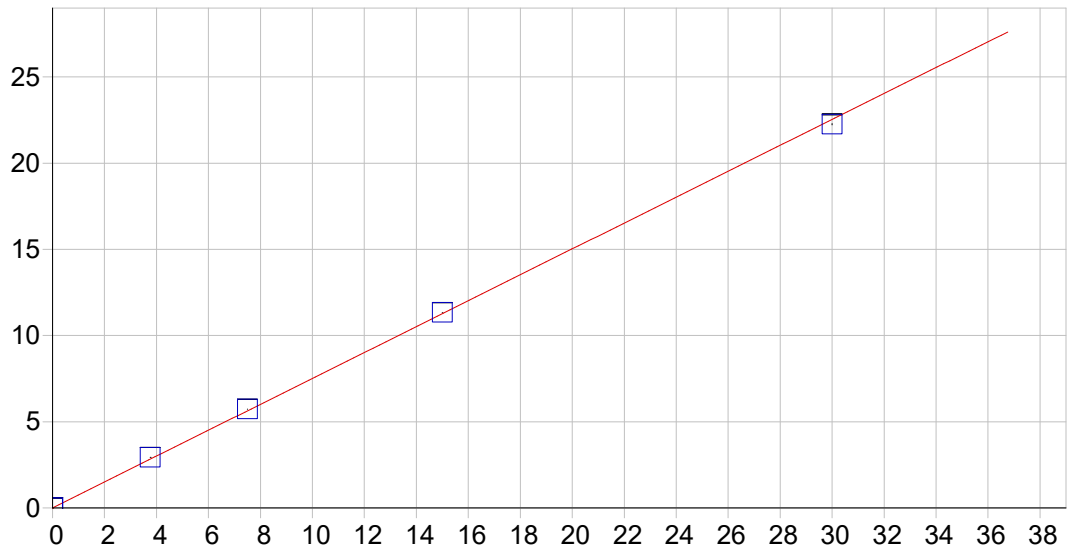


**Fe 259.837 {130}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000335 Re-Slope: 1.000000  
 A1 (Gain): 0.031836 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999914 Status: OK.  
 Std Error of Est: 0.000183  
 Predicted MDL: 0.008552  
 Predicted MQL: 0.028508

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .10000       | .12131      | .021       | 21.3    | .00433 | .000    | 1        |
| S2        | 37.500       | 39.471      | 1.97       | 5.26    | 1.2594 | .003    | 1        |
| S3        | 75.000       | 77.227      | 2.23       | 2.97    | 2.4639 | .008    | 1        |
| S4        | 150.00       | 151.96      | 1.96       | 1.31    | 4.8481 | .012    | 1        |
| S5        | 300.00       | 298.01      | -1.99      | -.665   | 9.5074 | .033    | 1        |
| S6        | 800.00       | 795.81      | -4.19      | -.524   | 25.368 | .079    | 1        |

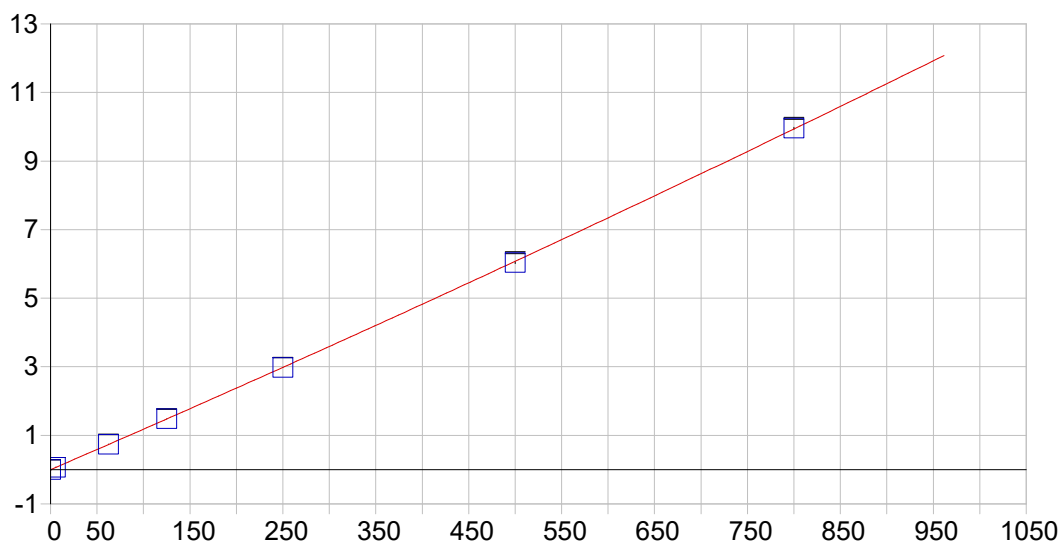


### Mn 257.610 {131}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000483 Re-Slope: 1.000000  
 A1 (Gain): 0.751307 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999868 Status: OK.  
 Std Error of Est: 0.000434  
 Predicted MDL: 0.000404  
 Predicted MQL: 0.001347

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00048 | .000    | 1        |
| S1        | .01500       | .01901      | .004       | 26.8    | .01477 | .000    | 1        |
| S2        | 3.7500       | 3.9055      | .155       | 4.15    | 2.9347 | .006    | 1        |
| S3        | 7.5000       | 7.6244      | .124       | 1.66    | 5.7287 | .015    | 1        |
| S4        | 15.000       | 15.091      | .091       | .610    | 11.339 | .005    | 1        |
| S5        | 30.000       | 29.625      | -.375      | -1.25   | 22.258 | .038    | 1        |



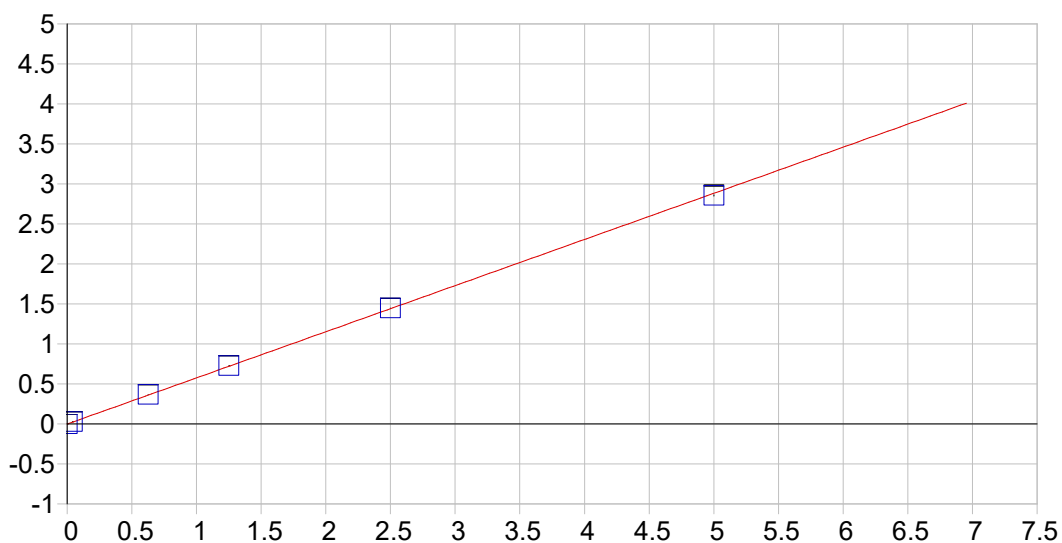
### Mg 279.079 {121}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000348 Re-Slope: 1.000000  
 A1 (Gain): 0.011707 Y-int: 0.000000  
 A2 (Curvature): 0.000001  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: Warning Positive Curvature  
 Std Error of Est: 0.000466  
 Predicted MDL: 0.027698  
 Predicted MQL: 0.092328

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00088     | -.001      | .000    | -.00036 | .000    | 1        |
| S1        | 5.0000       | 5.8651      | .865       | 17.3    | .06835  | .000    | 1        |
| S2        | 62.500       | 62.950      | .450       | .720    | .74013  | .004    | 1        |
| S3        | 125.00       | 125.12      | .115       | .092    | 1.4783  | .006    | 1        |
| S4        | 250.00       | 249.83      | -.169      | -.067   | 2.9799  | .006    | 1        |
| S5        | 500.00       | 496.88      | -3.12      | -.624   | 6.0361  | .031    | 1        |
| S6        | 800.00       | 801.86      | 1.86       | .233    | 9.9587  | .030    | 1        |



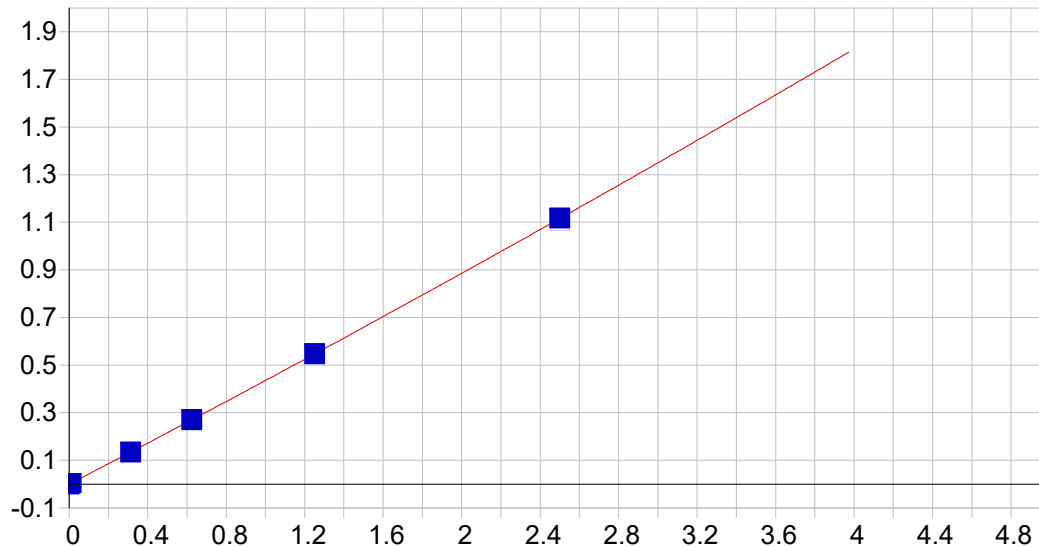


### Ni 231.604 {446}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001459 Re-Slope: 1.000000  
 A1 (Gain): 0.576764 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999846 Status: OK.  
 Std Error of Est: 0.000240  
 Predicted MDL: 0.000542  
 Predicted MQL: 0.001808

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00147 | .000    | 1        |
| S1        | .04000       | .04890      | .009       | 22.2    | .02674  | .000    | 1        |
| S2        | .62500       | .63783      | .013       | 2.05    | .36642  | .001    | 1        |
| S3        | 1.2500       | 1.2649      | .015       | 1.19    | .72809  | .001    | 1        |
| S4        | 2.5000       | 2.5100      | .010       | .400    | 1.4462  | .002    | 1        |
| S5        | 5.0000       | 4.9534      | -.047      | -.933   | 2.8555  | .008    | 1        |

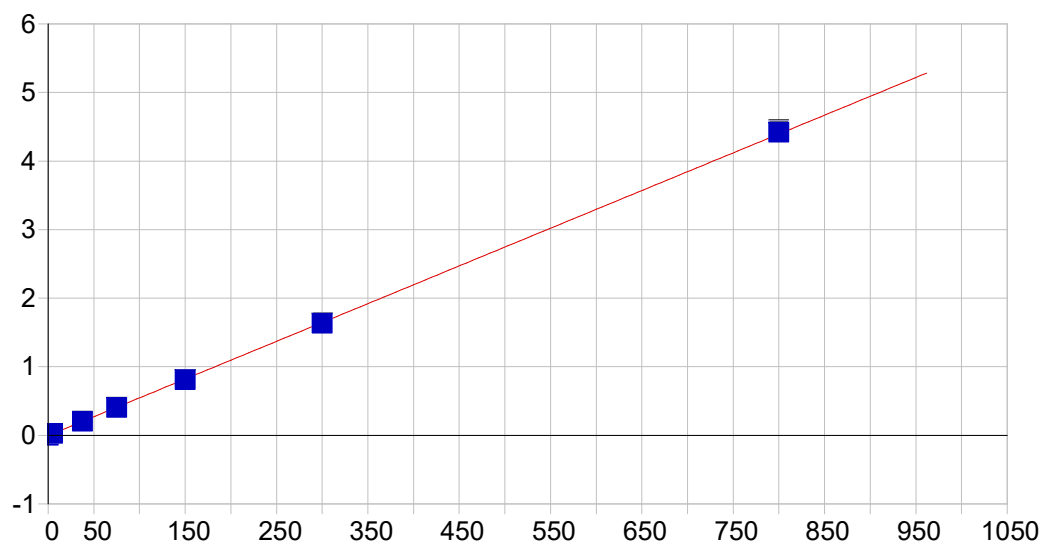


**Ag 328.068 {103}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |           |           |                            |
|-------------------|-----------|-----------|----------------------------|
| A0 (Offset):      | -0.000682 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.428917  | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.007066  |           |                            |
| n (Exponent):     | 1.000000  |           |                            |
| Correlation:      | 0.999971  | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000032  |           |                            |
| Predicted MDL:    | 0.000470  |           |                            |
| Predicted MQL:    | 0.001568  |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00068 | .000    | 1        |
| S1        | .01000       | .01167      | .002       | 16.7    | .00429  | .000    | 1        |
| S2        | .31250       | .31187      | -.001      | -.202   | .13243  | .000    | 1        |
| S3        | .62500       | .62391      | -.001      | -.174   | .26699  | .002    | 1        |
| S4        | 1.2500       | 1.2495      | -.001      | -.042   | .54091  | .002    | 1        |
| S5        | 2.5000       | 2.5006      | .001       | .023    | 1.1053  | .002    | 1        |

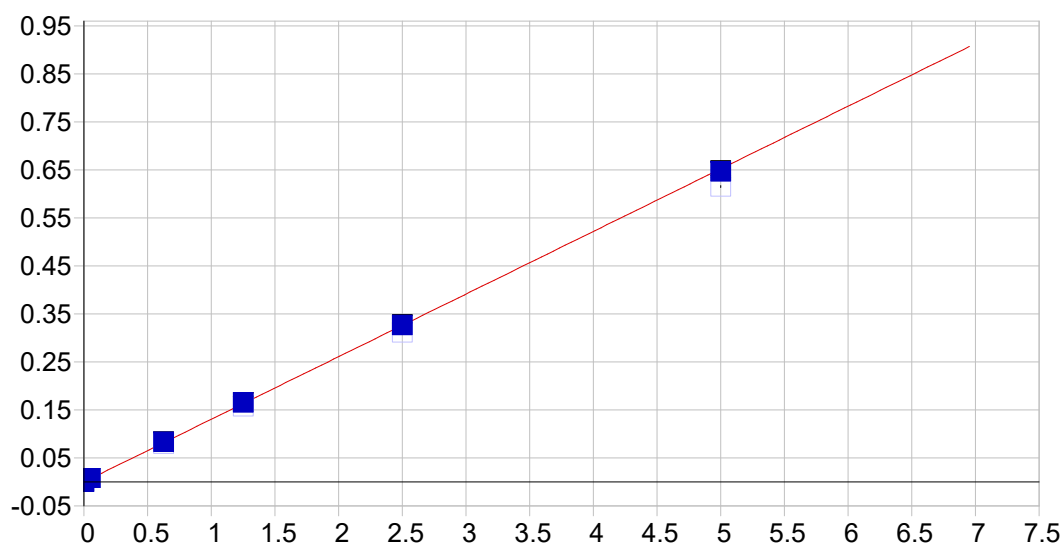


Na 818.326 { 41}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003365 Re-Slope: 1.000000  
 A1 (Gain): 0.005497 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999917 Status: OK.  
 Std Error of Est: 0.000220  
 Predicted MDL: 0.282975  
 Predicted MQL: 0.943251

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00069     | -.001      | .000    | -.00337 | .002    | 1        |
| S1        | 5.0000       | 5.8477      | .848       | 17.0    | .02878  | .000    | 1        |
| S2        | 37.500       | 37.301      | -.199      | -.530   | .20261  | .001    | 1        |
| S3        | 75.000       | 74.210      | -.790      | -1.05   | .40643  | .002    | 1        |
| S4        | 150.00       | 147.82      | -2.18      | -1.45   | .81290  | .001    | 1        |
| S5        | 300.00       | 297.69      | -2.31      | -.771   | 1.6405  | .004    | 1        |
| S6        | 800.00       | 804.64      | 4.64       | .580    | 4.4396  | .015    | 1        |

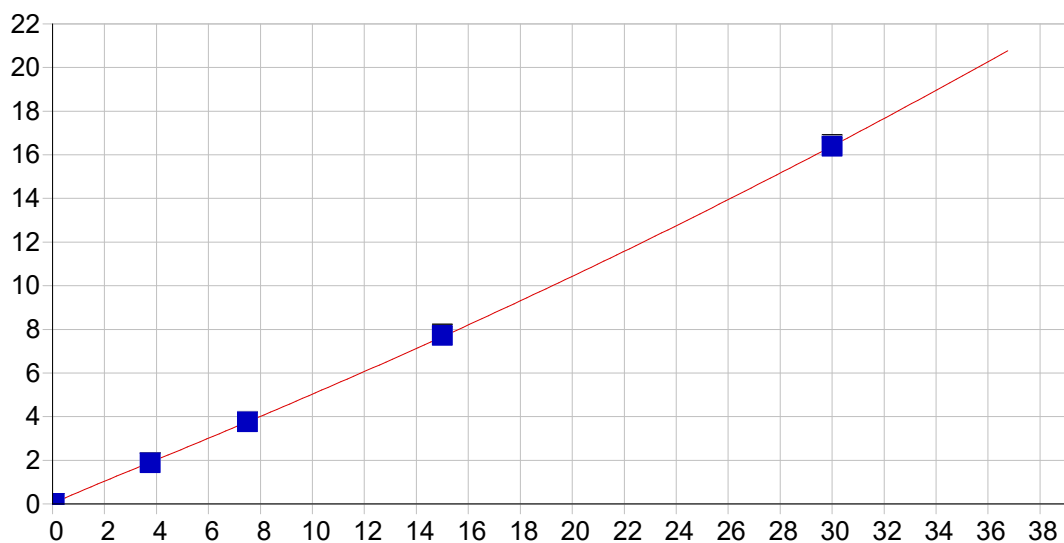


**V 292.402 {115}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000035 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.130443 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999814 | Status:   | OK.      |
| Std Error of Est: | 0.000064 |           |          |
| Predicted MDL:    | 0.002975 |           |          |
| Predicted MQL:    | 0.009915 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .05000       | .06073      | .011       | 21.5    | .00795 | .000    | 1        |
| S2        | .62500       | .63788      | .013       | 2.06    | .07933 | .000    | 1        |
| S3        | 1.2500       | 1.2654      | .015       | 1.23    | .15728 | .000    | 1        |
| S4        | 2.5000       | 2.5052      | .005       | .209    | .31119 | .001    | 1        |
| S5        | 5.0000       | 4.9553      | -.045      | -.895   | .61515 | .002    | 1        |

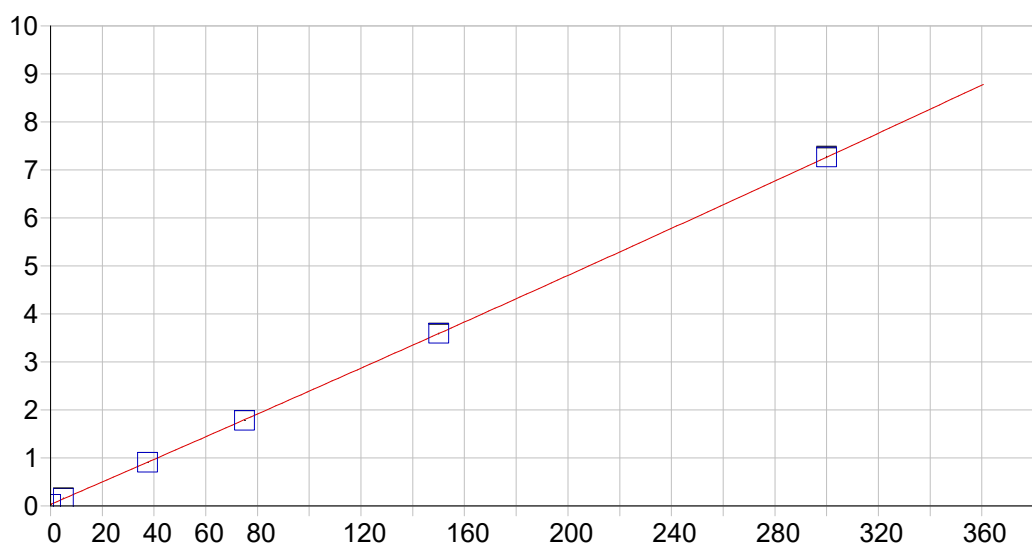


### Zn 213.856 {158}

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Full Fit      Weighting: 1/Conc

|                   |          |           |                                 |
|-------------------|----------|-----------|---------------------------------|
| A0 (Offset):      | 0.000391 | Re-Slope: | 1.000000                        |
| A1 (Gain):        | 0.533025 | Y-int:    | 0.000000                        |
| A2 (Curvature):   | 0.006796 |           |                                 |
| n (Exponent):     | 0.930000 |           |                                 |
| Correlation:      | 0.999984 | Status:   | Warning      Positive Curvature |
| Std Error of Est: | 0.000304 |           |                                 |
| Predicted MDL:    | 0.001761 |           |                                 |
| Predicted MQL:    | 0.005870 |           |                                 |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .06000       | .06429      | .004       | 7.14    | .04205 | .001    | 1        |
| S2        | 3.7500       | 3.6944      | -.056      | -1.48   | 1.8780 | .013    | 1        |
| S3        | 7.5000       | 7.4921      | -.008      | -.105   | 3.7631 | .017    | 1        |
| S4        | 15.000       | 15.097      | .097       | .648    | 7.7273 | .055    | 1        |
| S5        | 30.000       | 29.963      | -.037      | -.123   | 16.405 | .065    | 1        |

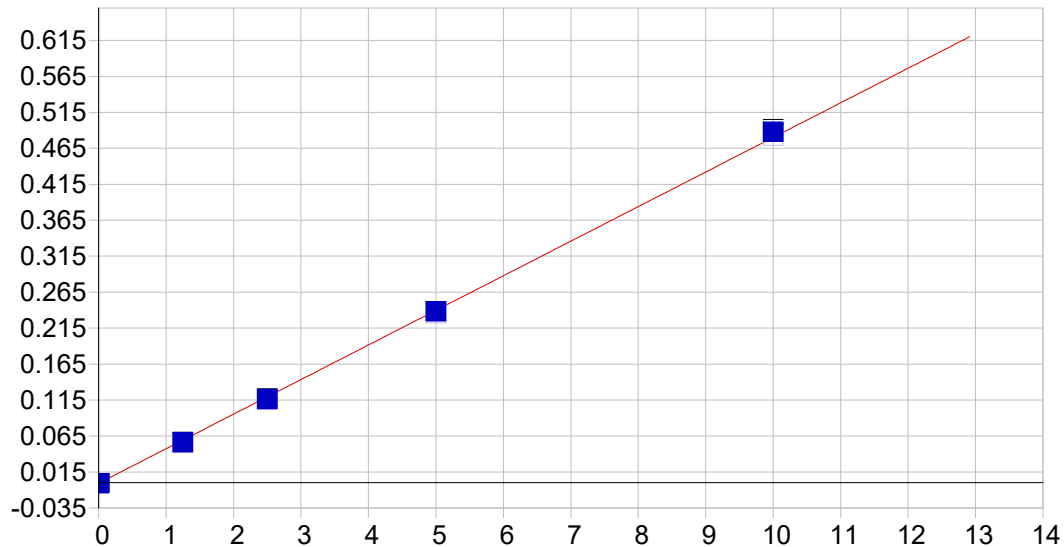


**K 769.896 { 44}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Curvilinear Weighting: 1/Conc

|                   |          |           |                            |
|-------------------|----------|-----------|----------------------------|
| A0 (Offset):      | 0.032549 | Re-Slope: | 1.000000                   |
| A1 (Gain):        | 0.023327 | Y-int:    | 0.000000                   |
| A2 (Curvature):   | 0.000003 |           |                            |
| n (Exponent):     | 1.000000 |           |                            |
| Correlation:      | 0.999919 | Status:   | Warning Positive Curvature |
| Std Error of Est: | 0.000725 |           |                            |
| Predicted MDL:    | 0.068453 |           |                            |
| Predicted MQL:    | 0.228177 |           |                            |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00060     | -.001      | .000    | .03253 | .002    | 1        |
| S1        | 5.0000       | 5.6693      | .669       | 13.4    | .16488 | .002    | 1        |
| S2        | 37.500       | 37.308      | -.192      | -.513   | .90644 | .002    | 1        |
| S3        | 75.000       | 74.355      | -.645      | -.860   | 1.7814 | .001    | 1        |
| S4        | 150.00       | 150.01      | .005       | .004    | 3.5903 | .007    | 1        |
| S5        | 300.00       | 300.16      | .163       | .054    | 7.2690 | .015    | 1        |

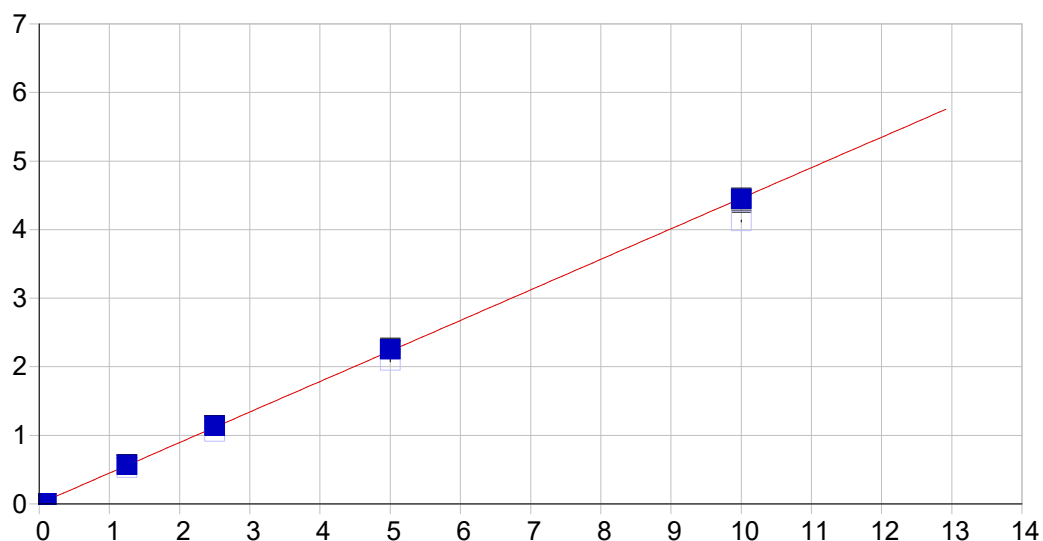


**P 177.495 {490}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000805 Re-Slope: 1.000000  
 A1 (Gain): 0.048091 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999774 Status: OK.  
 Std Error of Est: 0.000017  
 Predicted MDL: 0.003132  
 Predicted MQL: 0.010441

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00080 | .000    | 1        |
| S1        | .01000       | .00797      | -.002      | -20.3   | -.00042 | .000    | 1        |
| S2        | 1.2500       | 1.1855      | -.065      | -5.16   | .05553  | .000    | 1        |
| S3        | 2.5000       | 2.4351      | -.065      | -2.60   | .11496  | .000    | 1        |
| S4        | 5.0000       | 4.9679      | -.032      | -.642   | .23541  | .000    | 1        |
| S5        | 10.000       | 10.164      | .164       | 1.64    | .48259  | .004    | 1        |



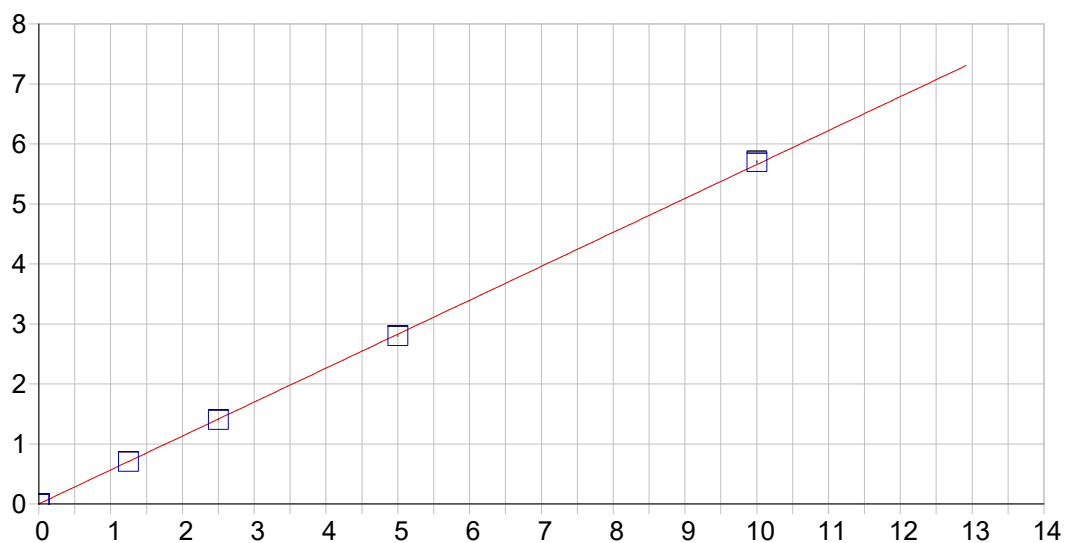
**B 249.678 {135}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003956 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.445315 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.997452 | Status:   | OK.      |
| Std Error of Est: | 0.001570 |           |          |
| Predicted MDL:    | 0.001001 |           |          |
| Predicted MQL:    | 0.003337 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00009      | .000       | .000    | .00399 | .000    | 1        |
| S1        | .10000       | .00988      | -.090      | -90.1   | .00827 | .000    | 1        |
| S2        | 1.2500       | 1.2688      | .019       | 1.50    | .52855 | .001    | 1        |
| S3        | 2.5000       | 2.5459      | .046       | 1.84    | 1.0569 | .005    | 1        |
| S4        | 5.0000       | 5.0518      | .052       | 1.04    | 2.0920 | .018    | 1        |
| S5        | 10.000       | 9.9805      | -.019      | -.195   | 4.1252 | .014    | 1        |



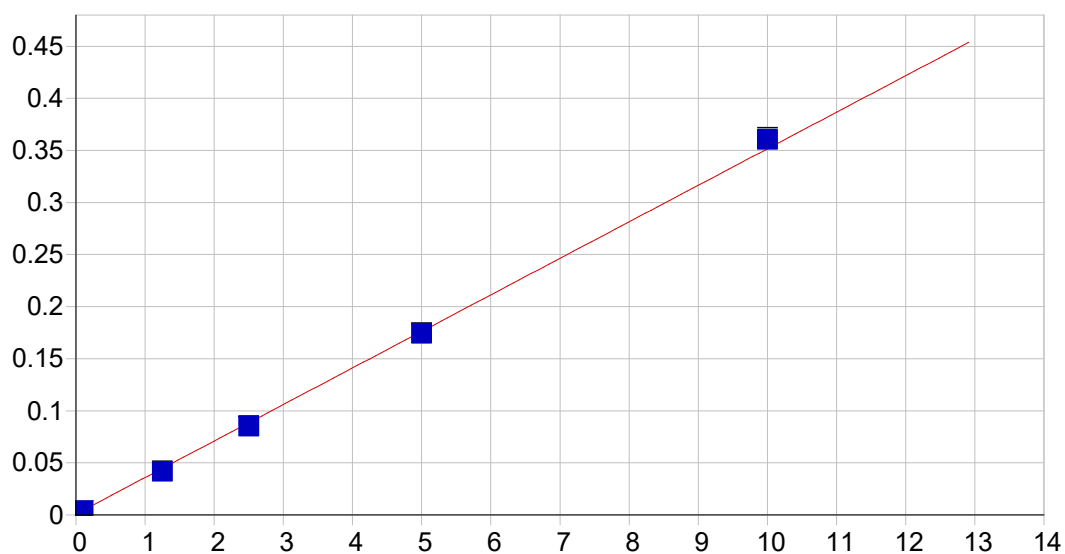


### Mo 202.030 {467}

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000380 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.565633 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999955 | Status:   | OK.      |
| Std Error of Est: | 0.000090 |           |          |
| Predicted MDL:    | 0.000405 |           |          |
| Predicted MQL:    | 0.001351 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .01000       | .01193      | .002       | 19.3    | .00713 | .000    | 1        |
| S2        | 1.2500       | 1.2449      | -.005      | -.408   | .70454 | .001    | 1        |
| S3        | 2.5000       | 2.4772      | -.023      | -.914   | 1.4015 | .006    | 1        |
| S4        | 5.0000       | 4.9503      | -.050      | -.995   | 2.8004 | .007    | 1        |
| S5        | 10.000       | 10.076      | .076       | .757    | 5.6995 | .018    | 1        |

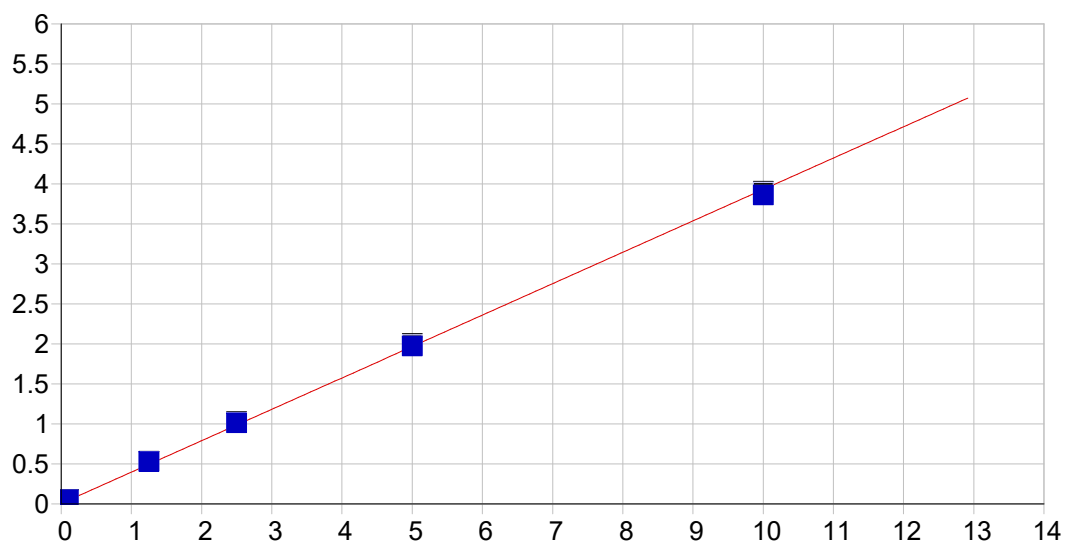


**S 182.034 {485}**

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000828 Re-Slope: 1.000000  
 A1 (Gain): 0.035078 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999554 Status: OK.  
 Std Error of Est: 0.000056  
 Predicted MDL: 0.004782  
 Predicted MQL: 0.015940

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00083 | .000    | 1        |
| S1        | .10000       | .09202      | -.008      | -7.98   | .00406 | .000    | 1        |
| S2        | 1.2500       | 1.1685      | -.082      | -6.52   | .04191 | .000    | 1        |
| S3        | 2.5000       | 2.3990      | -.101      | -4.04   | .08516 | .001    | 1        |
| S4        | 5.0000       | 4.9418      | -.058      | -1.16   | .17454 | .001    | 1        |
| S5        | 10.000       | 10.249      | .249       | 2.49    | .36106 | .002    | 1        |

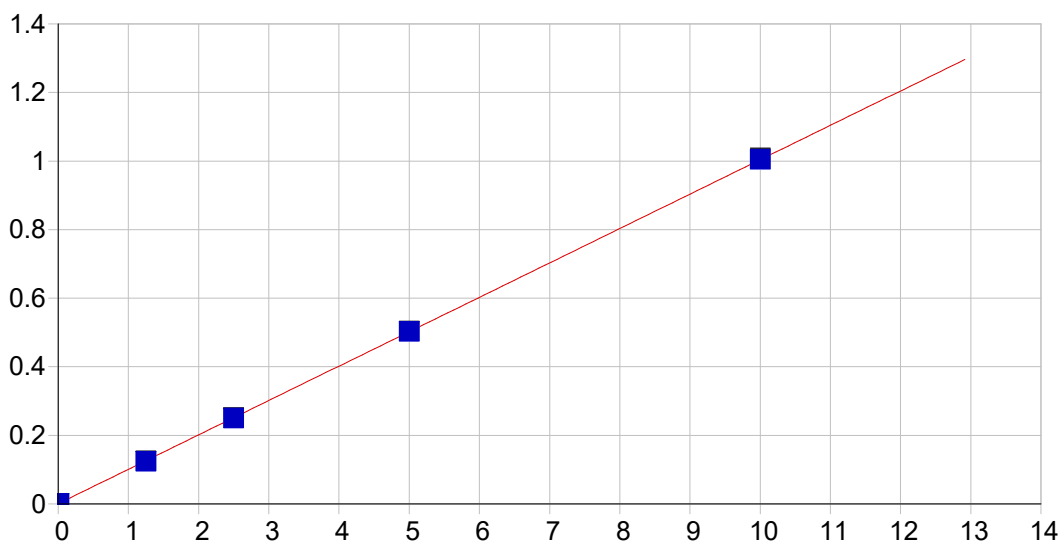


Si 251.611 {134}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005129 Re-Slope: 1.000000  
 A1 (Gain): 0.392497 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999597 Status: OK.  
 Std Error of Est: 0.000598  
 Predicted MDL: 0.001177  
 Predicted MQL: 0.003924

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00512 | .000    | 1        |
| S1        | .10000       | .12259      | .023       | 22.6    | .05339 | .001    | 1        |
| S2        | 1.2500       | 1.3315      | .081       | 6.52    | .53207 | .001    | 1        |
| S3        | 2.5000       | 2.5677      | .068       | 2.71    | 1.0216 | .007    | 1        |
| S4        | 5.0000       | 5.0074      | .007       | .149    | 1.9879 | .014    | 1        |
| S5        | 10.000       | 9.8209      | -.179      | -1.79   | 3.8945 | .014    | 1        |

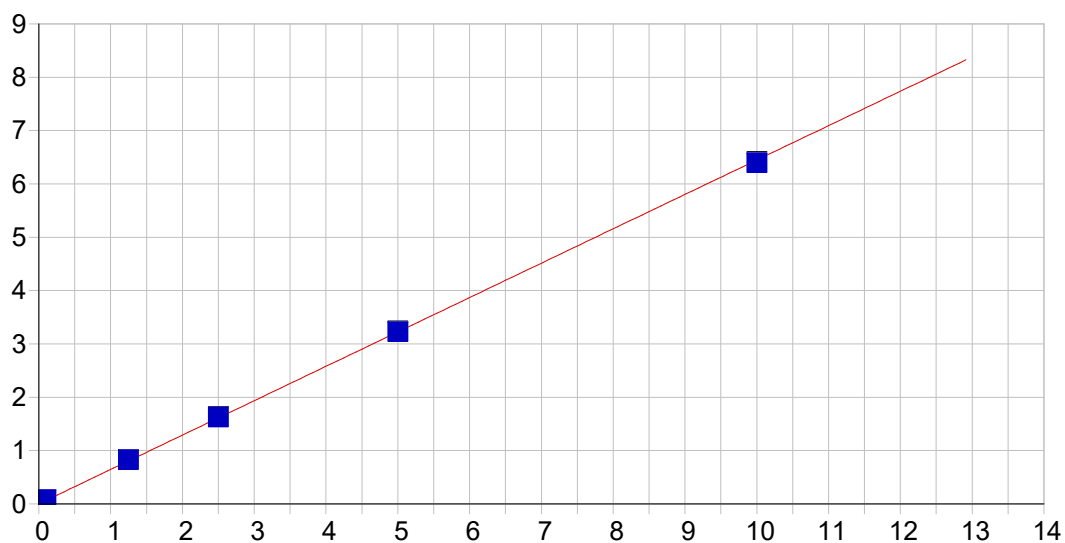


**Sn 189.989 {478}**

Date of Fit: 08/14/2020 15:49:26      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000597 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.100319 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999991 | Status:   | OK.      |
| Std Error of Est: | 0.000006 |           |          |
| Predicted MDL:    | 0.001463 |           |          |
| Predicted MQL:    | 0.004875 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00060 | .000    | 1        |
| S1        | .00700       | .00621      | -.001      | -11.2   | .00120 | .000    | 1        |
| S2        | 1.2500       | 1.2356      | -.014      | -1.15   | .12430 | .000    | 1        |
| S3        | 2.5000       | 2.4906      | -.009      | -.376   | .24993 | .001    | 1        |
| S4        | 5.0000       | 5.0064      | .006       | .128    | .50180 | .001    | 1        |
| S5        | 10.000       | 10.018      | .018       | .181    | 1.0035 | .003    | 1        |

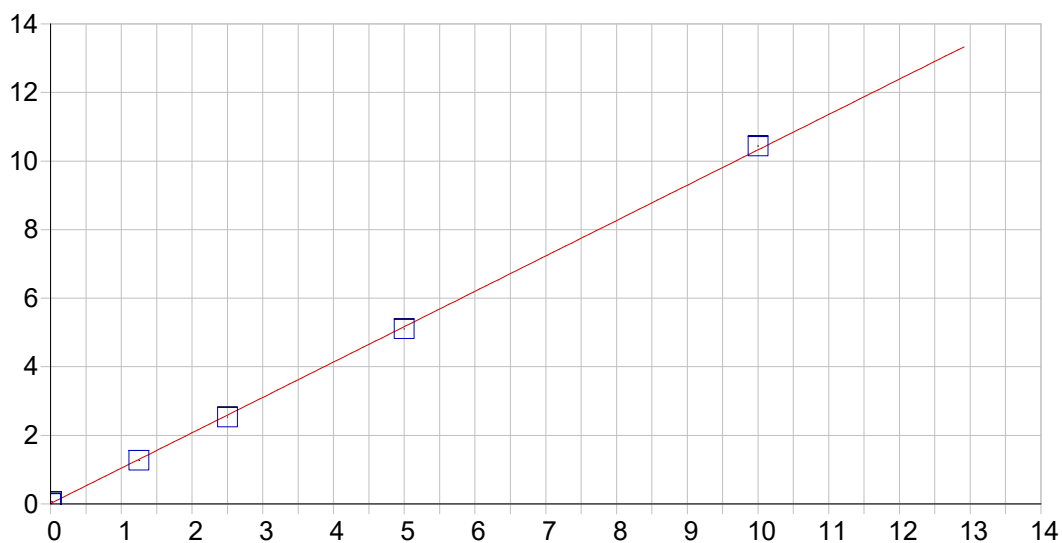


Ti 336.121 {100}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001194 Re-Slope: 1.000000  
 A1 (Gain): 0.644663 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999898 Status: OK.  
 Std Error of Est: 0.000490  
 Predicted MDL: 0.001029  
 Predicted MQL: 0.003429

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00118 | .001    | 1        |
| S1        | .10000       | .11529      | .015       | 15.3    | .07550 | .001    | 1        |
| S2        | 1.2500       | 1.2787      | .029       | 2.29    | .82522 | .001    | 1        |
| S3        | 2.5000       | 2.5242      | .024       | .966    | 1.6279 | .004    | 1        |
| S4        | 5.0000       | 5.0094      | .009       | .189    | 3.2295 | .012    | 1        |
| S5        | 10.000       | 9.9225      | -.078      | -.775   | 6.3956 | .017    | 1        |

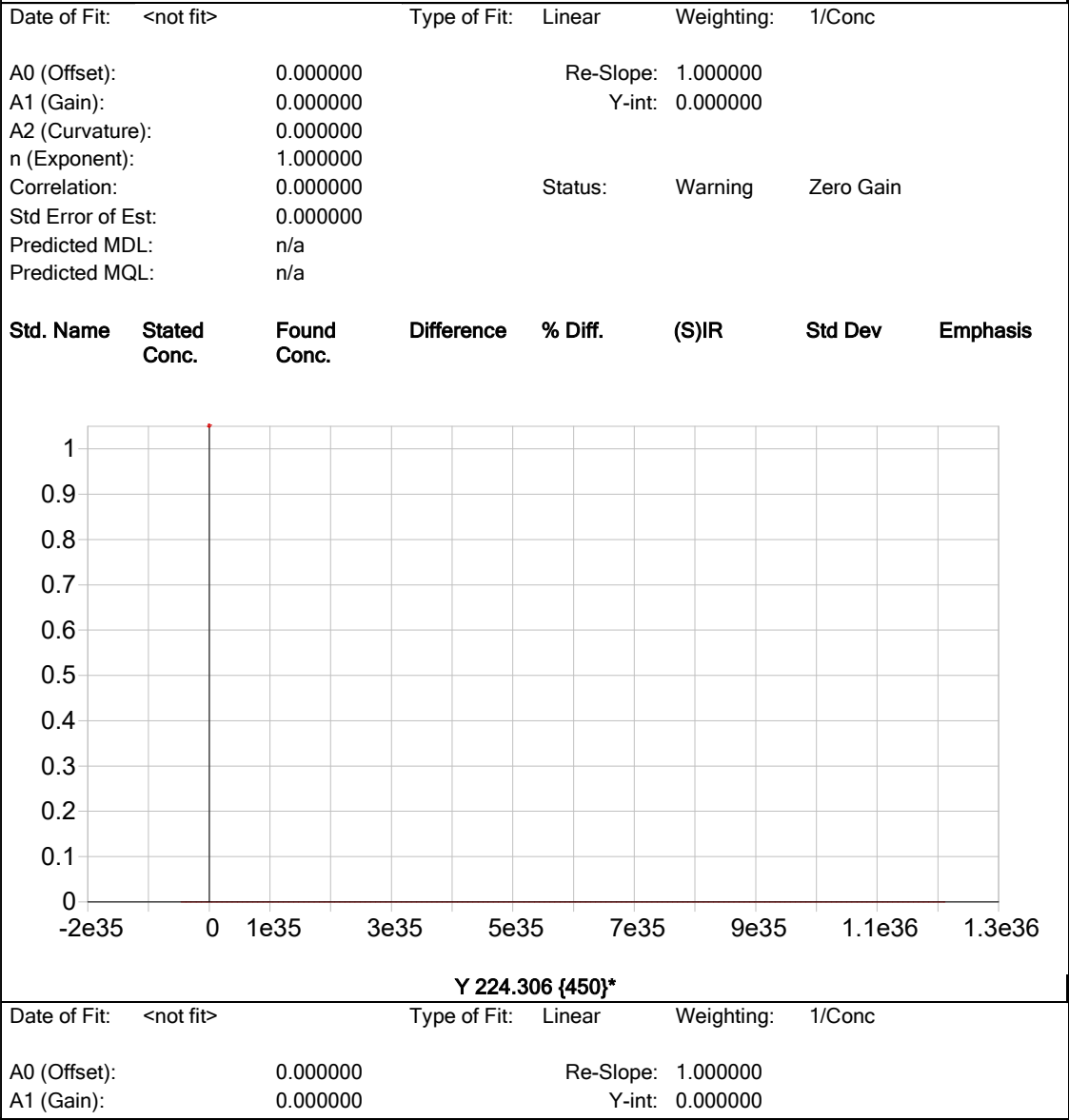
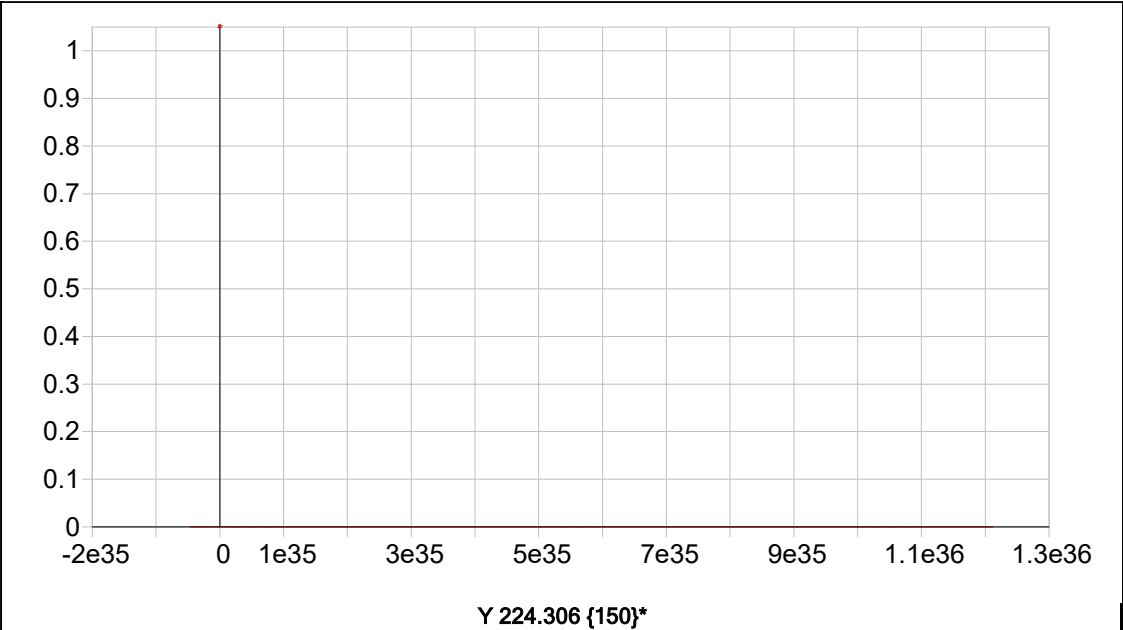


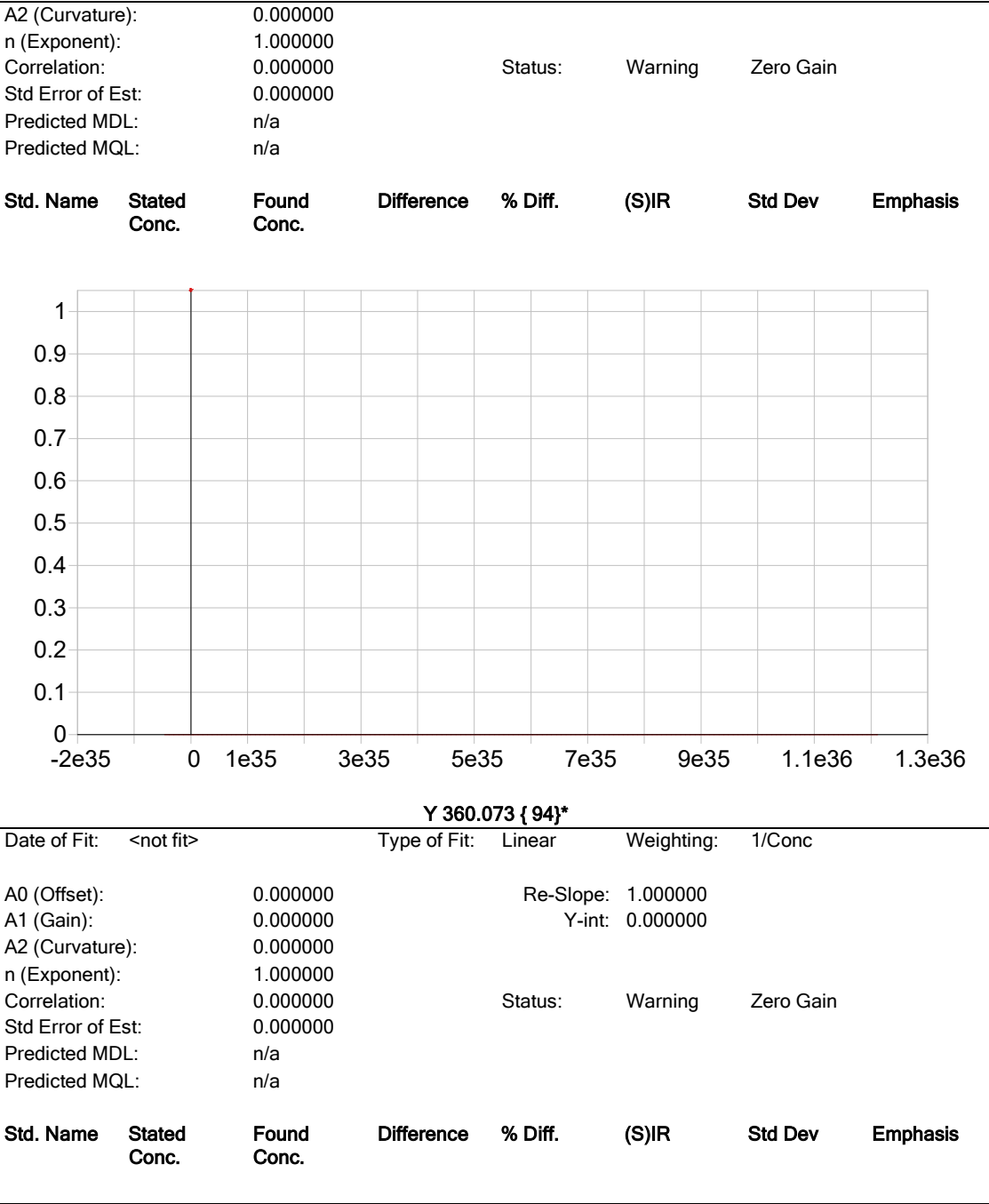
Li 670.784 { 50}

Date of Fit: 08/14/2020 15:49:26 Type of Fit: Linear Weighting: 1/Conc

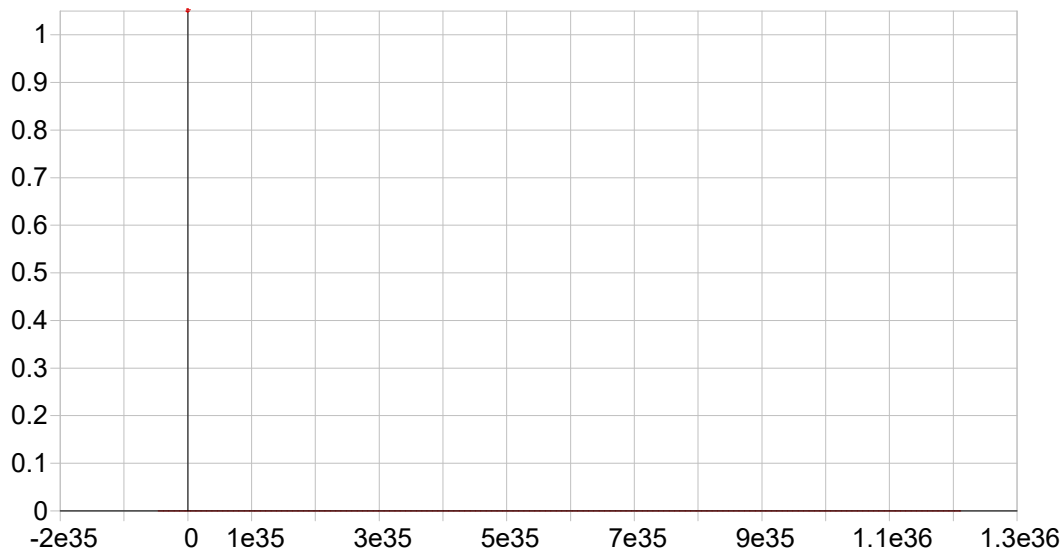
A0 (Offset): 0.011091 Re-Slope: 1.000000  
 A1 (Gain): 1.031596 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.997355 Status: OK.  
 Std Error of Est: 0.001544  
 Predicted MDL: 0.001606  
 Predicted MQL: 0.005353

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .01105 | .000    | 1        |
| S5        | 10.000       | 10.108      | .108       | 1.08    | 10.439 | .013    | 1        |
| S4        | 5.0000       | 4.9407      | -.059      | -1.19   | 5.1079 | .007    | 1        |
| S3        | 2.5000       | 2.4433      | -.057      | -2.27   | 2.5315 | .004    | 1        |
| S2        | 1.2500       | 1.2199      | -.030      | -2.41   | 1.2696 | .003    | 1        |
| S1        | .01500       | .05289      | .038       | 253.    | .06565 | .002    | 1        |

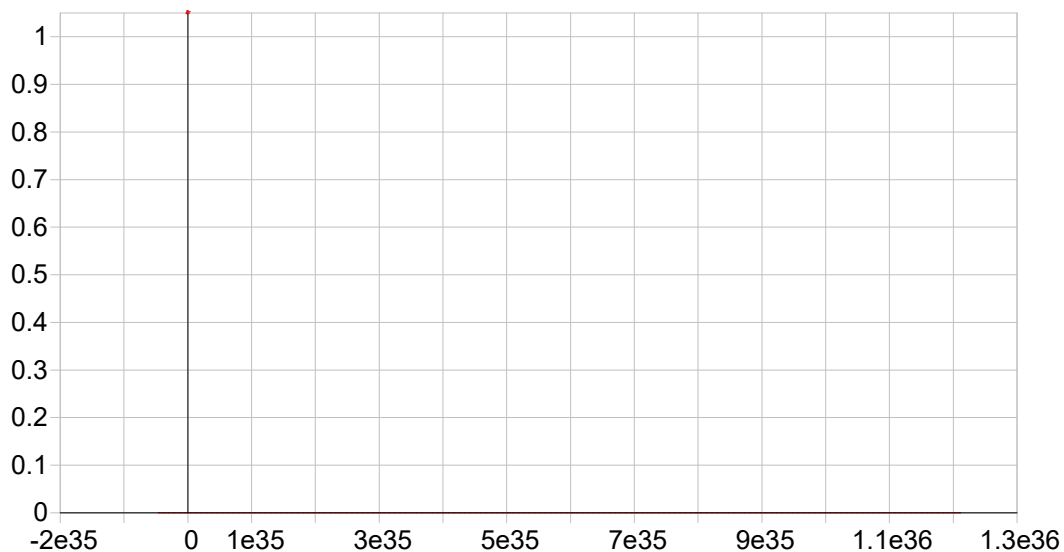




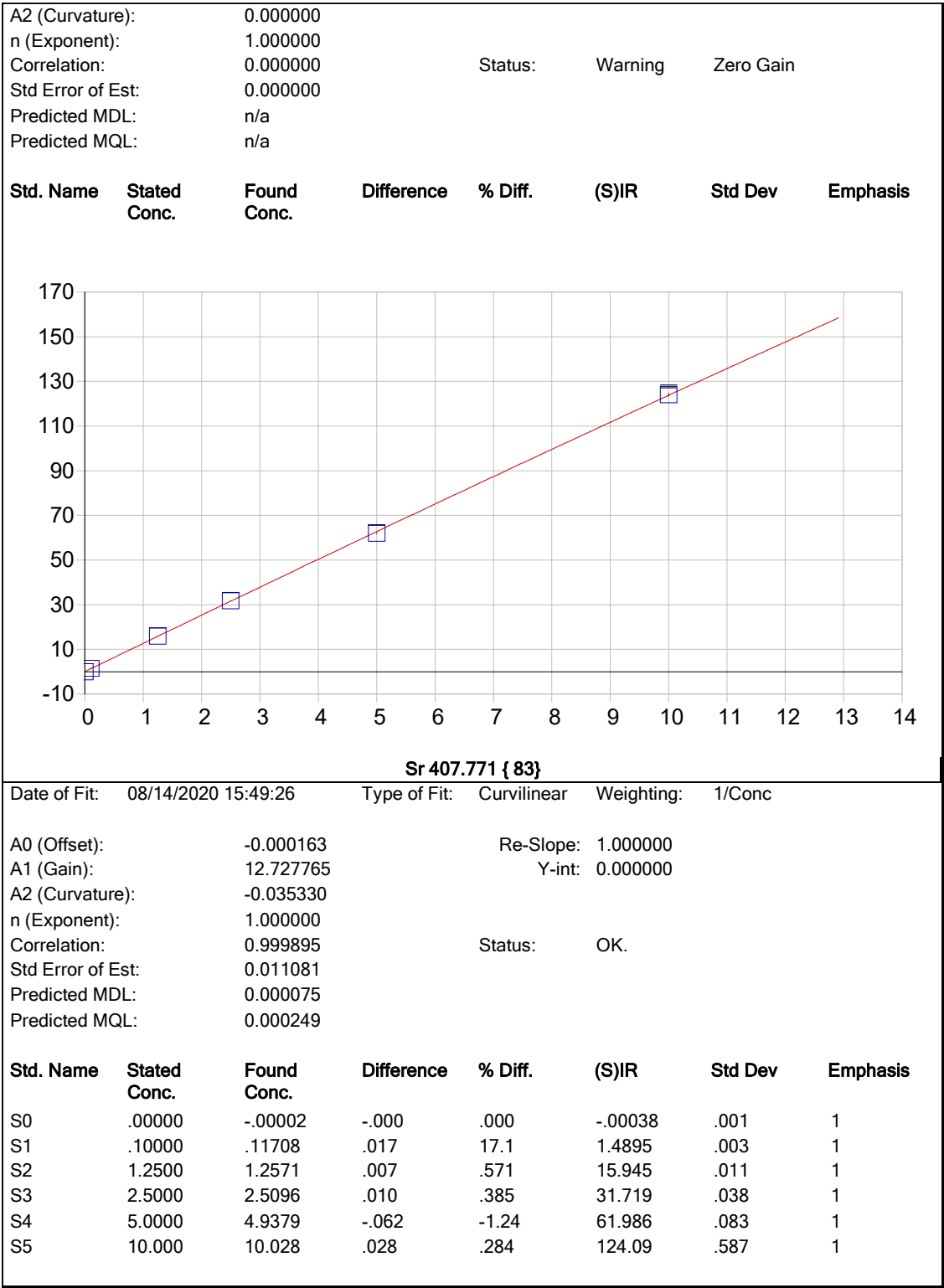




Y 371.030 { 91}\*



In 230.606 {446}\*



Sample Name: S0      Acquired: 08/14/2020 14:23:16      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | -.00023 | -.00090 | .00032  | .00039  | .00056 | .00317 | -.00439 | -.00188 |
| Stddev | .00014  | .00010  | .00006  | .00016  | .00023 | .00041 | .00068  | .00023  |
| %RSD   | 59.552  | 10.591  | 18.626  | 39.806  | 41.261 | 12.836 | 15.550  | 12.213  |
| #1     | -.00016 | -.00101 | .00026  | .00034  | .00074 | .00345 | -.00444 | -.00177 |
| #2     | -.00014 | -.00087 | .00038  | .00027  | .00064 | .00336 | -.00504 | -.00214 |
| #3     | -.00039 | -.00082 | .00031  | .00057  | .00030 | .00270 | -.00368 | -.00172 |
| 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    | .00010  | .00160  | -.00005 | .00042  | .00216 | .00033 | .00048  | -.00036 |
| Stddev | .00012  | .00076  | .00002  | .00015  | .00036 | .00026 | .00009  | .00026  |
| %RSD   | 122.60  | 47.355  | 50.841  | 36.896  | 16.764 | 77.137 | 19.634  | 73.033  |
| #1     | .00020  | .00197  | -.00007 | .00059  | .00174 | .00042 | .00043  | -.00064 |
| #2     | .00013  | .00073  | -.00004 | .00038  | .00232 | .00005 | .00059  | -.00032 |
| #3     | -.00003 | .00210  | -.00003 | .00028  | .00241 | .00054 | .00042  | -.00012 |
| 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    | -.00147 | -.00068 | -.00337 | .00003  | .00039 | .03253 | -.00080 | .00399  |
| Stddev | .00022  | .00004  | .00162  | .00019  | .00034 | .00223 | .00011  | .00035  |
| %RSD   | 15.223  | 5.8127  | 47.962  | 572.85  | 86.987 | 6.8679 | 13.899  | 8.7901  |
| #1     | -.00147 | -.00072 | -.00208 | .00020  | .00062 | .03486 | -.00068 | .00417  |
| #2     | -.00169 | -.00068 | -.00518 | .00007  | .00055 | .03040 | -.00089 | .00423  |
| #3     | -.00124 | -.00065 | -.00285 | -.00018 | .00000 | .03234 | -.00084 | .00359  |
| 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    | .00038  | .00083  | .00512  | .00060  | .00118 | .01105 | -.00038 |         |
| Stddev | .00014  | .00010  | .00021  | .00016  | .00092 | .00044 | .00115  |         |
| %RSD   | 37.625  | 12.009  | 4.0192  | 26.246  | 78.139 | 3.9750 | 301.57  |         |
| #1     | .00054  | .00091  | .00507  | .00065  | .00055 | .01156 | -.00145 |         |
| #2     | .00028  | .00072  | .00534  | .00072  | .00224 | .01079 | -.00052 |         |
| #3     | .00031  | .00086  | .00494  | .00042  | .00075 | .01081 | .00083  |         |

Sample Name: S0      Acquired: 08/14/2020 14:23:16      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 1180.0 | 2187.9 | 29471. | 6419.9 | 2475.3 |
| Stddev    | 2.9    | 4.4    | 66.    | 30.6   | 5.0    |
| %RSD      | .24937 | .20149 | .22229 | .47701 | .20367 |
| #1        | 1178.3 | 2187.4 | 29396. | 6437.5 | 2473.2 |
| #2        | 1178.2 | 2192.5 | 29517. | 6384.6 | 2481.0 |
| #3        | 1183.4 | 2183.8 | 29501. | 6437.7 | 2471.6 |

Sample Name: S1      Acquired: 08/14/2020 14:27:24      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .00030 | .00156 | .00349 | .00386 | .01130 | .02539 | .54701 | .02518 |
| Stddev | .00021 | .00013 | .00002 | .00011 | .00030 | .00048 | .00041 | .00029 |
| %RSD   | 70.448 | 8.4951 | .57716 | 2.8666 | 2.6749 | 1.8747 | .07535 | 1.1469 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011 | .00156 | .00346 | .00398 | .01108 | .02581 | .54745 | .02551 |
| #2 | .00053 | .00143 | .00349 | .00376 | .01164 | .02487 | .54663 | .02505 |
| #3 | .00027 | .00169 | .00350 | .00383 | .01116 | .02550 | .54694 | .02498 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01941 | .41517 | .00215 | .05902 | .01068 | .00433 | .01477 | .06835 |
| Stddev | .00016 | .00076 | .00004 | .00013 | .00028 | .00015 | .00020 | .00035 |
| %RSD   | .83907 | .18269 | 1.9104 | .22261 | 2.6094 | 3.5696 | 1.3274 | .51597 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01959 | .41575 | .00215 | .05891 | .01087 | .00437 | .01497 | .06826 |
| #2 | .01933 | .41432 | .00219 | .05900 | .01081 | .00416 | .01459 | .06873 |
| #3 | .01930 | .41545 | .00211 | .05917 | .01036 | .00446 | .01474 | .06805 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .02674 | .00429 | .02878 | .00795 | .04205 | .16488 | -.00042 | .00827 |
| Stddev | .00025 | .00012 | .00039 | .00009 | .00074 | .00156 | .00026  | .00024 |
| %RSD   | .93655 | 2.7212 | 1.3446 | 1.0987 | 1.7581 | .94469 | 62.127  | 2.8552 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02693 | .00441 | .02846 | .00800 | .04227 | .16662 | -.00030 | .00822 |
| #2 | .02646 | .00417 | .02867 | .00799 | .04122 | .16440 | -.00024 | .00805 |
| #3 | .02685 | .00429 | .02921 | .00784 | .04265 | .16361 | -.00073 | .00852 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .00713 | .00406 | .05339 | .00120 | .07550 | .06565 | 1.4895 |  |
| Stddev | .00028 | .00015 | .00057 | .00015 | .00108 | .00172 | .0034  |  |
| %RSD   | 3.9334 | 3.7325 | 1.0758 | 12.571 | 1.4258 | 2.6218 | .22592 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00730 | .00400 | .05405 | .00137 | .07451 | .06416 | 1.4862 |  |
| #2 | .00729 | .00394 | .05302 | .00115 | .07535 | .06525 | 1.4895 |  |
| #3 | .00681 | .00423 | .05309 | .00108 | .07664 | .06753 | 1.4929 |  |

Sample Name: S1      Acquired: 08/14/2020 14:27:24      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 1176.9 | 2173.8 | 29405. | 6369.8 | 2463.0 |
| Stddev    | 11.0   | 7.1    | 44.    | 9.3    | 2.7    |
| %RSD      | .93393 | .32878 | .14877 | .14627 | .10801 |
|           |        |        |        |        |        |
| #1        | 1189.5 | 2166.7 | 29362. | 6370.9 | 2461.2 |
| #2        | 1170.2 | 2173.6 | 29450. | 6378.5 | 2466.1 |
| #3        | 1170.8 | 2181.0 | 29402. | 6360.0 | 2461.8 |

Sample Name: S2      Acquired: 08/14/2020 14:31:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .05732 | .10210 | 1.5512 | .08448 | .19698 | 3.6928 | 7.4413 | .54407 |
| Stddev | .00018 | .00061 | .0046  | .00049 | .00059 | .0086  | .0076  | .00235 |
| %RSD   | .31093 | .59293 | .29321 | .58576 | .30197 | .23384 | .10275 | .43283 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05750 | .10177 | 1.5482 | .08505 | .19720 | 3.6978 | 7.4437 | .54219 |
| #2 | .05730 | .10173 | 1.5491 | .08419 | .19631 | 3.6829 | 7.4474 | .54671 |
| #3 | .05715 | .10280 | 1.5565 | .08420 | .19743 | 3.6978 | 7.4327 | .54330 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0347 | 4.4109 | .68287 | .64866 | 1.0002 | 1.2594 | 2.9347 | .74013 |
| Stddev | .0049  | .0078  | .00108 | .00157 | .0015  | .0027  | .0064  | .00352 |
| %RSD   | .24295 | .17729 | .15841 | .24139 | .15266 | .21039 | .21947 | .47502 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0325 | 4.4119 | .68404 | .64805 | 1.0018 | 1.2605 | 2.9317 | .74144 |
| #2 | 2.0312 | 4.4182 | .68190 | .64749 | 1.0001 | 1.2564 | 2.9421 | .73615 |
| #3 | 2.0404 | 4.4026 | .68267 | .65044 | .99873 | 1.2613 | 2.9303 | .74281 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .36642 | .13243 | .20261 | .07933 | 1.8780 | .90644 | .05553 | .52855 |
| Stddev | .00087 | .00034 | .00067 | .00013 | .0129  | .00157 | .00020 | .00144 |
| %RSD   | .23637 | .25375 | .33171 | .16494 | .68727 | .17329 | .35250 | .27189 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .36550 | .13256 | .20246 | .07942 | 1.8797 | .90821 | .05532 | .52754 |
| #2 | .36654 | .13205 | .20203 | .07918 | 1.8643 | .90522 | .05570 | .53020 |
| #3 | .36722 | .13268 | .20334 | .07940 | 1.8899 | .90589 | .05559 | .52793 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .70454 | .04191 | .53207 | .12430 | .82522 | 1.2696 | 15.945 |
| Stddev | .00129 | .00025 | .00106 | .00019 | .00135 | .0029  | .011   |
| %RSD   | .18354 | .59995 | .19888 | .15091 | .16414 | .23209 | .06884 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .70461 | .04187 | .53085 | .12413 | .82660 | 1.2729 | 15.937 |
| #2 | .70321 | .04168 | .53282 | .12426 | .82389 | 1.2673 | 15.940 |
| #3 | .70579 | .04218 | .53253 | .12450 | .82517 | 1.2684 | 15.957 |

Sample Name: S2      Acquired: 08/14/2020 14:31:31      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 1124.1 | 2078.3 | 28813. | 6315.0 | 2287.7 |
| Stddev    | 7.9    | 4.6    | 133.   | 21.9   | 1.9    |
| %RSD      | .70525 | .22358 | .46255 | .34758 | .08487 |
| #1        | 1117.0 | 2073.0 | 28663. | 6294.6 | 2287.8 |
| #2        | 1132.7 | 2080.4 | 28919. | 6338.3 | 2289.6 |
| #3        | 1122.6 | 2081.6 | 28855. | 6312.2 | 2285.7 |



Sample Name: S3      Acquired: 08/14/2020 14:35:24      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .11488 | .20206 | 3.1011 | .16868 | .39394 | 7.3648 | 14.838 | 1.0716 |
| Stddev | .00114 | .00047 | .0030  | .00089 | .00199 | .0157  | .019   | .0068  |
| %RSD   | .99375 | .23475 | .09731 | .52495 | .50483 | .21361 | .13004 | .63665 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11381 | .20162 | 3.0997 | .16820 | .39328 | 7.3610 | 14.854 | 1.0795 |
| #2 | .11475 | .20200 | 3.0989 | .16815 | .39237 | 7.3821 | 14.817 | 1.0669 |
| #3 | .11608 | .20257 | 3.1045 | .16971 | .39618 | 7.3513 | 14.844 | 1.0685 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.0349 | 8.7027 | 1.3327 | 1.2997 | 1.9638 | 2.4639 | 5.7287 | 1.4783 |
| Stddev | .0043  | .0102  | .0020  | .0022  | .0012  | .0078  | .0154  | .0056  |
| %RSD   | .10596 | .11737 | .15265 | .16884 | .06254 | .31759 | .26862 | .37756 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0342 | 8.6992 | 1.3331 | 1.2990 | 1.9637 | 2.4643 | 5.7235 | 1.4789 |
| #2 | 4.0311 | 8.6947 | 1.3305 | 1.2979 | 1.9651 | 2.4715 | 5.7166 | 1.4835 |
| #3 | 4.0395 | 8.7142 | 1.3345 | 1.3022 | 1.9626 | 2.4558 | 5.7460 | 1.4724 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .72809 | .26699 | .40643 | .15728 | 3.7631 | 1.7814 | .11496 | 1.0569 |
| Stddev | .00094 | .00205 | .00161 | .00040 | .0166  | .0012  | .00045 | .0054  |
| %RSD   | .12960 | .76698 | .39587 | .25345 | .44023 | .06871 | .39064 | .51118 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .72826 | .26610 | .40643 | .15750 | 3.7479 | 1.7800 | .11509 | 1.0621 |
| #2 | .72708 | .26934 | .40803 | .15752 | 3.7807 | 1.7820 | .11446 | 1.0513 |
| #3 | .72895 | .26555 | .40482 | .15682 | 3.7606 | 1.7822 | .11533 | 1.0572 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4015 | .08516 | 1.0216 | .24993 | 1.6279 | 2.5315 | 31.719 |
| Stddev | .0055  | .00056 | .0066  | .00068 | .0036  | .0043  | .038   |
| %RSD   | .39255 | .65514 | .65055 | .27180 | .22324 | .16870 | .11852 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3998 | .08580 | 1.0276 | .24957 | 1.6292 | 2.5311 | 31.759 |
| #2 | 1.3971 | .08479 | 1.0145 | .24952 | 1.6307 | 2.5360 | 31.684 |
| #3 | 1.4077 | .08490 | 1.0229 | .25072 | 1.6238 | 2.5275 | 31.714 |

Sample Name: S3      Acquired: 08/14/2020 14:35:24      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 1099.5 | 2033.9 | 28809. | 6338.1 | 2207.1 |
| Stddev    | 4.8    | 9.0    | 111.   | 19.1   | 3.3    |
| %RSD      | .44014 | .44221 | .38420 | .30211 | .14808 |
| #1        | 1103.7 | 2038.0 | 28831. | 6321.0 | 2208.3 |
| #2        | 1094.2 | 2040.1 | 28907. | 6334.6 | 2209.5 |
| #3        | 1100.6 | 2023.6 | 28689. | 6358.8 | 2203.4 |

Sample Name: S4      Acquired: 08/14/2020 14:39:15      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .23344 | .39668 | 6.2025 | .33015 | .79156 | 14.864 | 29.585 | 2.0958 |
| Stddev | .00140 | .00125 | .0055  | .00107 | .00440 | .019   | .030   | .0140  |
| %RSD   | .60173 | .31516 | .08838 | .32431 | .55594 | .12502 | .10186 | .66637 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23298 | .39562 | 6.1968 | .32939 | .78771 | 14.864 | 29.614 | 2.0965 |
| #2 | .23233 | .39635 | 6.2030 | .32968 | .79062 | 14.883 | 29.587 | 2.1094 |
| #3 | .23502 | .39806 | 6.2078 | .33137 | .79635 | 14.845 | 29.554 | 2.0815 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 8.0004 | 17.304 | 2.6012 | 2.6018 | 3.8924 | 4.8481 | 11.339 | 2.9799 |
| Stddev | .0080  | .009   | .0073  | .0014  | .0076  | .0118  | .005   | .0057  |
| %RSD   | .09942 | .04926 | .27895 | .05353 | .19642 | .24341 | .04309 | .19255 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.0026 | 17.298 | 2.6009 | 2.6021 | 3.8918 | 4.8589 | 11.335 | 2.9825 |
| #2 | 7.9915 | 17.301 | 2.5940 | 2.6003 | 3.9003 | 4.8498 | 11.344 | 2.9839 |
| #3 | 8.0069 | 17.314 | 2.6085 | 2.6030 | 3.8851 | 4.8355 | 11.338 | 2.9733 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4462 | .54091 | .81290 | .31119 | 7.7273 | 3.5903 | .23541 | 2.0920 |
| Stddev | .0018  | .00176 | .00084 | .00106 | .0548  | .0074  | .00024 | .0177  |
| %RSD   | .12130 | .32559 | .10310 | .34186 | .70968 | .20711 | .10256 | .84806 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4443 | .54285 | .81220 | .31242 | 7.7530 | 3.5880 | .23561 | 2.0866 |
| #2 | 1.4478 | .53942 | .81383 | .31056 | 7.6643 | 3.5986 | .23514 | 2.1118 |
| #3 | 1.4466 | .54046 | .81269 | .31059 | 7.7645 | 3.5842 | .23549 | 2.0775 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.8004 | .17454 | 1.9879 | .50180 | 3.2295 | 5.1079 | 61.986 |  |
| Stddev | .0065  | .00067 | .0142  | .00112 | .0118  | .0074  | .083   |  |
| %RSD   | .23314 | .38329 | .71467 | .22417 | .36448 | .14401 | .13358 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.7944 | .17382 | 1.9846 | .50050 | 3.2310 | 5.1075 | 61.946 |  |
| #2 | 2.7995 | .17514 | 2.0035 | .50255 | 3.2404 | 5.1155 | 61.931 |  |
| #3 | 2.8074 | .17467 | 1.9757 | .50233 | 3.2170 | 5.1008 | 62.082 |  |

Sample Name: S4      Acquired: 08/14/2020 14:39:15      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 1037.8 | 1927.6 | 28148. | 6245.4 | 2073.7 |
| Stddev    | 7.5    | 5.1    | 204.   | 15.2   | 1.0    |
| %RSD      | .71816 | .26605 | .72375 | .24403 | .04824 |
| #1        | 1038.0 | 1931.9 | 28189. | 6251.7 | 2074.3 |
| #2        | 1045.1 | 1929.0 | 28329. | 6228.0 | 2072.5 |
| #3        | 1030.2 | 1922.0 | 27927. | 6256.4 | 2074.2 |

Sample Name: S6      Acquired: 08/14/2020 14:47:17      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | 76.639 | 55.170 | 25.368 | 9.9587 | 4.4396 |
| Stddev | .270   | .460   | .079   | .0301  | .0149  |
| %RSD   | .35290 | .83404 | .31321 | .30210 | .33517 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 76.937 | 55.279 | 25.415 | 9.9512 | 4.4225 |
| #2 | 76.409 | 55.566 | 25.412 | 9.9918 | 4.4499 |
| #3 | 76.570 | 54.666 | 25.276 | 9.9330 | 4.4463 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 5949.0 |
| Stddev    | 37.9   |
| %RSD      | .63709 |

|    |        |
|----|--------|
| #1 | 5908.4 |
| #2 | 5955.1 |
| #3 | 5983.4 |

Sample Name: S5      Acquired: 08/14/2020 14:43:13      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .48169 | .77042 | 12.436 | .65191 | 1.6331 | 30.249 | 58.382 | 4.1086 |
| Stddev | .00197 | .00308 | .029   | .00112 | .0064  | .033   | .333   | .0132  |
| %RSD   | .40872 | .40035 | .23405 | .17145 | .39292 | .10901 | .57054 | .32164 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .47984 | .76835 | 12.419 | .65122 | 1.6328 | 30.214 | 58.055 | 4.0934 |
| #2 | .48147 | .76895 | 12.418 | .65132 | 1.6268 | 30.279 | 58.371 | 4.1145 |
| #3 | .48376 | .77397 | 12.469 | .65320 | 1.6396 | 30.255 | 58.721 | 4.1177 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 15.762 | 34.341 | 5.0571 | 5.1876 | 7.7539 | 9.5074 | 22.258 | 6.0361 |
| Stddev | .020   | .022   | .0072  | .0103  | .0150  | .0331  | .038   | .0314  |
| %RSD   | .12598 | .06376 | .14272 | .19873 | .19368 | .34790 | .17201 | .51966 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.741 | 34.366 | 5.0653 | 5.1788 | 7.7622 | 9.4692 | 22.301 | 6.0000 |
| #2 | 15.764 | 34.324 | 5.0539 | 5.1850 | 7.7629 | 9.5255 | 22.229 | 6.0568 |
| #3 | 15.780 | 34.334 | 5.0520 | 5.1989 | 7.7365 | 9.5275 | 22.242 | 6.0516 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.8555 | 1.1053 | 1.6405 | .61515 | 16.405 | 7.2690 | .48259 | 4.1252 |
| Stddev | .0075  | .0023  | .0036  | .00201 | .065   | .0154  | .00351 | .0141  |
| %RSD   | .26278 | .20694 | .22203 | .32610 | .39344 | .21229 | .72806 | .34097 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8517 | 1.1053 | 1.6394 | .61346 | 16.409 | 7.2865 | .47999 | 4.1096 |
| #2 | 2.8506 | 1.1076 | 1.6445 | .61737 | 16.468 | 7.2630 | .48118 | 4.1370 |
| #3 | 2.8641 | 1.1030 | 1.6375 | .61462 | 16.339 | 7.2575 | .48658 | 4.1291 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.6995 | .36106 | 3.8945 | 1.0035 | 6.3956 | 10.439 | 124.09 |
| Stddev | .0185  | .00160 | .0136  | .0030  | .0165  | .014   | .59    |
| %RSD   | .32426 | .44428 | .34863 | .29515 | .25841 | .12932 | .47342 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6902 | .35960 | 3.8796 | 1.0017 | 6.3767 | 10.442 | 124.31 |
| #2 | 5.6876 | .36082 | 3.9061 | 1.0020 | 6.4075 | 10.450 | 123.42 |
| #3 | 5.7208 | .36278 | 3.8980 | 1.0069 | 6.4026 | 10.424 | 124.52 |

Sample Name: S5      Acquired: 08/14/2020 14:43:13      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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       | 942.96 | 1785.0 | 27491. | 6144.7 | 1931.7 |
| Stddev    | 4.20   | 5.4    | 168.   | 19.1   | 4.8    |
| %RSD      | .44584 | .30163 | .61220 | .31150 | .24689 |
| #1        | 938.20 | 1783.3 | 27334. | 6147.8 | 1931.5 |
| #2        | 946.17 | 1791.0 | 27668. | 6162.2 | 1936.6 |
| #3        | 944.51 | 1780.6 | 27470. | 6124.2 | 1927.1 |

Sample Name: ICV      Acquired: 08/14/2020 14:55:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .9516722 | 1.021332 | .9423830 | 1.109529 | .9368443 | 2.406796 |
| Stddev | .0052932 | .002053  | .0025081 | .005502  | .0021412 | .012406  |
| %RSD   | .5562042 | .2010570 | .2661446 | .4959180 | .2285490 | .5154734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9569594 | 1.023675 | .9394947 | 1.112672 | .9343723 | 2.421027 |
| #2 | .9463729 | 1.019846 | .9436439 | 1.103176 | .9380415 | 2.398259 |
| #3 | .9516844 | 1.020476 | .9440105 | 1.112739 | .9381191 | 2.401102 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4873077 | .5211642 | .5034331 | 9.493993 | .5011801 | .4802367 |
| Stddev | .0010827 | .0042002 | .0012622 | .020097  | .0011194 | .0005593 |
| %RSD   | .2221791 | .8059255 | .2507279 | .2116788 | .2233579 | .1164658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4868046 | .5226358 | .5047940 | 9.498314 | .5001429 | .4797100 |
| #2 | .4885504 | .5244306 | .5023007 | 9.511577 | .5023667 | .4808237 |
| #3 | .4865680 | .5164262 | .5032046 | 9.472087 | .5010309 | .4801766 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4744322 | 10.08467 | .4885149 | 5.584093 | .4935655 | .2307814 |
| Stddev | .0038311 | .01663   | .0022590 | .022912  | .0008916 | .0004539 |
| %RSD   | .8075058 | .1648675 | .4624136 | .4103040 | .1806433 | .1966767 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4786242 | 10.07206 | .4859907 | 5.582345 | .4945506 | .2312090 |
| #2 | .4735598 | 10.10351 | .4892074 | 5.607829 | .4928140 | .2303051 |
| #3 | .4711126 | 10.07843 | .4903465 | 5.562105 | .4933318 | .2308302 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.302705 | .4973221 | 1.027060 | 9.077526 | F .0006117 | F .0041355 |
| Stddev | .124912  | .0046581 | .009183  | .035865  | .0007420   | .0002360   |
| %RSD   | 1.342753 | .9366430 | .8941129 | .3950970 | 121.3043   | 5.706979   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.167143 | .5025387 | 1.021486 | 9.068666 | -.000218 | .0043546 |
| #2 | 9.413152 | .4958488 | 1.022036 | 9.116990 | .001212  | .0038856 |
| #3 | 9.327820 | .4935787 | 1.037659 | 9.046921 | .000841  | .0041662 |



Sample Name: ICV      Acquired: 08/14/2020 14:55:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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 -.000239 | F -.010551 | F -.000175 | F -.004507 | F -.000419 | F .0025302 |
| Stddev | .000126    | .006747    | .001299    | .001219    | .001474    | .0010363   |
| %RSD   | 52.83027   | 63.94576   | 742.4733   | 27.04314   | 351.9589   | 40.95886   |
|        |            |            |            |            |            |            |
| #1     | -.000302   | -.003444   | .001322    | -.005296   | .000049    | .0037212   |
| #2     | -.000094   | -.016868   | -.000841   | -.003103   | -.002070   | .0020356   |
| #3     | -.000322   | -.011341   | -.001006   | -.005123   | .000764    | .0018338   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0011027 |
| Stddev | .0000669   |
| %RSD   | 6.069524   |
|        |            |
| #1     | .0011452   |
| #2     | .0011374   |
| #3     | .0010255   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1182.890 | 2168.258 | 29496.75 | 6393.039 | 2453.968 |
| Stddev    | 11.671   | 7.170    | 226.37   | 25.017   | 6.058    |
| %RSD      | .9866794 | .3306872 | .7674311 | .3913170 | .2468635 |
|           |          |          |          |          |          |
| #1        | 1184.258 | 2164.205 | 29485.36 | 6364.795 | 2449.205 |
| #2        | 1193.817 | 2164.032 | 29728.60 | 6401.908 | 2451.914 |
| #3        | 1170.595 | 2176.537 | 29276.30 | 6412.413 | 2460.787 |

Sample Name: ICB      Acquired: 08/14/2020 15:50:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | .0005058 | .0010740 | .0014186 | .0015465 | .0032618 | -.001514 | -.000427 |
| Stddev | .0029917 | .0012007 | .0002989 | .0017798 | .0015486 | .007402  | .000313  |
| %RSD   | 591.4792 | 111.7914 | 21.06960 | 115.0887 | 47.47737 | 489.0464 | 73.35030 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001885 | -.000071 | .0011757 | .0002734 | .0045208 | -.005735 | -.000378 |
| #2 | -.000458 | .002324  | .0017524 | .0007858 | .0015326 | -.005839 | -.000762 |
| #3 | .003861  | .000970  | .0013276 | .0035803 | .0037321 | .007034  | -.000141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000691 | .0000026 | -.017588 | -.000405 | .0000003 | .0038183 | .0050334 |
| Stddev | .0001120 | .0000977 | .008117  | .000121  | .0001350 | .0008602 | .0056543 |
| %RSD   | 162.1942 | 3733.151 | 46.14988 | 29.85394 | 39961.85 | 22.52731 | 112.3364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000052 | -.000097 | -.021716 | -.000266 | .0000838 | .0046890 | .0049652 |
| #2 | .000091  | .000007  | -.008237 | -.000476 | .0000726 | .0029690 | .0107214 |
| #3 | .000169  | .000098  | -.022813 | -.000475 | -.000155 | .0037969 | -.000587 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004069 | -.003465 | .0003642 | .0002453 | .0723749 | -.003328 | .0000022 |
| Stddev | .0002415 | .016003  | .0002104 | .0002907 | .2760384 | .000515  | .0001847 |
| %RSD   | 59.34831 | 461.8691 | 57.77219 | 118.5078 | 381.4008 | 15.47598 | 8418.643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001903 | -.021217 | .0006059 | .0003580 | .3853968 | -.002937 | -.000211 |
| #2 | .0006673 | .000967  | .0002652 | .0004629 | -.136195 | -.003912 | .000118  |
| #3 | .0003630 | .009855  | .0002216 | -.000085 | -.032077 | -.003136 | .000099  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006444 | -.000282 | -.005320 | -.000402 | -.018867 | -.003496 | -.005003 |
| Stddev | .087911  | .000800  | .000916  | .000410  | .004152  | .001439  | .000286  |
| %RSD   | 1364.210 | 283.7617 | 17.21595 | 102.1000 | 22.00717 | 41.15681 | 5.710876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.101478 | -.000694 | -.005525 | -.000173 | -.023281 | -.001987 | -.004681 |
| #2 | .010174  | -.000793 | -.006116 | -.000156 | -.018279 | -.003649 | -.005100 |
| #3 | .071972  | .000640  | -.004319 | -.000875 | -.015039 | -.004852 | -.005227 |

Sample Name: ICB      Acquired: 08/14/2020 15:50:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      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    | -.000592 | .0006513 | -.000101 |
| Stddev | .000340  | .0011746 | .000091  |
| %RSD   | 57.46104 | 180.3557 | 89.77627 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000707 | .0009124 | -.000184 |
| #2 | -.000860 | -.000632 | -.000004 |
| #3 | -.000209 | .001673  | -.000117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1166.797 | 2137.336 | 29092.10 | 6244.410 | 2429.621 |
| Stddev    | 7.404    | 4.866    | 49.44    | 11.552   | 2.808    |
| %RSD      | .6345614 | .2276716 | .1699592 | .1849913 | .1155702 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1158.831 | 2131.741 | 29049.89 | 6231.321 | 2426.399 |
| #2 | 1173.467 | 2139.688 | 29146.50 | 6248.731 | 2430.922 |
| #3 | 1168.094 | 2140.580 | 29079.90 | 6253.178 | 2431.543 |

Sample Name: ICSA      Acquired: 08/14/2020 15:59:34      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0098719 | .0084919 | .0088029 | .0071082 | .0014989 | 245.9449 |
| Stddev | .0031603 | .0053029 | .0016087 | .0030300 | .0027474 | 1.2729   |
| %RSD   | 32.01332 | 62.44574 | 18.27407 | 42.62668 | 183.2963 | .5175485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0135096 | .0105482 | .0073377 | .0057151 | .0023177 | 244.4770 |
| #2 | .0078020 | .0024689 | .0085469 | .0050253 | -.001565 | 246.7429 |
| #3 | .0083042 | .0124587 | .0105243 | .0105842 | .003744  | 246.6148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051166 | .0011473 | -.001018 | 255.1220 | .0480129 | .0018040 |
| Stddev | .0006375 | .0000108 | .000008  | .3019    | .0006434 | .0000619 |
| %RSD   | 12.45887 | .9433079 | .7597776 | .1183204 | 1.340066 | 3.430946 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0057373 | .0011580 | -.001020 | 254.8645 | .0486951 | .0017429 |
| #2 | .0044635 | .0011363 | -.001010 | 255.4542 | .0479265 | .0018667 |
| #3 | .0051490 | .0011476 | -.001025 | 255.0475 | .0474170 | .0018025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038707 | 103.7432 | .0155286 | 257.1225 | .0003526 | .0003816 |
| Stddev | .0027133 | .9100    | .0009849 | 2.1588   | .0001739 | .0004426 |
| %RSD   | 70.09771 | .8771705 | 6.342412 | .8395956 | 49.32162 | 115.9662 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044772 | 102.6930 | .0147744 | 254.6322 | .0002411 | -.000029 |
| #2 | .0009055 | 104.2388 | .0166428 | 258.4621 | .0002638 | .000850  |
| #3 | .0062293 | 104.2978 | .0151686 | 258.2733 | .0005530 | .000323  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.192153 | -.004087 | .0019634 | -.288000 | .0094402 | -.008164 |
| Stddev | .211676  | .001294  | .0003502 | .047992  | .0027357 | .002054  |
| %RSD   | 110.1603 | 31.65741 | 17.83462 | 16.66375 | 28.97964 | 25.15997 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.087001 | -.002669 | .0016394 | -.336261 | .0108434 | -.009993 |
| #2 | -.053642 | -.005204 | .0023349 | -.287457 | .0111898 | -.008558 |
| #3 | -.435816 | -.004387 | .0019159 | -.240283 | .0062876 | -.005942 |

Sample Name: ICSA      Acquired: 08/14/2020 15:59:34      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000853 | -.010608 | -.006543 | -.006376 | -.003404 | .0016986 |
| Stddev | .000720  | .002622  | .000353  | .001112  | .000961  | .0008895 |
| %RSD   | 84.40768 | 24.72104 | 5.389315 | 17.44401 | 28.22505 | 52.36778 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001683 | -.007601 | -.006522 | -.007092 | -.004493 | .0008039 |
| #2 | -.000396 | -.011802 | -.006906 | -.006940 | -.003045 | .0017092 |
| #3 | -.000480 | -.012422 | -.006201 | -.005094 | -.002675 | .0025828 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1034568 |
| Stddev | .0004363   |
| %RSD   | .4216866   |

|    |          |
|----|----------|
| #1 | .1029587 |
| #2 | .1036407 |
| #3 | .1037710 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1092.421 | 2017.322 | 27838.12 | 6199.254 | 2145.805 |
| Stddev    | 5.855    | .642     | 64.22    | 47.311   | .410     |
| %RSD      | .5359886 | .0318406 | .2306774 | .7631651 | .0190974 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1087.156 | 2016.907 | 27798.71 | 6238.328 | 2146.172 |
| #2 | 1091.380 | 2018.062 | 27803.43 | 6146.653 | 2145.363 |
| #3 | 1098.727 | 2016.996 | 27912.22 | 6212.782 | 2145.882 |

Sample Name: ICSAB      Acquired: 08/14/2020 16:11:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0897771 | .1018613 | .0569194 | .0451192 | .5789776 | 227.4371 |
| Stddev | .0047714 | .0029020 | .0016372 | .0047458 | .0058282 | .5738    |
| %RSD   | 5.314687 | 2.848987 | 2.876300 | 10.51831 | 1.006642 | .2522995 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0951215 | .1050722 | .0563584 | .0443588 | .5850662 | 228.0307 |
| #2 | .0859457 | .1010864 | .0587633 | .0407995 | .5734503 | 227.3952 |
| #3 | .0882640 | .0994255 | .0556365 | .0501992 | .5784163 | 226.8853 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4991138 | .5030316 | .9965815 | 236.8426 | .5296144 | .4894173 |
| Stddev | .0020934 | .0019151 | .0030309 | .2569    | .0006203 | .0008412 |
| %RSD   | .4194200 | .3807068 | .3041258 | .1084553 | .1171147 | .1718744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4987494 | .5049208 | .9930938 | 236.5501 | .5289716 | .4897069 |
| #2 | .4972265 | .5010916 | .9980735 | 237.0316 | .5296622 | .4884696 |
| #3 | .5013654 | .5030824 | .9985770 | 236.9461 | .5302094 | .4900755 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4640862 | 96.37796 | .4969192 | 236.5479 | .9823811 | .2070075 |
| Stddev | .0011683 | .40902   | .0013663 | 1.3871   | .0010362 | .0010307 |
| %RSD   | .2517435 | .4243925 | .2749617 | .5863770 | .1054776 | .4979020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4640799 | 96.84347 | .4958196 | 238.1040 | .9835776 | .2062424 |
| #2 | .4629211 | 96.21427 | .4964892 | 236.0985 | .9817877 | .2066005 |
| #3 | .4652576 | 96.07614 | .4984488 | 235.4413 | .9817780 | .2081795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.108115 | .4887922 | 1.078859 | -.357344 | .0084583 | -.009507 |
| Stddev | .089071  | .0067446 | .011377  | .064320  | .0018237 | .001421  |
| %RSD   | 82.38492 | 1.379851 | 1.054513 | 17.99937 | 21.56072 | 14.94158 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.087026 | .4965475 | 1.086703 | -.420542 | .0075901 | -.008062 |
| #2 | -.205838 | .4855317 | 1.084064 | -.291958 | .0072308 | -.009558 |
| #3 | -.031482 | .4842974 | 1.065811 | -.359534 | .0105538 | -.010901 |

Sample Name: ICSAB      Acquired: 08/14/2020 16:11:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | -.000337 | -.009208 | -.004571 | F -.008406 | -.001926 | -.000993 |
| Stddev | .000184  | .004342  | .000870  | .002105    | .001078  | .001342  |
| %RSD   | 54.40203 | 47.15646 | 19.03741 | 25.04773   | 55.96291 | 135.1088 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000523 | -.008768 | -.003566 | -.006608 | -.001338 | .000547  |
| #2 | -.000156 | -.005102 | -.005081 | -.007886 | -.003171 | -.001912 |
| #3 | -.000333 | -.013753 | -.005067 | -.010722 | -.001271 | -.001614 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0968695 |
| Stddev | .0002248 |
| %RSD   | .2321148 |

|    |          |
|----|----------|
| #1 | .0970492 |
| #2 | .0966174 |
| #3 | .0969421 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1096.760 | 2005.021 | 27968.93 | 6244.655 | 2146.320 |
| Stddev    | 2.111    | 2.382    | 10.42    | 9.384    | 1.432    |
| %RSD      | .1925123 | .1188245 | .0372466 | .1502748 | .0667222 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1096.001 | 2007.737 | 27979.06 | 6247.885 | 2147.763 |
| #2 | 1095.133 | 2004.040 | 27969.47 | 6251.996 | 2144.900 |
| #3 | 1099.146 | 2003.285 | 27958.25 | 6234.082 | 2146.298 |

Sample Name: CCV060      Acquired: 08/14/2020 16:15:44      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV060      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.893193 | 4.924954 | 24.75611 | 4.932412 | 4.957138 | 371.7815 | 10.20569 |
| Stddev | .023783  | .014115  | .05992   | .013710  | .027063  | .5627    | .02134   |
| %RSD   | .4860460 | .2866066 | .2420588 | .2779674 | .5459451 | .1513609 | .2091392 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.879123 | 4.923034 | 24.71201 | 4.917522 | 4.945283 | 371.8561 | 10.20255 |
| #2 | 4.879803 | 4.911897 | 24.73198 | 4.935198 | 4.938026 | 372.3032 | 10.22843 |
| #3 | 4.920652 | 4.939931 | 24.82434 | 4.944515 | 4.988106 | 371.1852 | 10.18610 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5040999 | 2.490239 | 392.6956 | 16.56775 | 2.511211 | 15.12563 | 382.8759 |
| Stddev | .0023312 | .004810  | .4874    | .02990   | .006474  | .04703   | 1.0790   |
| %RSD   | .4624503 | .1931550 | .1241206 | .1804787 | .2578167 | .3109407 | .2818102 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5053161 | 2.488066 | 392.2612 | 16.53323 | 2.508182 | 15.15664 | 383.4634 |
| #2 | .5014121 | 2.486898 | 393.2227 | 16.58524 | 2.506807 | 15.14874 | 383.5336 |
| #3 | .5055715 | 2.495752 | 392.6029 | 16.58479 | 2.518645 | 15.07152 | 381.6306 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.98219 | 397.2778 | 2.494360 | 1.279531 | 379.3719 | 2.520013 | 15.39763 |
| Stddev | .02332   | .8129    | .009187  | .006731  | .8874    | .013135  | .12574   |
| %RSD   | .1556756 | .2046138 | .3683166 | .5260636 | .2339099 | .5212174 | .8165915 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.96968 | 397.8858 | 2.488403 | 1.273817 | 379.5351 | 2.522070 | 15.43986 |
| #2 | 15.00910 | 397.5930 | 2.489736 | 1.286951 | 380.1664 | 2.531998 | 15.49681 |
| #3 | 14.96780 | 396.3545 | 2.504940 | 1.277825 | 378.4143 | 2.505971 | 15.25621 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 154.0192 | 5.148135 | 5.029604 | 4.929341 | 5.058095 | 4.994911 | 5.001696 |
| Stddev | .3586    | .025542  | .016751  | .017515  | .031779  | .016460  | .015367  |
| %RSD   | .2328368 | .4961474 | .3330489 | .3553301 | .6282755 | .3295393 | .3072262 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 154.4037 | 5.145520 | 5.033688 | 4.921711 | 5.084241 | 5.007398 | 4.988645 |
| #2 | 153.9601 | 5.124001 | 5.011188 | 4.916935 | 5.022725 | 4.976258 | 4.997809 |
| #3 | 153.6938 | 5.174884 | 5.043935 | 4.949377 | 5.067321 | 5.001077 | 5.018632 |



Sample Name: CCV060      Acquired: 08/14/2020 16:15:44      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV060      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.023078 | 5.045105 | 5.018560 |
| Stddev | .005554  | .011271  | .038234  |
| %RSD   | .1105681 | .2233958 | .7618477 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.019568 | 5.040585 | 5.053868 |
| #2 | 5.029481 | 5.057934 | 4.977953 |
| #3 | 5.020184 | 5.036796 | 5.023860 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1000.615 | 1864.286 | 27468.54 | 6141.766 | 1974.965 |
| Stddev    | 9.459    | 4.081    | 126.53   | 12.998   | 2.446    |
| %RSD      | .9453552 | .2189159 | .4606267 | .2116397 | .1238427 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 997.725  | 1864.950 | 27421.75 | 6130.862 | 1975.933 |
| #2 | 992.937  | 1867.994 | 27372.06 | 6138.285 | 1976.779 |
| #3 | 1011.182 | 1859.913 | 27611.79 | 6156.150 | 1972.183 |

Sample Name: CCB060      Acquired: 08/14/2020 16:19:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB060      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000683 | .0007541 | .0019637 | .0029540 | -.000223 | .0127573 | .0000921 |
| Stddev | .003764  | .0014819 | .0022921 | .0013240 | .001866  | .0113118 | .0001061 |
| %RSD   | 550.6628 | 196.5216 | 116.7195 | 44.81869 | 836.7276 | 88.66907 | 115.2691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001792 | -.000379 | .0002116 | .0030846 | .001413  | .0257511 | -.000029 |
| #2 | .003510  | .002431  | .0011219 | .0042078 | .000173  | .0051075 | .000170  |
| #3 | -.003769 | .000210  | .0045577 | .0015696 | -.002255 | .0074134 | .000135  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000041 | -.000045 | .0034221 | .0002829 | -.000098 | .0032943 | .0096318 |
| Stddev | .000134  | .000013  | .0025690 | .0002833 | .000215  | .0009264 | .0012567 |
| %RSD   | 325.2311 | 27.85291 | 75.07117 | 100.1330 | 219.6286 | 28.12041 | 13.04789 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | -.000037 | .0004574 | .0006010 | -.000002 | .0043627 | .0086073 |
| #2 | .000095  | -.000038 | .0049919 | .0000576 | -.000343 | .0028062 | .0110341 |
| #3 | -.000173 | -.000059 | .0048170 | .0001902 | .000052  | .0027140 | .0092539 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003791 | .0226300 | .0002055 | .0005575 | .0336098 | -.001964 | -.000824 |
| Stddev | .0001358 | .0096376 | .0002355 | .0000665 | .2456341 | .000324  | .001117  |
| %RSD   | 35.83364 | 42.58742 | 114.6450 | 11.92868 | 730.8415 | 16.47608 | 135.5724 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005211 | .0139784 | .0004671 | .0005544 | .0997828 | -.002107 | -.001509 |
| #2 | .0003657 | .0330176 | .0001388 | .0004925 | -.238332 | -.002192 | -.001427 |
| #3 | .0002504 | .0208942 | .0000104 | .0006254 | .239379  | -.001594 | .000465  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.022823 | .0000816 | .0035211 | .0006844 | -.017301 | -.002709 | -.003136 |
| Stddev | .039030  | .0022359 | .0012519 | .0003197 | .003147  | .001958  | .000229  |
| %RSD   | 171.0116 | 2739.760 | 35.55332 | 46.71098 | 18.18971 | 72.26020 | 7.296260 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .012429  | .0011304 | .0049443 | .0010064 | -.014119 | -.004912 | -.003271 |
| #2 | -.016132 | .0016003 | .0030285 | .0006796 | -.017371 | -.001168 | -.003266 |
| #3 | -.064766 | -.002486 | .0025904 | .0003671 | -.020412 | -.002047 | -.002872 |

Sample Name: CCB060      Acquired: 08/14/2020 16:19:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB060      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000236 | -.002552 | .0000047 |
| Stddev | .000426  | .000942  | .0000452 |
| %RSD   | 180.4876 | 36.90573 | 968.0244 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000521 | -.002936 | .0000569 |
| #2 | -.000441 | -.003241 | -.000020 |
| #3 | .000254  | -.001479 | -.000023 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1156.909 | 2137.476 | 28829.91 | 6262.029 | 2425.605 |
| Stddev    | 6.492    | 3.775    | 78.08    | 26.835   | 4.734    |
| %RSD      | .5611681 | .1766021 | .2708359 | .4285376 | .1951753 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1153.567 | 2138.570 | 28741.32 | 6290.187 | 2427.777 |
| #2 | 1152.767 | 2140.584 | 28859.73 | 6236.748 | 2428.864 |
| #3 | 1164.391 | 2133.276 | 28888.69 | 6259.151 | 2420.175 |

Sample Name: L3615-01A      Acquired: 08/14/2020 16:44:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MBG0D2A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003725 | -.001423 | .0058751 | .0022958 | -.002613 | 1.016108 | .2922016 |
| Stddev | .0001974 | .003017  | .0007098 | .0000733 | .001268  | .006114  | .0009128 |
| %RSD   | 52.99436 | 212.0126 | 12.08182 | 3.190970 | 48.50900 | .6016614 | .3123696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005947 | -.003910 | .0060237 | .0023763 | -.004055 | 1.015424 | .2917671 |
| #2 | .0003055 | .001933  | .0051028 | .0022782 | -.001675 | 1.010365 | .2932504 |
| #3 | .0002174 | -.002291 | .0064989 | .0022330 | -.002110 | 1.022534 | .2915873 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000162 | -.000062 | 40.35019 | .0000728 | -.000211 | .0074934 | 4.937445 |
| Stddev | .0000121 | .000052  | .01425   | .0007502 | .000409  | .0003054 | .030214  |
| %RSD   | 74.38000 | 83.43243 | .0353100 | 1031.111 | 193.7646 | 4.075157 | .6119257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000181 | -.000116 | 40.33939 | .0006306 | .000031  | .0072686 | 4.904024 |
| #2 | .0000272 | -.000014 | 40.34483 | .0003678 | .000019  | .0073706 | 4.945489 |
| #3 | .0000033 | -.000055 | 40.36633 | -.000780 | -.000684 | .0078411 | 4.962823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6703232 | 19.90732 | .0006015 | -.000001 | 40.49809 | .0099069 | .1460959 |
| Stddev | .0029505 | .07132   | .0003842 | .000487  | .38186   | .0023257 | .0006513 |
| %RSD   | .4401665 | .3582805 | 63.86819 | 34613.44 | .9429121 | 23.47563 | .4458125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6676572 | 19.82725 | .0001581 | .000086  | 40.20836 | .0072282 | .1464575 |
| #2 | .6698192 | 19.93062 | .0008132 | -.000526 | 40.93081 | .0114115 | .1464863 |
| #3 | .6734933 | 19.96407 | .0008333 | .000436  | 40.35509 | .0110811 | .1453441 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7801770 | .0336652 | .0713274 | .0056831 | 7.738150 | 17.67339 | -.007800 |
| Stddev | .0437083 | .0044198 | .0012132 | .0002648 | .017744  | .10301   | .000497  |
| %RSD   | 5.602356 | 13.12864 | 1.700840 | 4.659357 | .2293054 | .5828527 | 6.368973 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7384411 | .0303499 | .0699282 | .0059814 | 7.729919 | 17.56030 | -.008368 |
| #2 | .8256214 | .0319628 | .0719674 | .0054757 | 7.726016 | 17.69800 | -.007590 |
| #3 | .7764684 | .0386831 | .0720865 | .0055924 | 7.758515 | 17.76187 | -.007443 |

Sample Name: L3615-01A      Acquired: 08/14/2020 16:44:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MBG0D2A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0560306 | -.002279 | .2872830 |
| Stddev | .0009130 | .000684  | .0009580 |
| %RSD   | 1.629383 | 30.01317 | .3334663 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0561265 | -.001598 | .2861790 |
| #2 | .0568918 | -.002272 | .2878959 |
| #3 | .0550735 | -.002966 | .2877741 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1214.578 | 2229.342 | 30375.64 | 6532.639 | 2487.895 |
| Stddev    | 1.894    | 2.837    | 25.99    | 40.930   | 3.251    |
| %RSD      | .1559752 | .1272763 | .0855459 | .6265455 | .1306708 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1212.905 | 2229.283 | 30345.83 | 6577.079 | 2491.634 |
| #2 | 1214.195 | 2226.535 | 30393.53 | 6524.350 | 2486.316 |
| #3 | 1216.635 | 2232.209 | 30387.54 | 6496.488 | 2485.735 |

Sample Name: PB130974BS      Acquired: 08/14/2020 16:52:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS974      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0218205 | .0544226 | .0232464 | .0742570 | .1247330 | .4591054 |
| Stddev | .0013560 | .0032515 | .0002444 | .0014027 | .0014169 | .0106993 |
| %RSD   | 6.214292 | 5.974478 | 1.051341 | 1.888919 | 1.135957 | 2.330467 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215658 | .0542552 | .0234924 | .0757347 | .1242259 | .4480498 |
| #2 | .0206099 | .0512581 | .0230036 | .0729440 | .1236394 | .4598578 |
| #3 | .0232858 | .0577546 | .0232432 | .0740924 | .1263337 | .4694087 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3309626 | .0114409 | .0106392 | 10.36863 | .0219215 | .1000839 |
| Stddev | .0031347 | .0000302 | .0001040 | .03568   | .0004089 | .0002028 |
| %RSD   | .9471521 | .2635761 | .9773137 | .3441390 | 1.865523 | .2025887 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3273874 | .0114710 | .0105232 | 10.32928 | .0214522 | .0999864 |
| #2 | .3332401 | .0114411 | .0106705 | 10.39889 | .0221104 | .0999484 |
| #3 | .3322603 | .0114107 | .0107240 | 10.37772 | .0222018 | .1003170 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0478956 | .2181426 | .0334695 | 10.46271 | .0855644 | .0206004 |
| Stddev | .0017371 | .0096576 | .0001925 | .05871   | .0007263 | .0001162 |
| %RSD   | 3.626860 | 4.427172 | .5752915 | .5611632 | .8488592 | .5641456 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0466854 | .2214496 | .0336650 | 10.40141 | .0863797 | .0205471 |
| #2 | .0471154 | .2072660 | .0332801 | 10.46827 | .0849865 | .0205204 |
| #3 | .0498860 | .2257122 | .0334634 | 10.51844 | .0853270 | .0207337 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.24882 | .1046993 | .1183027 | 10.20365 | .0219941 | F .0160840 |
| Stddev | .15295   | .0010860 | .0011704 | .04496   | .0021152 | .0002946   |
| %RSD   | 1.492378 | 1.037244 | .9893270 | .4406468 | 9.617330 | 1.831538   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.26423 | .1042582 | .1169879 | 10.15299 | .0242800 | .0157696 |
| #2 | 10.39349 | .1059364 | .1186897 | 10.23879 | .0215963 | .0161287 |
| #3 | 10.08875 | .1039032 | .1192306 | 10.21918 | .0201060 | .0163536 |

Sample Name: PB130974BS      Acquired: 08/14/2020 16:52:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS974      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |            |
|--------|----------|----------|----------|------------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm        |
| Avg    | .0209281 | .1598643 | .2164139 | F .0081353 | .2071578 | F .1038036 |
| Stddev | .0002562 | .0085240 | .0003022 | .0014568   | .0018027 | .0001630   |
| %RSD   | 1.224179 | 5.332013 | .1396191 | 17.90756   | .8702081 | .1570369   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207155 | .1632077 | .2164707 | .0064651 | .2062943 | .1039904 |
| #2 | .0212126 | .1662098 | .2166837 | .0087965 | .2059493 | .1036905 |
| #3 | .0208562 | .1501755 | .2160874 | .0091442 | .2092299 | .1037298 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2057550 |
| Stddev | .0002947 |
| %RSD   | .1432542 |

|    |          |
|----|----------|
| #1 | .2054574 |
| #2 | .2060468 |
| #3 | .2057610 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1152.928 | 2124.104 | 28866.27 | 6231.964 | 2410.356 |
| Stddev    | 2.814    | 10.463   | 33.25    | 9.876    | 5.617    |
| %RSD      | .2440457 | .4926072 | .1151843 | .1584767 | .2330208 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1151.634 | 2131.532 | 28873.24 | 6226.954 | 2411.110 |
| #2 | 1156.156 | 2128.642 | 28895.49 | 6243.341 | 2415.558 |
| #3 | 1150.994 | 2112.137 | 28830.10 | 6225.596 | 2404.401 |

Sample Name: PB130974BL      Acquired: 08/14/2020 16:48:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS974      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001667 | .0003599 | .0006981 | .0004472 | .0000157 | -.001812 | -.000995 |
| Stddev | .001861  | .0020104 | .0006843 | .0023278 | .0020090 | .015080  | .000625  |
| %RSD   | 111.6357 | 558.5732 | 98.02913 | 520.5354 | 12836.23 | 832.3002 | 62.85463 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000236  | -.000717 | .0014872 | .0020713 | -.000300 | .006001  | -.000273 |
| #2 | -.001755 | -.000882 | .0002691 | .0014899 | -.001817 | .007758  | -.001374 |
| #3 | -.003482 | .002679  | .0003379 | -.002220 | .002164  | -.019195 | -.001338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000518 | .0000136 | -.010730 | .0002849 | -.000355 | .0030014 | .0071647 |
| Stddev | .0000556 | .0000407 | .006159  | .0002770 | .000228  | .0015178 | .0082190 |
| %RSD   | 107.2367 | 299.0297 | 57.39940 | 97.22480 | 64.26216 | 50.56912 | 114.7145 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001160 | .0000520 | -.009454 | .0005973 | -.000094 | .0039134 | .0152329 |
| #2 | .0000222 | .0000177 | -.005309 | .0000692 | -.000455 | .0038414 | -.001197 |
| #3 | .0000173 | -.000029 | -.017427 | .0001882 | -.000517 | .0012493 | .007459  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001082 | .0168875 | .0002823 | .0000037 | .3749010 | -.001011 | .0005887 |
| Stddev | .0003690 | .0200351 | .0004757 | .0003432 | .1310428 | .002557  | .0009828 |
| %RSD   | 341.0355 | 118.6385 | 168.5342 | 9343.540 | 34.95397 | 252.8533 | 166.9513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000271 | -.000787 | .0008313 | -.000382 | .5085467 | -.002381 | .0013193 |
| #2 | .000130  | .038652  | .0000222 | .000276  | .3695298 | -.002592 | .0009754 |
| #3 | .000466  | .012797  | -.000007 | .000116  | .2466263 | .001939  | -.000529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0501319 | .0007453 | -.006032 | -.000106 | -.012709 | -.002418 | -.004828 |
| Stddev | .0070189 | .0012189 | .000368  | .000064  | .006577  | .001829  | .001627  |
| %RSD   | 14.00078 | 163.5552 | 6.106037 | 60.54150 | 51.75031 | 75.63578 | 33.69865 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0463226 | .0009907 | -.005773 | -.000174 | -.009196 | -.000568 | -.003656 |
| #2 | .0582318 | .0018227 | -.006453 | -.000047 | -.020297 | -.002461 | -.006686 |
| #3 | .0458413 | -.000578 | -.005869 | -.000097 | -.008635 | -.004226 | -.004143 |



Sample Name: PB130974BL      Acquired: 08/14/2020 16:48:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS974      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003052 | .0041594 | -.000101 |
| Stddev | .0006706 | .0017011 | .000072  |
| %RSD   | 219.7355 | 40.89783 | 71.60389 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007838 | .0031354 | -.000123 |
| #2 | -.000461 | .0061230 | -.000159 |
| #3 | .000593  | .0032196 | -.000020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1135.810 | 2102.912 | 28439.86 | 6166.922 | 2389.698 |
| Stddev    | 4.149    | 1.066    | 6.37     | 10.497   | 2.016    |
| %RSD      | .3652473 | .0507143 | .0224031 | .1702148 | .0843823 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1140.530 | 2103.517 | 28432.75 | 6178.878 | 2389.012 |
| #2 | 1132.740 | 2101.681 | 28441.76 | 6159.221 | 2391.968 |
| #3 | 1134.160 | 2103.540 | 28445.06 | 6162.666 | 2388.113 |

Sample Name: L3673-10      Acquired: 08/14/2020 16:56:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0386735 | .0055639 | 1.309320 | .0039650 | .0023283 | 81.19083 | 1.119018 |
| Stddev | .0042211 | .0016443 | .010620  | .0033014 | .0019506 | .27979   | .002247  |
| %RSD   | 10.91481 | 29.55374 | .8111214 | 83.26281 | 83.77974 | .3446055 | .2008283 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0343757 | .0072445 | 1.312941 | .0042797 | .0021744 | 80.87475 | 1.116562 |
| #2 | .0388311 | .0054889 | 1.297362 | .0070977 | .0004591 | 81.40676 | 1.120971 |
| #3 | .0428136 | .0039584 | 1.317656 | .0005175 | .0043512 | 81.29098 | 1.119521 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076086 | .0005010 | 384.3988 | .1106987 | .2065300 | .3052869 | 130.1744 |
| Stddev | .0000777 | .0000240 | .3858    | .0004259 | .0003333 | .0009063 | .4813    |
| %RSD   | 1.021426 | 4.781675 | .1003518 | .3847334 | .1613879 | .2968558 | .3697610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075282 | .0004945 | 384.2136 | .1108417 | .2066833 | .3042519 | 129.6413 |
| #2 | .0076834 | .0004809 | 384.1406 | .1110348 | .2061477 | .3059381 | 130.5772 |
| #3 | .0076144 | .0005275 | 384.8422 | .1102198 | .2067592 | .3056707 | 130.3046 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.69313 | 208.5384 | .1743686 | .0020673 | .6743379 | .2171870 | .7793155 |
| Stddev | .01921   | .6673    | .0009543 | .0001806 | .1219533 | .0008056 | .0035618 |
| %RSD   | .1796316 | .3200021 | .5472755 | 8.733790 | 18.08489 | .3709467 | .4570418 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.71191 | 207.8783 | .1742356 | .0022540 | .7295090 | .2179395 | .7817273 |
| #2 | 10.67352 | 209.2128 | .1734878 | .0020543 | .5345484 | .2172844 | .7752245 |
| #3 | 10.69395 | 208.5241 | .1753824 | .0018936 | .7589562 | .2163371 | .7809947 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.33785 | 6.033350 | .0231545 | .0051089 | 5.067186 | 4.517028 | -.003465 |
| Stddev | .04295   | .009372  | .0021146 | .0005344 | .037031  | .047590  | .000733  |
| %RSD   | .4154627 | .1553320 | 9.132586 | 10.46040 | .7308040 | 1.053572 | 21.15648 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.38237 | 6.039540 | .0216228 | .0057259 | 5.030331 | 4.495665 | -.003351 |
| #2 | 10.29667 | 6.022568 | .0222736 | .0048072 | 5.066835 | 4.571556 | -.002796 |
| #3 | 10.33452 | 6.037943 | .0255672 | .0047935 | 5.104391 | 4.483863 | -.004249 |

Sample Name: L3673-10      Acquired: 08/14/2020 16:56:45      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9448303 | .0574286 | .1830827 |
| Stddev | .0066718 | .0014949 | .0005527 |
| %RSD   | .7061365 | 2.603065 | .3018846 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9522762 | .0561821 | .1825796 |
| #2 | .9393950 | .0570177 | .1836743 |
| #3 | .9428197 | .0590859 | .1829943 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1243.464 | 2264.297 | 31961.83 | 7050.631 | 2133.502 |
| Stddev    | 8.616    | 2.358    | 130.37   | 9.076    | 1.274    |
| %RSD      | .6929065 | .1041396 | .4079078 | .1287309 | .0597053 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1233.986 | 2265.101 | 31829.68 | 7044.081 | 2134.385 |
| #2 | 1250.822 | 2261.642 | 31965.48 | 7060.992 | 2134.080 |
| #3 | 1245.583 | 2266.149 | 32090.35 | 7046.821 | 2132.042 |

Sample Name: L3673-11      Acquired: 08/14/2020 17:00:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0351370 | .0023337 | 1.314559 | .0051236 | .0004714 | 80.92917 | 1.116684 |
| Stddev | .0025640 | .0024549 | .003321  | .0008203 | .0014851 | .09825   | .001322  |
| %RSD   | 7.297016 | 105.1953 | .2526391 | 16.01083 | 315.0122 | .1214029 | .1183961 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0369937 | .0007702 | 1.312692 | .0058898 | .0021555 | 80.94160 | 1.115847 |
| #2 | .0322115 | .0051632 | 1.312592 | .0042581 | -.000090 | 81.02061 | 1.118208 |
| #3 | .0362056 | .0010677 | 1.318394 | .0052228 | -.000651 | 80.82530 | 1.115998 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075406 | .0005560 | 385.7488 | .1098029 | .2071942 | .3021720 | 129.3562 |
| Stddev | .0000620 | .0001145 | .5305    | .0006062 | .0014085 | .0011435 | .5184    |
| %RSD   | .8217777 | 20.59624 | .1375316 | .5520620 | .6798197 | .3784216 | .4007534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075363 | .0006821 | 385.9167 | .1103860 | .2071443 | .3033703 | 129.6195 |
| #2 | .0076046 | .0004587 | 385.1546 | .1098468 | .2058113 | .3020532 | 129.6902 |
| #3 | .0074808 | .0005271 | 386.1750 | .1091760 | .2086271 | .3010926 | 128.7590 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.68060 | 206.7455 | .1760325 | .0015415 | .5783801 | .2155644 | .7800426 |
| Stddev | .04850   | .9443    | .0019299 | .0001278 | .1920130 | .0023907 | .0023286 |
| %RSD   | .4540543 | .4567490 | 1.096334 | 8.287820 | 33.19840 | 1.109052 | .2985200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.71406 | 207.0144 | .1755591 | .0015482 | .4975001 | .2128250 | .7785824 |
| #2 | 10.62498 | 207.5261 | .1743834 | .0016657 | .4400386 | .2172298 | .7788174 |
| #3 | 10.70275 | 205.6958 | .1781551 | .0014105 | .7976015 | .2166383 | .7827280 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.16012 | 6.053171 | .0234117 | .0049601 | 5.092612 | 4.494124 | -.004074 |
| Stddev | .04150   | .027756  | .0024172 | .0003337 | .019171  | .083101  | .003603  |
| %RSD   | .4084844 | .4585437 | 10.32462 | 6.727136 | .3764529 | 1.849099 | 88.44774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.17196 | 6.026276 | .0206346 | .0047830 | 5.073118 | 4.589188 | -.008211 |
| #2 | 10.11398 | 6.051521 | .0250422 | .0047523 | 5.093274 | 4.457896 | -.002387 |
| #3 | 10.19442 | 6.081715 | .0245583 | .0053449 | 5.111443 | 4.435286 | -.001624 |

Sample Name: L3673-11      Acquired: 08/14/2020 17:00:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD9D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9477869 | .0578710 | .1831498 |
| Stddev | .0049558 | .0006914 | .0005345 |
| %RSD   | .5228830 | 1.194744 | .2918270 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9517170 | .0586486 | .1830600 |
| #2 | .9494240 | .0573254 | .1837235 |
| #3 | .9422196 | .0576391 | .1826659 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1232.056 | 2265.629 | 31808.25 | 7064.050 | 2130.340 |
| Stddev    | 1.962    | 4.438    | 68.12    | 28.920   | 6.251    |
| %RSD      | .1592161 | .1958727 | .2141737 | .4094000 | .2934396 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1233.922 | 2267.604 | 31783.51 | 7033.577 | 2134.472 |
| #2 | 1232.234 | 2268.736 | 31755.96 | 7091.116 | 2133.400 |
| #3 | 1230.011 | 2260.547 | 31885.29 | 7067.457 | 2123.148 |

Sample Name: L3673-01      Acquired: 08/14/2020 17:12:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0236448 | .0005093 | 4.077823 | .0042648 | .0012911 | 75.17954 | 1.935695 |
| Stddev | .0033894 | .0037323 | .015202  | .0009319 | .0018361 | .08278   | .002677  |
| %RSD   | 14.33456 | 732.8507 | .3728013 | 21.85204 | 142.2071 | .1101088 | .1382992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0204699 | .0048177 | 4.065676 | .0037951 | .0029871 | 75.11289 | 1.937307 |
| #2 | .0272142 | -.001555 | 4.094871 | .0036612 | .0015448 | 75.15352 | 1.932605 |
| #3 | .0232504 | -.001735 | 4.072922 | .0053382 | -.000659 | 75.27220 | 1.937173 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079250 | .0038039 | 28.36922 | .1030886 | .1337790 | .1920620 | 120.7208 |
| Stddev | .0000226 | .0001376 | .02514   | .0008980 | .0006885 | .0018989 | .2950    |
| %RSD   | .2856548 | 3.617025 | .0886074 | .8710888 | .5146593 | .9887133 | .2443753 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079048 | .0037994 | 28.37794 | .1031471 | .1330850 | .1908245 | 120.4127 |
| #2 | .0079209 | .0039436 | 28.34089 | .1021628 | .1344619 | .1911130 | 120.7491 |
| #3 | .0079495 | .0036686 | 28.38884 | .1039560 | .1337900 | .1942483 | 121.0007 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.70387 | 11.22449 | .1640895 | .0029932 | .6056866 | .2068195 | 1.722139 |
| Stddev | .02889   | .04155   | .0007851 | .0001342 | .0698975 | .0029224 | .022017  |
| %RSD   | .1965091 | .3701823 | .4784261 | 4.484223 | 11.54021 | 1.413014 | 1.278494 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.71198 | 11.18104 | .1638575 | .0029940 | .5419393 | .2049149 | 1.743202 |
| #2 | 14.67179 | 11.22859 | .1649644 | .0031270 | .5946900 | .2053594 | 1.699277 |
| #3 | 14.72784 | 11.26384 | .1634465 | .0028585 | .6804307 | .2101842 | 1.723938 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.971449 | 5.609291 | .0309545 | .0045248 | 3.244224 | 2.630428 | .0269561 |
| Stddev | .097451  | .006263  | .0026635 | .0005116 | .006998  | .012211  | .0024528 |
| %RSD   | 1.222505 | .1116600 | 8.604460 | 11.30565 | .2157115 | .4642233 | 9.099037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.936581 | 5.616221 | .0299225 | .0045545 | 3.239092 | 2.644454 | .0248055 |
| #2 | 8.081538 | 5.607619 | .0289615 | .0050209 | 3.241384 | 2.622167 | .0296274 |
| #3 | 7.896228 | 5.604034 | .0339795 | .0039991 | 3.252196 | 2.624663 | .0264353 |

Sample Name: L3673-01      Acquired: 08/14/2020 17:12:38      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9378230 | .0420559 | .1201406 |
| Stddev | .0045693 | .0002823 | .0003353 |
| %RSD   | .4872255 | .6712819 | .2791338 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9383895 | .0417449 | .1198794 |
| #2 | .9329968 | .0422959 | .1200237 |
| #3 | .9420826 | .0421270 | .1205188 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1391.069 | 2553.262 | 35225.00 | 7601.034 | 2399.566 |
| Stddev    | 15.527   | 1.797    | 160.80   | 11.734   | .817     |
| %RSD      | 1.116180 | .0703770 | .4564995 | .1543785 | .0340333 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1375.679 | 2554.633 | 35039.76 | 7598.753 | 2399.785 |
| #2 | 1406.729 | 2553.926 | 35328.71 | 7590.608 | 2398.663 |
| #3 | 1390.800 | 2551.228 | 35306.52 | 7613.742 | 2400.251 |

Sample Name: L3673-12      Acquired: 08/14/2020 17:04:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1043553 | .0817385 | 1.387536 | .0642826 | .0633480 | 85.61245 | 4.633779 |
| Stddev | .0030879 | .0032005 | .002119  | .0060278 | .0009445 | .25669   | .027406  |
| %RSD   | 2.959047 | 3.915534 | .1527315 | 9.376960 | 1.490985 | .2998259 | .5914341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1075470 | .0854239 | 1.387973 | .0577961 | .0638843 | 85.73236 | 4.659918 |
| #2 | .1041362 | .0801337 | 1.385232 | .0653400 | .0639023 | 85.78725 | 4.636157 |
| #3 | .1013828 | .0796580 | 1.389402 | .0697116 | .0622575 | 85.31775 | 4.605262 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0927321 | .0971533 | 377.2290 | .4443618 | 1.169375 | .8670396 | 130.5501 |
| Stddev | .0005023 | .0002792 | .9765    | .0016370 | .002755  | .0062099 | .7247    |
| %RSD   | .5416719 | .2873706 | .2588650 | .3684056 | .2356236 | .7162171 | .5551074 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0931213 | .0968553 | 377.6626 | .4438722 | 1.166813 | .8674505 | 131.0757 |
| #2 | .0929100 | .0971958 | 377.9136 | .4430254 | 1.169022 | .8730338 | 130.8513 |
| #3 | .0921651 | .0974087 | 376.1108 | .4461878 | 1.172289 | .8606345 | 129.7234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.43270 | 204.8167 | 1.135467 | .0896040 | .7857999 | 1.062879 | 1.774701 |
| Stddev | .06361   | 1.2627   | .002385  | .0003246 | .3350997 | .005519  | .017594  |
| %RSD   | .5563724 | .6164940 | .2100528 | .3622686 | 42.64440 | .5192600 | .9913611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.48507 | 205.6661 | 1.133239 | .0892465 | 1.101893 | 1.059248 | 1.757363 |
| #2 | 11.45112 | 205.4183 | 1.135179 | .0896853 | .821029  | 1.069230 | 1.792540 |
| #3 | 11.36191 | 203.3658 | 1.137983 | .0898802 | .434477  | 1.060159 | 1.774202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.29312 | 5.902079 | .0254745 | .0052483 | 5.519545 | 3.294456 | -.003563 |
| Stddev | .13226   | .010034  | .0019332 | .0004694 | .009178  | .069870  | .000393  |
| %RSD   | 1.284911 | .1700087 | 7.588834 | 8.942815 | .1662781 | 2.120847 | 11.03449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.44197 | 5.898006 | .0232847 | .0047754 | 5.526506 | 3.375121 | -.003965 |
| #2 | 10.24829 | 5.894722 | .0261944 | .0057140 | 5.509144 | 3.252791 | -.003180 |
| #3 | 10.18911 | 5.913509 | .0269445 | .0052555 | 5.522985 | 3.255457 | -.003544 |



Sample Name: L3673-12      Acquired: 08/14/2020 17:04:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8679080 | .0583784 | .1812421 |
| Stddev | .0103116 | .0005568 | .0004307 |
| %RSD   | 1.188102 | .9537352 | .2376216 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8788946 | .0590194 | .1815618 |
| #2 | .8663898 | .0580147 | .1814121 |
| #3 | .8584397 | .0581012 | .1807523 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1226.131 | 2237.291 | 31465.86 | 6982.387 | 2115.311 |
| Stddev    | 3.769    | 2.811    | 75.52    | 42.523   | 1.846    |
| %RSD      | .3074172 | .1256404 | .2400148 | .6090083 | .0872550 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1230.223 | 2238.919 | 31548.85 | 6957.643 | 2114.361 |
| #2 | 1222.801 | 2238.908 | 31447.58 | 6958.030 | 2117.438 |
| #3 | 1225.369 | 2234.045 | 31401.16 | 7031.489 | 2114.133 |

Sample Name: L3673-03      Acquired: 08/14/2020 17:20:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140879 | .0018862 | .2893798 | .0052004 | .0014440 | 82.36590 | 1.702607 |
| Stddev | .0014401 | .0022212 | .0010769 | .0026993 | .0029502 | .20952   | .003551  |
| %RSD   | 10.22204 | 117.7560 | .3721470 | 51.90565 | 204.3085 | .2543822 | .2085534 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0129729 | .0030364 | .2906143 | .0072532 | -.000946 | 82.15425 | 1.699270 |
| #2 | .0157138 | -.000674 | .2886332 | .0062051 | .004741  | 82.37022 | 1.706339 |
| #3 | .0135771 | .003297  | .2888919 | .0021428 | .000536  | 82.57323 | 1.702212 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073359 | .0015800 | 75.67836 | .0884891 | .0738096 | .1696769 | 132.4356 |
| Stddev | .0002022 | .0000870 | .07486   | .0004993 | .0001233 | .0016114 | .5288    |
| %RSD   | 2.756256 | 5.506948 | .0989185 | .5642177 | .1670940 | .9497198 | .3992690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0071327 | .0015708 | 75.59244 | .0886927 | .0738709 | .1689203 | 132.3615 |
| #2 | .0075371 | .0016713 | 75.72952 | .0879202 | .0738903 | .1715274 | 131.9477 |
| #3 | .0073379 | .0014980 | 75.71313 | .0888543 | .0736676 | .1685829 | 132.9975 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.819226 | 11.43136 | .0894978 | .0020755 | .5085046 | .1823792 | 1.189267 |
| Stddev | .013135  | .04761   | .0004096 | .0003417 | .1439730 | .0030918 | .010625  |
| %RSD   | .1489348 | .4165098 | .4576122 | 16.46410 | 28.31302 | 1.695264 | .8933790 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.818908 | 11.43574 | .0898960 | .0021891 | .5856544 | .1859493 | 1.194615 |
| #2 | 8.832517 | 11.38171 | .0890777 | .0016914 | .3423986 | .1805770 | 1.177031 |
| #3 | 8.806253 | 11.47663 | .0895196 | .0023459 | .5974606 | .1806115 | 1.196155 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.730353 | 7.401745 | .0575027 | .0062762 | 5.104378 | 2.391544 | .0098591 |
| Stddev | .039931  | .012655  | .0019070 | .0003564 | .006895  | .052136  | .0016504 |
| %RSD   | .5165491 | .1709672 | 3.316290 | 5.677773 | .1350761 | 2.180023 | 16.74018 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.741756 | 7.387238 | .0593915 | .0059903 | 5.098289 | 2.420987 | .0093321 |
| #2 | 7.685961 | 7.410514 | .0555781 | .0066754 | 5.111864 | 2.422299 | .0085365 |
| #3 | 7.763343 | 7.407484 | .0575385 | .0061628 | 5.102980 | 2.331347 | .0117086 |

Sample Name: L3673-03      Acquired: 08/14/2020 17:20:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8281727 | .0447073 | .3349364 |
| Stddev | .0035673 | .0026571 | .0001579 |
| %RSD   | .4307420 | 5.943387 | .0471497 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8267321 | .0416717 | .3349524 |
| #2 | .8255509 | .0458389 | .3350858 |
| #3 | .8322350 | .0466113 | .3347711 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1286.999 | 2361.475 | 32688.08 | 7058.673 | 2360.761 |
| Stddev    | 4.011    | 5.138    | 44.51    | 20.399   | 3.622    |
| %RSD      | .3116410 | .2175694 | .1361648 | .2889975 | .1534141 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1282.444 | 2363.105 | 32638.79 | 7076.102 | 2359.000 |
| #2 | 1290.002 | 2365.599 | 32725.33 | 7063.681 | 2364.926 |
| #3 | 1288.550 | 2355.719 | 32700.11 | 7036.236 | 2358.356 |

Sample Name: L3673-02      Acquired: 08/14/2020 17:16:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0341767 | .0167088 | .8260226 | .0043868 | .0010568 | 115.1796 | 1.548135 |
| Stddev | .0009681 | .0026789 | .0015905 | .0008515 | .0022096 | .2415    | .002391  |
| %RSD   | 2.832698 | 16.03276 | .1925537 | 19.41088 | 209.0793 | .2097025 | .1544158 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0344801 | .0162661 | .8255280 | .0035473 | .0035919 | 115.0959 | 1.546891 |
| #2 | .0330933 | .0142788 | .8278017 | .0043633 | .0000392 | 114.9911 | 1.546623 |
| #3 | .0349569 | .0195814 | .8247382 | .0052499 | -.000461 | 115.4519 | 1.550891 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0171392 | .0030939 | 119.6297 | .1265093 | .1654843 | .2067788 | 226.4489 |
| Stddev | .0000950 | .0001211 | .0889    | .0006996 | .0004869 | .0004084 | .7636    |
| %RSD   | .5541377 | 3.913350 | .0743248 | .5530315 | .2942228 | .1975185 | .3372083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0172022 | .0029628 | 119.6075 | .1264614 | .1649335 | .2071945 | 226.3263 |
| #2 | .0170300 | .0031175 | 119.5540 | .1258349 | .1658573 | .2067638 | 225.7540 |
| #3 | .0171854 | .0032015 | 119.7276 | .1272317 | .1656621 | .2063781 | 227.2664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.70084 | 64.89382 | .2320776 | .0037777 | .3941088 | .2650110 | 1.040348 |
| Stddev | .01835   | .44145   | .0008358 | .0004507 | .1453936 | .0044025 | .004263  |
| %RSD   | .0886307 | .6802658 | .3601362 | 11.93027 | 36.89173 | 1.661239 | .4097911 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 20.72189 | 64.84282 | .2329307 | .0032604 | .3959956 | .2666207 | 1.044537 |
| #2 | 20.69241 | 64.48009 | .2320418 | .0040853 | .2477810 | .2600302 | 1.040493 |
| #3 | 20.68823 | 65.35856 | .2312603 | .0039875 | .5385498 | .2683821 | 1.036014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.07850 | 9.291268 | .0399201 | .0056863 | 3.379237 | 2.773281 | .0137186 |
| Stddev | .06409   | .007356  | .0018853 | .0007490 | .007405  | .063348  | .0025125 |
| %RSD   | .4552335 | .0791701 | 4.722602 | 13.17280 | .2191445 | 2.284242 | 18.31453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.14364 | 9.297528 | .0419632 | .0059618 | 3.386156 | 2.755566 | .0138526 |
| #2 | 14.01552 | 9.293110 | .0382478 | .0062585 | 3.371426 | 2.720676 | .0111418 |
| #3 | 14.07634 | 9.283166 | .0395492 | .0048385 | 3.380128 | 2.843601 | .0161615 |

Sample Name: L3673-02      Acquired: 08/14/2020 17:16:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4195346 | .0565427 | .1147611 |
| Stddev | .0020588 | .0004052 | .0002033 |
| %RSD   | .4907351 | .7166739 | .1771074 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4175870 | .0568891 | .1146783 |
| #2 | .4216890 | .0560971 | .1146123 |
| #3 | .4193277 | .0566419 | .1149927 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1409.688 | 2590.804 | 35898.32 | 7891.665 | 2285.757 |
| Stddev    | 12.583   | 1.938    | 172.04   | 21.207   | 2.412    |
| %RSD      | .8926291 | .0748217 | .4792406 | .2687247 | .1055089 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1396.739 | 2591.476 | 35771.17 | 7867.817 | 2283.146 |
| #2 | 1410.457 | 2588.619 | 35829.72 | 7908.405 | 2286.226 |
| #3 | 1421.870 | 2592.317 | 36094.08 | 7898.773 | 2287.900 |

Sample Name: L3673-10LX5      Acquired: 08/14/2020 17:08:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080768 | .0003911 | .2545604 | .0039608 | -.002545 | 17.31889 | .2321730 |
| Stddev | .0030026 | .0026862 | .0027987 | .0012067 | .002064  | .09819   | .0006310 |
| %RSD   | 37.17545 | 686.8464 | 1.099435 | 30.46543 | 81.09537 | .5669337 | .2717867 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0114518 | -.002710 | .2527480 | .0028997 | -.002255 | 17.27532 | .2326366 |
| #2 | .0070765 | .002004  | .2531494 | .0052734 | -.004739 | 17.25002 | .2314544 |
| #3 | .0057020 | .001880  | .2577837 | .0037092 | -.000642 | 17.43132 | .2324280 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018612 | -.000009 | 81.30383 | .0245002 | .0380370 | .0676463 | 28.32879 |
| Stddev | .0000231 | .000068  | .17551   | .0003109 | .0001664 | .0003972 | .14446   |
| %RSD   | 1.242503 | 790.2593 | .2158701 | 1.268850 | .4375503 | .5871842 | .5099376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018536 | -.000056 | 81.17567 | .0243040 | .0379069 | .0680864 | 28.31005 |
| #2 | .0018872 | -.000039 | 81.23195 | .0248586 | .0382246 | .0675382 | 28.19462 |
| #3 | .0018429 | .000069  | 81.50387 | .0243380 | .0379796 | .0673144 | 28.48171 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.313283 | 44.21483 | .0336469 | .0005326 | .1459923 | .0469765 | .1459975 |
| Stddev | .001918  | .22084   | .0002810 | .0001326 | .1557265 | .0032007 | .0024528 |
| %RSD   | .0829022 | .4994741 | .8350642 | 24.89247 | 106.6676 | 6.813434 | 1.680044 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.314876 | 44.20432 | .0336359 | .0004513 | .1903958 | .0432816 | .1436525 |
| #2 | 2.311154 | 43.99942 | .0333716 | .0006856 | -.027113 | .0488963 | .1457945 |
| #3 | 2.313817 | 44.44073 | .0339332 | .0004609 | .274694  | .0487515 | .1485456 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.044626 | 1.161986 | .0012878 | .0009850 | .9600624 | .9902604 | -.005999 |
| Stddev | .016407  | .008631  | .0008790 | .0004183 | .0058193 | .0039960 | .001491  |
| %RSD   | .8024588 | .7428075 | 68.25989 | 42.47028 | .6061359 | .4035339 | 24.85208 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.026781 | 1.163434 | .0003328 | .0007959 | .9594453 | .9924595 | -.006740 |
| #2 | 2.059059 | 1.169802 | .0014674 | .0006945 | .9661656 | .9926739 | -.006974 |
| #3 | 2.048038 | 1.152722 | .0020631 | .0014644 | .9545762 | .9856478 | -.004283 |

Sample Name: L3673-10LX5      Acquired: 08/14/2020 17:08:36      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD9L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2023400 | .0130028 | .0387420 |
| Stddev | .0013450 | .0011066 | .0000922 |
| %RSD   | .6647223 | 8.510551 | .2380207 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2014532 | .0121486 | .0388315 |
| #2 | .2016791 | .0142529 | .0386473 |
| #3 | .2038875 | .0126070 | .0387471 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1172.670 | 2158.223 | 29408.74 | 6395.836 | 2334.856 |
| Stddev    | 8.417    | 3.585    | 106.54   | 38.892   | 2.080    |
| %RSD      | .7177532 | .1660931 | .3622879 | .6080876 | .0891035 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1175.440 | 2157.198 | 29441.43 | 6366.744 | 2334.774 |
| #2 | 1179.352 | 2162.209 | 29495.11 | 6440.011 | 2336.976 |
| #3 | 1163.217 | 2155.263 | 29289.68 | 6380.754 | 2332.817 |

Sample Name: L3673-04      Acquired: 08/14/2020 17:24:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0661901 | .0046095 | 1.523769 | .0044527 | .0011296 | 61.18443 | 1.341963 |
| Stddev | .0006231 | .0047120 | .005317  | .0023475 | .0013343 | .10791   | .003228  |
| %RSD   | .9413125 | 102.2230 | .3489339 | 52.71925 | 118.1242 | .1763695 | .2405569 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0654755 | .0053680 | 1.525538 | .0065224 | .0005350 | 61.14256 | 1.340504 |
| #2 | .0666198 | .0088963 | 1.517793 | .0049338 | .0026579 | 61.10372 | 1.339722 |
| #3 | .0664750 | -.000436 | 1.527976 | .0019020 | .0001959 | 61.30700 | 1.345663 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086518 | .0053885 | 45.47129 | .1195992 | .2130223 | .5446045 | 138.4851 |
| Stddev | .0000459 | .0001501 | .18037   | .0003855 | .0002548 | .0027965 | .1940    |
| %RSD   | .5311567 | 2.786187 | .3966748 | .3223491 | .1196228 | .5134846 | .1400908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086875 | .0055560 | 45.43949 | .1199626 | .2130391 | .5416752 | 138.6488 |
| #2 | .0086679 | .0053434 | 45.30894 | .1191948 | .2127595 | .5472458 | 138.5357 |
| #3 | .0085999 | .0052661 | 45.66545 | .1196400 | .2132683 | .5448924 | 138.2708 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.47094 | 18.78136 | .3000426 | .0032702 | .3011727 | .2119633 | 3.151443 |
| Stddev | .02964   | .06856   | .0008954 | .0001724 | .1703493 | .0018270 | .019077  |
| %RSD   | .2200423 | .3650576 | .2984273 | 5.272132 | 56.56199 | .8619413 | .6053574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.43959 | 18.78557 | .3008699 | .0034496 | .3368415 | .2099918 | 3.139541 |
| #2 | 13.47471 | 18.71079 | .3001659 | .0031057 | .4508636 | .2122991 | 3.173447 |
| #3 | 13.49851 | 18.84772 | .2990919 | .0032554 | .1158132 | .2135992 | 3.141341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.491964 | 6.412594 | .0212390 | .0075651 | 3.459224 | 2.967850 | .0039660 |
| Stddev | .062001  | .011068  | .0039713 | .0003924 | .018458  | .010889  | .0004765 |
| %RSD   | 1.128934 | .1725965 | 18.69825 | 5.186523 | .5335973 | .3669039 | 12.01449 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.546638 | 6.423996 | .0189122 | .0075990 | 3.445175 | 2.979507 | .0045073 |
| #2 | 5.424600 | 6.401894 | .0258246 | .0071570 | 3.452368 | 2.966104 | .0037809 |
| #3 | 5.504654 | 6.411892 | .0189803 | .0079395 | 3.480129 | 2.957940 | .0036099 |



Sample Name: L3673-04      Acquired: 08/14/2020 17:24:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6873731 | .0266460 | .0873209 |
| Stddev | .0080622 | .0006903 | .0001741 |
| %RSD   | 1.172896 | 2.590802 | .1993413 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6846459 | .0271884 | .0872215 |
| #2 | .6810282 | .0258689 | .0872194 |
| #3 | .6964451 | .0268806 | .0875219 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1417.104 | 2608.770 | 35923.37 | 7730.075 | 2358.287 |
| Stddev    | 5.819    | 4.045    | 150.44   | 24.182   | 4.671    |
| %RSD      | .4106194 | .1550650 | .4187799 | .3128264 | .1980553 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1418.182 | 2609.069 | 35757.06 | 7702.308 | 2357.882 |
| #2 | 1410.821 | 2612.658 | 35963.06 | 7746.507 | 2363.147 |
| #3 | 1422.308 | 2604.584 | 36049.99 | 7741.410 | 2353.832 |

Sample Name: CCV061      Acquired: 08/14/2020 17:39:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV061      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.810710 | 4.883996 | 24.34465 | 4.889904 | 4.866557 | 398.3211 | 10.18154 |
| Stddev | .026956  | .005905  | .10474   | .034513  | .019294  | 4.8699   | .06167   |
| %RSD   | .5603382 | .1209002 | .4302242 | .7058081 | .3964652 | 1.222602 | .6056677 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.798981 | 4.881496 | 24.26018 | 4.865502 | 4.859717 | 403.8121 | 10.21114 |
| #2 | 4.791605 | 4.890739 | 24.31194 | 4.874818 | 4.851615 | 394.5259 | 10.22283 |
| #3 | 4.841543 | 4.879752 | 24.46184 | 4.929392 | 4.888339 | 396.6251 | 10.11066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5087588 | 2.447585 | 410.0563 | 15.03499 | 2.468946 | 15.25547 | 428.4634 |
| Stddev | .0045119 | .014096  | 2.0172   | .06264   | .009580  | .09047   | 2.5519   |
| %RSD   | .8868464 | .5759069 | .4919283 | .4166451 | .3880238 | .5930111 | .5956000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5123965 | 2.435768 | 410.8379 | 15.10548 | 2.463469 | 15.27478 | 430.1714 |
| #2 | .5101699 | 2.443802 | 411.5658 | 15.01375 | 2.463361 | 15.33473 | 429.6889 |
| #3 | .5037100 | 2.463187 | 407.7653 | 14.98572 | 2.480008 | 15.15691 | 425.5298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.94633 | 419.2612 | 2.444774 | 1.262815 | 419.1766 | 2.522096 | 15.08254 |
| Stddev | .08741   | 2.6516   | .008077  | .005416  | 1.9115   | .018204  | .05138   |
| %RSD   | .5848024 | .6324518 | .3303643 | .4289061 | .4560086 | .7217985 | .3406642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.95099 | 421.4062 | 2.440841 | 1.267544 | 420.0991 | 2.531608 | 15.07796 |
| #2 | 15.03131 | 420.0808 | 2.439418 | 1.263995 | 420.4519 | 2.533574 | 15.13607 |
| #3 | 14.85669 | 416.2965 | 2.454064 | 1.256906 | 416.9788 | 2.501106 | 15.03361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.4148 | 5.217733 | 5.100453 | 4.839675 | 5.031982 | 5.039387 | 4.932739 |
| Stddev | .9422    | .007649  | .042635  | .020539  | .015118  | .050382  | .013598  |
| %RSD   | .6024008 | .1466003 | .8358989 | .4243882 | .3004445 | .9997683 | .2756621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 156.9832 | 5.226117 | 5.122526 | 4.834733 | 5.032940 | 5.079043 | 4.925214 |
| #2 | 156.9339 | 5.211135 | 5.127526 | 4.822058 | 5.016408 | 5.056423 | 4.924567 |
| #3 | 155.3271 | 5.215948 | 5.051307 | 4.862234 | 5.046599 | 4.982696 | 4.948436 |

Sample Name: CCV061      Acquired: 08/14/2020 17:39:19      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV061      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.020152 | 5.110787 | 4.952082 |
| Stddev | .025239  | .027347  | .031456  |
| %RSD   | .5027615 | .5350931 | .6352009 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.033839 | 5.116451 | 4.939327 |
| #2 | 5.035591 | 5.134859 | 4.929008 |
| #3 | 4.991026 | 5.081051 | 4.987912 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 993.4478 | 1847.632 | 27144.91 | 5962.903 | 1953.541 |
| Stddev    | 4.1456   | 7.183    | 75.19    | 46.619   | 5.627    |
| %RSD      | .4172935 | .3887475 | .2769970 | .7818213 | .2880512 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 989.6953 | 1850.772 | 27094.27 | 5914.339 | 1958.057 |
| #2 | 992.7501 | 1852.710 | 27231.31 | 5967.072 | 1955.329 |
| #3 | 997.8980 | 1839.414 | 27109.15 | 6007.297 | 1947.237 |

Sample Name: L3673-05      Acquired: 08/14/2020 17:28:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0126639 | .0137978 | .1451597 | .0064488 | .0034663 | 91.38819 | .5427687 |
| Stddev | .0015296 | .0030168 | .0042604 | .0027744 | .0017026 | .25408   | .0014989 |
| %RSD   | 12.07818 | 21.86441 | 2.935011 | 43.02138 | 49.11830 | .2780259 | .2761582 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0142573 | .0112497 | .1475047 | .0044529 | .0021037 | 91.12717 | .5413466 |
| #2 | .0112073 | .0171289 | .1402419 | .0096169 | .0053749 | 91.63471 | .5426254 |
| #3 | .0125270 | .0130148 | .1477324 | .0052766 | .0029202 | 91.40269 | .5443341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065290 | -.002770 | 36.76506 | .2096177 | .0523096 | .0896029 | 242.4727 |
| Stddev | .0001047 | .000197  | .01142   | .0010038 | .0002761 | .0009610 | 1.3202   |
| %RSD   | 1.604021 | 7.098476 | .0310682 | .4788941 | .5277236 | 1.072463 | .5444745 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065523 | -.002906 | 36.75190 | .2106835 | .0525648 | .0900646 | 241.5422 |
| #2 | .0066201 | -.002860 | 36.77238 | .2094794 | .0520166 | .0884983 | 243.9837 |
| #3 | .0064146 | -.002545 | 36.77090 | .2086901 | .0523473 | .0902459 | 241.8922 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.587594 | 23.92860 | .0794543 | .0026435 | -.135282 | .5375116 | .3885716 |
| Stddev | .004674  | .09224   | .0002217 | .0003667 | .178368  | .0039360 | .0030257 |
| %RSD   | .2943988 | .3854838 | .2790315 | 13.87021 | 131.8494 | .7322703 | .7786616 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.592564 | 23.83958 | .0795755 | .0022646 | -.093872 | .5331238 | .3850794 |
| #2 | 1.583287 | 24.02375 | .0791984 | .0029966 | -.330713 | .5386793 | .3902271 |
| #3 | 1.586931 | 23.92246 | .0795890 | .0026693 | .018740  | .5407316 | .3904083 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.330039 | 1.238156 | .0159385 | .0089512 | 1.055695 | 4.502991 | .0048813 |
| Stddev | .115113  | .005417  | .0022541 | .0006459 | .005052  | .028100  | .0006027 |
| %RSD   | 4.940373 | .4375003 | 14.14248 | 7.216160 | .4785451 | .6240338 | 12.34688 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.362547 | 1.233005 | .0154560 | .0096186 | 1.057751 | 4.489383 | .0046657 |
| #2 | 2.202168 | 1.243805 | .0139648 | .0083291 | 1.059396 | 4.535305 | .0044161 |
| #3 | 2.425402 | 1.237658 | .0183949 | .0089060 | 1.049940 | 4.484285 | .0055621 |

Sample Name: L3673-05      Acquired: 08/14/2020 17:28:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6890956 | .0333582 | .0568087 |
| Stddev | .0065360 | .0015175 | .0002881 |
| %RSD   | .9484964 | 4.548951 | .5072010 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6869755 | .0317044 | .0568701 |
| #2 | .6838829 | .0346865 | .0570612 |
| #3 | .6964286 | .0336837 | .0564948 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1205.921 | 2233.760 | 30499.51 | 6588.049 | 2347.161 |
| Stddev    | 4.924    | 5.931    | 60.52    | 30.744   | 9.578    |
| %RSD      | .4083002 | .2655319 | .1984166 | .4666706 | .4080867 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1200.236 | 2227.014 | 30442.28 | 6575.821 | 2336.459 |
| #2 | 1208.771 | 2236.113 | 30562.85 | 6565.300 | 2350.096 |
| #3 | 1208.758 | 2238.155 | 30493.42 | 6623.026 | 2354.929 |

Sample Name: L3673-08      Acquired: 08/14/2020 17:55:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6701470 | .0142769 | 2.364252 | .0060679 | .1177865 | 110.2226 |
| Stddev | .0036855 | .0008042 | .013881  | .0044049 | .0028575 | .6033    |
| %RSD   | .5499550 | 5.632840 | .5871343 | 72.59333 | 2.426003 | .5473602 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6658918 | .0145113 | 2.353241 | .0013207 | .1148873 | 110.1840 |
| #2 | .6722157 | .0133816 | 2.359669 | .0068601 | .1206003 | 110.8443 |
| #3 | .6723334 | .0149379 | 2.379845 | .0100230 | .1178720 | 109.6395 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.132049 | .0143875 | .3040926 | 171.2204 | .6288026 | .2662010 |
| Stddev | .008402  | .0000869 | .0009619 | .2392    | .0016740 | .0010503 |
| %RSD   | .1637086 | .6039967 | .3163180 | .1397078 | .2662144 | .3945523 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.138901 | .0143399 | .3033152 | 171.3954 | .6303398 | .2652990 |
| #2 | 5.134571 | .0144878 | .3037944 | 171.3180 | .6270191 | .2659500 |
| #3 | 5.122676 | .0143349 | .3051683 | 170.9478 | .6290489 | .2673541 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.728155 | 219.7419 | 11.79664 | 30.96195 | .5519078 | .0169912 |
| Stddev | .029140  | 2.2431   | .05145   | .27914   | .0029866 | .0001197 |
| %RSD   | .5087203 | 1.020799 | .4361486 | .9015608 | .5411427 | .7042765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.741994 | 218.8554 | 11.84689 | 30.86494 | .5530122 | .0169364 |
| #2 | 5.747796 | 222.2928 | 11.79895 | 31.27666 | .5485263 | .0171284 |
| #3 | 5.694674 | 218.0774 | 11.74407 | 30.74426 | .5541850 | .0169086 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.646258 | .2893265 | 23.51259 | 10.27345 | F 14.53175 | .1770288 |
| Stddev | .128475  | .0022884 | .12364   | .04526   | .02372     | .0026171 |
| %RSD   | 4.854988 | .7909515 | .5258603 | .4405408 | .1632432   | 1.478331 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.769849 | .2919642 | 23.37009 | 10.27918 | 14.53870 | .1740572 |
| #2 | 2.513400 | .2878706 | 23.57617 | 10.31557 | 14.50533 | .1789902 |
| #3 | 2.655524 | .2881446 | 23.59150 | 10.22560 | 14.55122 | .1780389 |

Sample Name: L3673-08      Acquired: 08/14/2020 17:55:29      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087207 | 6.529556 | 3.372011 | .1336948 | 1.268006 | .0807438 |
| Stddev | .0001915 | .002509  | .053977  | .0017406 | .008621  | .0011073 |
| %RSD   | 2.195657 | .0384277 | 1.600745 | 1.301954 | .6798697 | 1.371361 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0089014 | 6.528436 | 3.331459 | .1317867 | 1.264894 | .0800698 |
| #2 | .0087407 | 6.527803 | 3.433277 | .1341017 | 1.277751 | .0801398 |
| #3 | .0085200 | 6.532431 | 3.351297 | .1351959 | 1.261373 | .0820218 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5548942 |
| Stddev | .0030283 |
| %RSD   | .5457376 |

|    |          |
|----|----------|
| #1 | .5550917 |
| #2 | .5578189 |
| #3 | .5517720 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1265.556 | 2314.831 | 32243.95 | 7013.185 | 2310.900 |
| Stddev    | 4.166    | 4.152    | 24.44    | 63.852   | 5.928    |
| %RSD      | .3291630 | .1793444 | .0758015 | .9104559 | .2565207 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1270.270 | 2316.543 | 32254.55 | 7030.476 | 2312.670 |
| #2 | 1262.370 | 2317.851 | 32215.99 | 6942.468 | 2315.742 |
| #3 | 1264.030 | 2310.097 | 32261.29 | 7066.610 | 2304.289 |

Sample Name: L3673-07      Acquired: 08/14/2020 17:51:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0414584 | .0063842 | 1.045286 | .0071471 | .0015374 | 96.31375 | 1.592903 |
| Stddev | .0036180 | .0043767 | .002738  | .0003369 | .0020015 | .11760   | .003834  |
| %RSD   | 8.726885 | 68.55575 | .2619028 | 4.713785 | 130.1833 | .1221023 | .2406908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0414296 | .0069782 | 1.043561 | .0071503 | .0008995 | 96.17844 | 1.589615 |
| #2 | .0450907 | .0104336 | 1.043855 | .0074824 | .0037801 | 96.37145 | 1.591980 |
| #3 | .0378548 | .0017408 | 1.048443 | .0068087 | -.000067 | 96.39135 | 1.597114 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0085315 | .0177081 | 28.30533 | .1365322 | .1797322 | .2437116 | 176.0793 |
| Stddev | .0000267 | .0001119 | .02665   | .0005802 | .0004718 | .0015901 | .6523    |
| %RSD   | .3126759 | .6317575 | .0941417 | .4249666 | .2624995 | .6524398 | .3704604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0085010 | .0176781 | 28.33513 | .1360789 | .1796809 | .2453553 | 175.3358 |
| #2 | .0085509 | .0178319 | 28.29707 | .1363317 | .1792881 | .2435982 | 176.5555 |
| #3 | .0085425 | .0176143 | 28.28379 | .1371861 | .1802275 | .2421812 | 176.3465 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.18757 | 13.00040 | .1881517 | .0038420 | .4046715 | .2959173 | 1.331926 |
| Stddev | .01164   | .07025   | .0004053 | .0002532 | .1466135 | .0036221 | .013105  |
| %RSD   | .0677488 | .5403390 | .2153965 | 6.589075 | 36.23025 | 1.224011 | .9839160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.20083 | 12.99470 | .1876863 | .0035862 | .2509730 | .2925939 | 1.333771 |
| #2 | 17.18283 | 12.93317 | .1883424 | .0038474 | .4200545 | .2997780 | 1.344011 |
| #3 | 17.17904 | 13.07332 | .1884265 | .0040924 | .5429870 | .2953801 | 1.317997 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.791910 | 5.690308 | .0309449 | .0050005 | 2.674073 | 3.131794 | .0046489 |
| Stddev | .051476  | .022435  | .0025048 | .0002097 | .008108  | .043804  | .0007804 |
| %RSD   | .6606340 | .3942722 | 8.094461 | 4.192745 | .3032009 | 1.398698 | 16.78574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.732598 | 5.708863 | .0337804 | .0051486 | 2.683427 | 3.083057 | .0044808 |
| #2 | 7.824934 | 5.665374 | .0290329 | .0047606 | 2.669056 | 3.144446 | .0039664 |
| #3 | 7.818198 | 5.696686 | .0300214 | .0050922 | 2.669736 | 3.167881 | .0054997 |



Sample Name: L3673-07      Acquired: 08/14/2020 17:51:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9671467 | .0493324 | .1098476 |
| Stddev | .0052988 | .0018403 | .0002917 |
| %RSD   | .5478841 | 3.730471 | .2655119 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9624674 | .0510565 | .1101643 |
| #2 | .9729004 | .0495462 | .1095900 |
| #3 | .9660724 | .0473945 | .1097884 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1330.669 | 2450.573 | 33560.11 | 7215.131 | 2344.657 |
| Stddev    | 7.765    | 1.703    | 83.44    | 2.621    | 1.439    |
| %RSD      | .5835136 | .0695049 | .2486224 | .0363260 | .0613884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1326.189 | 2448.620 | 33488.87 | 7212.125 | 2345.023 |
| #2 | 1326.183 | 2451.349 | 33651.90 | 7216.326 | 2345.877 |
| #3 | 1339.635 | 2451.750 | 33539.54 | 7216.941 | 2343.070 |

Sample Name: CCB061      Acquired: 08/14/2020 17:43:24      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB061      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001823 | .0019494 | .0023947 | .0001729 | .0002183 | .0040629 | .0005126 |
| Stddev | .0021253 | .0006309 | .0012655 | .0012688 | .0012463 | .0082042 | .0004826 |
| %RSD   | 1165.895 | 32.36236 | 52.84711 | 733.8818 | 570.8566 | 201.9306 | 94.14533 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000863 | .0021678 | .0018219 | .0015882 | .0005443 | .0109920 | .0000445 |
| #2 | -.001218 | .0012383 | .0038454 | -.000207 | -.001159 | -.004996 | .0010085 |
| #3 | .002628  | .0024420 | .0015168 | -.000863 | .001269  | .006193  | .0004847 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000891 | .0000156 | -.006888 | .0006275 | -.000120 | .0053803 | .0161675 |
| Stddev | .0000968 | .0000541 | .013440  | .0002060 | .000167  | .0012346 | .0019500 |
| %RSD   | 108.6569 | 346.6595 | 195.1328 | 32.83074 | 139.6839 | 22.94567 | 12.06151 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | -.000028 | -.002698 | .0006789 | -.000281 | .0062804 | .0183635 |
| #2 | .000112  | -.000001 | -.021924 | .0008029 | -.000130 | .0039730 | .0155004 |
| #3 | .000172  | .000076  | .003958  | .0004006 | .000053  | .0058876 | .0146385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005807 | .0230228 | .0006306 | .0001369 | .3318497 | -.000231 | -.002467 |
| Stddev | .0001203 | .0100455 | .0001278 | .0006587 | .2461400 | .000170  | .000562  |
| %RSD   | 20.71756 | 43.63291 | 20.26779 | 480.9861 | 74.17213 | 73.59771 | 22.78128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005338 | .0331282 | .0005167 | -.000548 | .4405226 | -.000279 | -.002467 |
| #2 | .0004909 | .0229019 | .0006063 | .000193  | .0500764 | -.000042 | -.003029 |
| #3 | .0007174 | .0130383 | .0007688 | .000766  | .5049503 | -.000371 | -.001905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0436954 | .0004619 | .0028523 | .0007972 | -.015356 | -.001133 | -.003009 |
| Stddev | .0657423 | .0017430 | .0006795 | .0003564 | .002192  | .001138  | .000440  |
| %RSD   | 150.4557 | 377.3409 | 23.82274 | 44.70294 | 14.27798 | 100.4966 | 14.60870 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030425 | .0003818 | .0024027 | .0007456 | -.017808 | -.002089 | -.003290 |
| #2 | .0085011 | -.001240 | .0036339 | .0011764 | -.013584 | -.001435 | -.003235 |
| #3 | .1195427 | .002243  | .0025202 | .0004694 | -.014676 | .000126  | -.002503 |

Sample Name: CCB061      Acquired: 08/14/2020 17:43:24      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB061      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000539 | .0056653 | .0000689 |
| Stddev | .0009139 | .0004811 | .0000845 |
| %RSD   | 1695.225 | 8.491894 | 122.6737 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003976 | .0052262 | .0001622 |
| #2 | .0007462 | .0061795 | -.000003 |
| #3 | -.000982 | .0055901 | .000047  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1165.435 | 2156.062 | 29115.78 | 6221.801 | 2452.618 |
| Stddev    | 2.171    | 1.222    | 86.18    | 17.709   | 6.090    |
| %RSD      | .1863018 | .0566660 | .2959821 | .2846220 | .2482877 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1162.970 | 2154.745 | 29190.60 | 6203.435 | 2447.742 |
| #2 | 1167.062 | 2157.158 | 29021.55 | 6223.198 | 2459.443 |
| #3 | 1166.274 | 2156.285 | 29135.18 | 6238.770 | 2450.668 |

Sample Name: L3673-06      Acquired: 08/14/2020 17:47:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0523511 | .0073966 | 7.761780 | .0055414 | .0018522 | 80.36202 | 1.375485 |
| Stddev | .0036112 | .0001705 | .024030  | .0018783 | .0023066 | .39086   | .002737  |
| %RSD   | 6.897966 | 2.305500 | .3095977 | 33.89486 | 124.5352 | .4863725 | .1990047 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0560217 | .0072156 | 7.751909 | .0033818 | -.000598 | 80.21515 | 1.378098 |
| #2 | .0522292 | .0075542 | 7.744257 | .0064483 | .003982  | 80.80504 | 1.375720 |
| #3 | .0488025 | .0074200 | 7.789174 | .0067942 | .002173  | 80.06587 | 1.372638 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0077701 | .0138748 | 99.99337 | .1226764 | .2057805 | .5862153 | 157.6450 |
| Stddev | .0001281 | .0001679 | .07507   | .0002257 | .0003904 | .0036808 | 1.7044   |
| %RSD   | 1.648945 | 1.210172 | .0750799 | .1839420 | .1897228 | .6278913 | 1.081163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076282 | .0139204 | 100.0195 | .1229327 | .2059606 | .5824704 | 156.9081 |
| #2 | .0078774 | .0136889 | 100.0519 | .1225076 | .2053325 | .5898284 | 159.5938 |
| #3 | .0078047 | .0140153 | 99.9087  | .1225889 | .2060483 | .5863471 | 156.4329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.820306 | 38.33829 | .2741736 | .0047998 | 1.163585 | .2549651 | 2.140605 |
| Stddev | .017121  | .42770   | .0006449 | .0004465 | .400838  | .0017292 | .003751  |
| %RSD   | .1743399 | 1.115586 | .2352127 | 9.302469 | 34.44853 | .6782181 | .1752157 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.840052 | 38.14532 | .2734293 | .0043994 | 1.623206 | .2566933 | 2.139923 |
| #2 | 9.809611 | 38.82847 | .2745668 | .0052813 | .886520  | .2549671 | 2.144650 |
| #3 | 9.811254 | 38.04108 | .2745245 | .0047187 | .981031  | .2532349 | 2.137242 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.458821 | 9.581378 | .0363095 | .0049052 | 4.743400 | 2.811104 | .0183381 |
| Stddev | .050213  | .044249  | .0046076 | .0002903 | .039211  | .053725  | .0009789 |
| %RSD   | .9198588 | .4618177 | 12.68987 | 5.917992 | .8266390 | 1.911169 | 5.338112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.466623 | 9.590144 | .0358204 | .0052293 | 4.763231 | 2.783960 | .0194131 |
| #2 | 5.504678 | 9.533403 | .0411422 | .0048172 | 4.698235 | 2.776367 | .0181035 |
| #3 | 5.405164 | 9.620588 | .0319660 | .0046691 | 4.768735 | 2.872985 | .0174979 |

Sample Name: L3673-06      Acquired: 08/14/2020 17:47:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5039275 | .0420078 | .1396861 |
| Stddev | .0054943 | .0017197 | .0006378 |
| %RSD   | 1.090286 | 4.093877 | .4566152 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5049449 | .0433081 | .1395313 |
| #2 | .5088420 | .0426575 | .1403871 |
| #3 | .4979957 | .0400579 | .1391399 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1294.674 | 2383.030 | 32961.74 | 7180.152 | 2304.784 |
| Stddev    | 3.762    | 2.824    | 202.38   | 48.494   | 4.804    |
| %RSD      | .2905905 | .1185046 | .6139706 | .6753951 | .2084537 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1292.643 | 2382.515 | 32766.39 | 7169.714 | 2306.959 |
| #2 | 1292.363 | 2386.077 | 32948.37 | 7137.727 | 2308.116 |
| #3 | 1299.015 | 2380.500 | 33170.48 | 7233.016 | 2299.277 |

Sample Name: L3673-14      Acquired: 08/14/2020 18:07:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0232785 | .0073875 | .1387362 | .0045734 | .0009256 | 42.81496 | .4204322 |
| Stddev | .0041944 | .0015428 | .0017863 | .0017251 | .0009255 | .15664   | .0015933 |
| %RSD   | 18.01818 | 20.88407 | 1.287568 | 37.71928 | 99.99486 | .3658648 | .3789609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0281214 | .0090309 | .1374181 | .0064294 | .0000520 | 42.64359 | .4187774 |
| #2 | .0209097 | .0059703 | .1407693 | .0030191 | .0008293 | 42.85051 | .4205632 |
| #3 | .0208045 | .0071613 | .1380213 | .0042716 | .0018954 | 42.95077 | .4219559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047209 | -.000363 | 85.94830 | .1137520 | .0462780 | .1096313 | 131.2095 |
| Stddev | .0000605 | .000096  | .26395   | .0005807 | .0002772 | .0016246 | .6991    |
| %RSD   | 1.280980 | 26.33581 | .3071059 | .5105325 | .5990501 | 1.481859 | .5327939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046511 | -.000321 | 85.76973 | .1140908 | .0463886 | .1083350 | 130.4767 |
| #2 | .0047576 | -.000473 | 85.82368 | .1130815 | .0464828 | .1091052 | 131.8690 |
| #3 | .0047539 | -.000296 | 86.25149 | .1140838 | .0459625 | .1114537 | 131.2829 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.578528 | 43.61716 | .0671494 | .0013798 | 1.261300 | .2676852 | .5747309 |
| Stddev | .002056  | .12228   | .0002381 | .0002878 | .190797  | .0056082 | .0110937 |
| %RSD   | .0797486 | .2803493 | .3546058 | 20.85477 | 15.12700 | 2.095059 | 1.930236 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.576867 | 43.47806 | .0674216 | .0014169 | 1.066021 | .2700039 | .5624882 |
| #2 | 2.580828 | 43.70771 | .0669798 | .0016473 | 1.447274 | .2717621 | .5841168 |
| #3 | 2.577890 | 43.66570 | .0670467 | .0010754 | 1.270605 | .2612895 | .5775875 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.427899 | 5.733664 | .0136604 | .0060602 | 2.540869 | 2.842010 | -.001297 |
| Stddev | .067392  | .004106  | .0013496 | .0001550 | .018463  | .022545  | .000911  |
| %RSD   | 1.965980 | .0716041 | 9.879481 | 2.557524 | .7266373 | .7932651 | 70.21258 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.352306 | 5.737495 | .0121548 | .0059007 | 2.535975 | 2.856450 | -.001327 |
| #2 | 3.449696 | 5.729330 | .0140653 | .0060697 | 2.561286 | 2.853548 | -.002192 |
| #3 | 3.481694 | 5.734166 | .0147612 | .0062102 | 2.525347 | 2.816031 | -.000372 |

Sample Name: L3673-14      Acquired: 08/14/2020 18:07:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7025300 | .0191178 | .0704759 |
| Stddev | .0026587 | .0017414 | .0001139 |
| %RSD   | .3784459 | 9.108554 | .1616691 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7049385 | .0196242 | .0704209 |
| #2 | .6996771 | .0171793 | .0703998 |
| #3 | .7029743 | .0205498 | .0706068 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1194.211 | 2188.784 | 30166.83 | 6539.243 | 2350.101 |
| Stddev    | 9.290    | 6.454    | 101.38   | 13.443   | .641     |
| %RSD      | .7779474 | .2948657 | .3360493 | .2055748 | .0272624 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1203.008 | 2194.501 | 30277.37 | 6551.495 | 2350.614 |
| #2 | 1184.495 | 2190.065 | 30078.21 | 6524.863 | 2350.307 |
| #3 | 1195.130 | 2181.785 | 30144.91 | 6541.372 | 2349.383 |

Sample Name: L3673-13      Acquired: 08/14/2020 18:03:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE0      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0302319 | .0192829 | 1.157569 | .0053536 | .0038723 | 104.6471 |
| Stddev | .0045277 | .0024647 | .001918  | .0030479 | .0020940 | 2.4821   |
| %RSD   | 14.97674 | 12.78202 | .1656552 | 56.93226 | 54.07616 | 2.371870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0252702 | .0186897 | 1.158159 | .0064748 | .0056729 | 106.5496 |
| #2 | .0312855 | .0171690 | 1.159123 | .0076821 | .0043695 | 105.5521 |
| #3 | .0341400 | .0219902 | 1.155426 | .0019039 | .0015745 | 101.8394 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.683521 | .0108368 | .0058198 | 75.16966 | .1239234 | .1657481 |
| Stddev | .042836  | .0001809 | .0000436 | 1.73404  | .0007858 | .0007234 |
| %RSD   | 2.544402 | 1.668819 | .7492490 | 2.306835 | .6341019 | .4364392 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.710937 | .0110292 | .0058699 | 76.28263 | .1236261 | .1654834 |
| #2 | 1.705465 | .0108109 | .0057913 | 76.05465 | .1233297 | .1665665 |
| #3 | 1.634159 | .0106704 | .0057980 | 73.17169 | .1248145 | .1651943 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .3634360 | 270.8079 | F 30.77051 | 23.81292 | .2463524 | .0052377 |
| Stddev | .0121129 | 6.4676   | .71653     | .58348   | .0002248 | .0004555 |
| %RSD   | 3.332876 | 2.388272 | 2.328626   | 2.450259 | .0912377 | 8.696797 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3724839 | 276.4092 | 31.15632 | 24.30339 | .2463321 | .0055518 |
| #2 | .3681491 | 272.2849 | 31.21146 | 23.96771 | .2461385 | .0054460 |
| #3 | .3496750 | 263.7294 | 29.94374 | 23.16765 | .2465867 | .0047153 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2987915 | .3633665 | .8188985 | 11.08883 | 7.857796 | .0272340 |
| Stddev | .1727195 | .0063375 | .0134700 | .34496   | .004067  | .0056882 |
| %RSD   | 57.80602 | 1.744116 | 1.644896 | 3.110854 | .0517607 | 20.88637 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1933624 | .3677266 | .8284793 | 11.32010 | 7.854722 | .0319243 |
| #2 | .2048925 | .3662764 | .8247193 | 11.25405 | 7.856258 | .0288709 |
| #3 | .4981197 | .3560966 | .8034969 | 10.69234 | 7.862408 | .0209069 |



Sample Name: L3673-13      Acquired: 08/14/2020 18:03:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044317 | 5.476993 | 2.358247 | .0057517 | .8260029 | .0509642 |
| Stddev | .0000978 | .016021  | .027013  | .0009533 | .0191171 | .0029227 |
| %RSD   | 2.205819 | .2925072 | 1.145453 | 16.57327 | 2.314411 | 5.734874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0043648 | 5.483005 | 2.374056 | .0047085 | .8386051 | .0537301 |
| #2 | .0043865 | 5.489139 | 2.373629 | .0059694 | .8353974 | .0512558 |
| #3 | .0045439 | 5.458837 | 2.327057 | .0065774 | .8040062 | .0479065 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2895585 |
| Stddev | .0066562 |
| %RSD   | 2.298734 |

|    |          |
|----|----------|
| #1 | .2943413 |
| #2 | .2923775 |
| #3 | .2819567 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1391.552 | 2568.261 | 35361.35 | 7777.618 | 2326.605 |
| Stddev    | 12.217   | 5.528    | 100.11   | 134.794  | 1.404    |
| %RSD      | .8779299 | .2152484 | .2831072 | 1.733099 | .0603430 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1382.554 | 2573.761 | 35353.42 | 7671.779 | 2327.029 |
| #2 | 1386.641 | 2568.316 | 35265.45 | 7731.705 | 2327.748 |
| #3 | 1405.459 | 2562.705 | 35465.20 | 7929.371 | 2325.038 |

Sample Name: L3673-16      Acquired: 08/14/2020 18:15:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0336096 | .0104405 | 3.902805 | .0043879 | .0034538 | 97.84392 | 1.500844 |
| Stddev | .0031410 | .0023661 | .008481  | .0005629 | .0014691 | .14034   | .006506  |
| %RSD   | 9.345590 | 22.66273 | .2172998 | 12.82728 | 42.53709 | .1434354 | .4334951 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0372360 | .0088035 | 3.894124 | .0039792 | .0017621 | 97.95189 | 1.507429 |
| #2 | .0317422 | .0093646 | 3.911070 | .0050299 | .0044094 | 97.68528 | 1.494419 |
| #3 | .0318507 | .0131533 | 3.903221 | .0041546 | .0041898 | 97.89458 | 1.500683 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0089221 | .0052674 | 71.73398 | .1623245 | .2392532 | .4026510 | 198.4077 |
| Stddev | .0001097 | .0001197 | .20365   | .0007600 | .0010381 | .0032623 | .2140    |
| %RSD   | 1.228962 | 2.272435 | .2838894 | .4682021 | .4338713 | .8101988 | .1078436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088028 | .0053003 | 71.82233 | .1620528 | .2382721 | .3998446 | 198.1822 |
| #2 | .0090185 | .0051347 | 71.50108 | .1617376 | .2391472 | .4062303 | 198.6079 |
| #3 | .0089450 | .0053673 | 71.87852 | .1631830 | .2403401 | .4018780 | 198.4330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.35316 | 36.45138 | .2573131 | .0036261 | .4718021 | .3084772 | 1.089712 |
| Stddev | .07724   | .04598   | .0008022 | .0003236 | .1749351 | .0039203 | .005229  |
| %RSD   | .4722943 | .1261493 | .3117668 | 8.924497 | 37.07806 | 1.270839 | .4798890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.38329 | 36.41034 | .2567371 | .0034201 | .2699655 | .3125771 | 1.091433 |
| #2 | 16.26540 | 36.44273 | .2569729 | .0039991 | .5657369 | .3080890 | 1.083839 |
| #3 | 16.41079 | 36.50107 | .2582294 | .0034591 | .5797041 | .3047654 | 1.093864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.396753 | 5.293378 | .0287302 | .0072450 | 3.731289 | 4.063094 | .0110696 |
| Stddev | .038125  | .009796  | .0008568 | .0003260 | .025279  | .056425  | .0009525 |
| %RSD   | .4540487 | .1850576 | 2.982315 | 4.500425 | .6774974 | 1.388710 | 8.604821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.429433 | 5.282075 | .0289039 | .0073230 | 3.742755 | 4.044329 | .0106937 |
| #2 | 8.405959 | 5.299398 | .0277999 | .0068870 | 3.702309 | 4.018443 | .0103624 |
| #3 | 8.354868 | 5.298662 | .0294869 | .0075249 | 3.748804 | 4.126510 | .0121527 |

Sample Name: L3673-16      Acquired: 08/14/2020 18:15:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE3      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.069044 | .0513225 | .1152819 |
| Stddev | .003603  | .0007983 | .0003023 |
| %RSD   | .3370655 | 1.555462 | .2622554 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.071592 | .0519904 | .1156289 |
| #2 | 1.064921 | .0515388 | .1150754 |
| #3 | 1.070619 | .0504384 | .1151414 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1333.709 | 2454.503 | 33659.16 | 7332.327 | 2335.012 |
| Stddev    | 11.189   | 1.373    | 46.59    | 35.337   | 2.452    |
| %RSD      | .8389079 | .0559376 | .1384180 | .4819402 | .1050137 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1333.008 | 2453.005 | 33693.07 | 7364.230 | 2336.144 |
| #2 | 1345.231 | 2454.801 | 33678.37 | 7338.407 | 2332.199 |
| #3 | 1322.887 | 2455.702 | 33606.04 | 7294.344 | 2336.694 |

Sample Name: L3673-19      Acquired: 08/14/2020 18:27:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0265809 | .0046239 | 1.770427 | .0044284 | .0018604 | 74.86834 | 1.252106 |
| Stddev | .0029320 | .0008997 | .006808  | .0029958 | .0006745 | .09586   | .001728  |
| %RSD   | 11.03031 | 19.45674 | .3845174 | 67.64958 | 36.25859 | .1280400 | .1380144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0272981 | .0036008 | 1.765504 | .0066291 | .0012649 | 74.81629 | 1.251714 |
| #2 | .0233569 | .0052915 | 1.767580 | .0056394 | .0017233 | 74.80976 | 1.253996 |
| #3 | .0290877 | .0049795 | 1.778195 | .0010167 | .0025929 | 74.97896 | 1.250607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0062876 | .0009786 | 18.93459 | .1132864 | .1472203 | .3232433 | 134.4177 |
| Stddev | .0000755 | .0001002 | .04885   | .0009721 | .0005190 | .0017876 | .1368    |
| %RSD   | 1.200116 | 10.24079 | .2580110 | .8581382 | .3525171 | .5530094 | .1017814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0063747 | .0008755 | 18.97373 | .1144009 | .1466509 | .3225362 | 134.5382 |
| #2 | .0062417 | .0009845 | 18.87984 | .1128453 | .1473432 | .3219174 | 134.2690 |
| #3 | .0062464 | .0010757 | 18.95020 | .1126129 | .1476668 | .3252762 | 134.4460 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.83698 | 8.565961 | .1398450 | .0025342 | .2304045 | .2302142 | .8501420 |
| Stddev | .03792   | .021063  | .0006013 | .0002831 | .3112166 | .0020228 | .0077002 |
| %RSD   | .3499339 | .2458913 | .4299818 | 11.17006 | 135.0740 | .8786791 | .9057532 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.81114 | 8.558955 | .1405308 | .0022739 | -.060686 | .2314562 | .8494491 |
| #2 | 10.81930 | 8.549295 | .1394079 | .0024931 | .558448  | .2278800 | .8428117 |
| #3 | 10.88052 | 8.589635 | .1395964 | .0028356 | .193452  | .2313063 | .8581652 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.801490 | 5.061494 | .0274031 | .0052601 | 2.503605 | 3.612171 | .0102101 |
| Stddev | .066864  | .016121  | .0014183 | .0002879 | .012801  | .008434  | .0015204 |
| %RSD   | .8570715 | .3185092 | 5.175627 | 5.472774 | .5112991 | .2334886 | 14.89087 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.875859 | 5.055469 | .0290258 | .0055906 | 2.517983 | 3.605593 | .0119473 |
| #2 | 7.746339 | 5.049252 | .0264001 | .0050643 | 2.493447 | 3.621679 | .0095605 |
| #3 | 7.782273 | 5.079760 | .0267835 | .0051253 | 2.499384 | 3.609242 | .0091223 |

Sample Name: L3673-19      Acquired: 08/14/2020 18:27:18      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE6      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.233148 | .0369695 | .0758460 |
| Stddev | .006848  | .0012849 | .0001869 |
| %RSD   | .5553659 | 3.475496 | .2464235 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.238703 | .0379531 | .0757780 |
| #2 | 1.225496 | .0355158 | .0760573 |
| #3 | 1.235245 | .0374396 | .0757025 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1290.306 | 2390.576 | 32591.69 | 7015.348 | 2385.045 |
| Stddev    | 5.084    | 4.170    | 103.67   | 15.420   | 3.001    |
| %RSD      | .3940302 | .1744176 | .3181020 | .2198061 | .1258398 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1296.171 | 2390.616 | 32509.43 | 7002.817 | 2385.329 |
| #2 | 1287.610 | 2394.726 | 32708.14 | 7032.569 | 2387.894 |
| #3 | 1287.138 | 2386.387 | 32557.49 | 7010.659 | 2381.912 |

Sample Name: L3673-18      Acquired: 08/14/2020 18:23:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1380802 | -.020074 | .1593202 | .2816103 | .1552842 | 50.09861 | 4.528544 |
| Stddev | .0030581 | .001974  | .0015814 | .0051881 | .0029918 | .09931   | .004884  |
| %RSD   | 2.214719 | 9.835417 | .9926063 | 1.842292 | 1.926696 | .1982355 | .1078522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1345733 | -.017922 | .1599474 | .2775947 | .1519761 | 49.99468 | 4.529305 |
| #2 | .1401916 | -.021802 | .1575214 | .2874681 | .1578005 | 50.10860 | 4.533003 |
| #3 | .1394756 | -.020499 | .1604918 | .2797680 | .1560760 | 50.19255 | 4.523324 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012269 | .0008213 | 156.0975 | .2061788 | .6757349 | .1747641 | 40.39407 |
| Stddev | .0001208 | .0001262 | .0916    | .0014431 | .0012269 | .0008280 | .18511   |
| %RSD   | 9.842334 | 15.36248 | .0587066 | .6999040 | .1815573 | .4737533 | .4582679 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011004 | .0007658 | 156.0155 | .2056906 | .6751744 | .1740972 | 40.28410 |
| #2 | .0012395 | .0009657 | 156.1964 | .2078026 | .6748884 | .1756908 | 40.29032 |
| #3 | .0013409 | .0007324 | 156.0805 | .2050432 | .6771418 | .1745042 | 40.60779 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4174480 | 4.533732 | .0148839 | .2398756 | 112.9477 | 1.181246 | .5885335 |
| Stddev | .0018042 | .052419  | .0003816 | .0006287 | .5555    | .003101  | .0030112 |
| %RSD   | .4321859 | 1.156200 | 2.563956 | .2620887 | .4918623 | .2625557 | .5116458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4158943 | 4.474759 | .0145011 | .2392840 | 112.8138 | 1.179561 | .5856075 |
| #2 | .4170230 | 4.575024 | .0148863 | .2398069 | 112.4713 | 1.179351 | .5916232 |
| #3 | .4194267 | 4.551413 | .0152643 | .2405358 | 113.5579 | 1.184825 | .5883699 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 143.9505 | .2020729 | .0040335 | .0040232 | .9214570 | 1.951594 | .0000501 |
| Stddev | .5534    | .0049296 | .0009566 | .0001820 | .0037177 | .014803  | .0009090 |
| %RSD   | .3844721 | 2.439533 | 23.71727 | 4.524292 | .4034637 | .7585264 | 1814.250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 143.5810 | .1993041 | .0051035 | .0041515 | .9210790 | 1.968089 | -.000924 |
| #2 | 143.6836 | .1991501 | .0037362 | .0041032 | .9253493 | 1.939463 | .000877  |
| #3 | 144.5868 | .2077644 | .0032608 | .0038148 | .9179427 | 1.947230 | .000197  |

Sample Name: L3673-18      Acquired: 08/14/2020 18:23:16      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6549838 | .0145068 | .0527898 |
| Stddev | .0009252 | .0018352 | .0001901 |
| %RSD   | .1412509 | 12.65047 | .3601073 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6557586 | .0127639 | .0527301 |
| #2 | .6552333 | .0164221 | .0526367 |
| #3 | .6539595 | .0143344 | .0530026 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1158.411 | 2119.999 | 29252.91 | 6315.955 | 2224.291 |
| Stddev    | 5.065    | 1.472    | 94.89    | 42.351   | 2.535    |
| %RSD      | .4372564 | .0694143 | .3243649 | .6705331 | .1139812 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1159.584 | 2121.621 | 29362.04 | 6353.129 | 2222.481 |
| #2 | 1152.863 | 2118.749 | 29189.83 | 6324.883 | 2227.189 |
| #3 | 1162.787 | 2119.627 | 29206.87 | 6269.852 | 2223.204 |

Sample Name: L3673-15      Acquired: 08/14/2020 18:11:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0510055 | .0080319 | 1.102372 | .0074739 | .0019296 | 103.9393 | 1.253992 |
| Stddev | .0025321 | .0034265 | .006376  | .0008192 | .0014257 | .2004    | .000425  |
| %RSD   | 4.964313 | 42.66058 | .5783941 | 10.96057 | 73.88400 | .1928076 | .0338566 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0504594 | .0055145 | 1.099782 | .0080825 | .0034369 | 103.7710 | 1.253505 |
| #2 | .0537661 | .0119341 | 1.097699 | .0077968 | .0006027 | 103.8858 | 1.254183 |
| #3 | .0487911 | .0066473 | 1.109636 | .0065425 | .0017493 | 104.1610 | 1.254288 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074351 | .0014036 | 45.86934 | .1507953 | .2083978 | .6278371 | 179.0423 |
| Stddev | .0001460 | .0001595 | .10638   | .0005788 | .0008187 | .0010295 | .5406    |
| %RSD   | 1.963107 | 11.36275 | .2319273 | .3838028 | .3928435 | .1639810 | .3019169 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073376 | .0014955 | 45.77636 | .1508836 | .2079379 | .6268519 | 178.6007 |
| #2 | .0073649 | .0014958 | 45.98535 | .1513249 | .2079124 | .6289059 | 178.8809 |
| #3 | .0076029 | .0012194 | 45.84630 | .1501775 | .2093430 | .6277535 | 179.6451 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.98372 | 20.56010 | .2399371 | .0031519 | 1.690901 | .2922539 | 2.335253 |
| Stddev | .01442   | .02530   | .0009367 | .0001591 | .053785  | .0037940 | .005318  |
| %RSD   | .1312694 | .1230480 | .3903839 | 5.047328 | 3.180857 | 1.298175 | .2277182 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.96728 | 20.55883 | .2390530 | .0030693 | 1.663224 | .2882042 | 2.339384 |
| #2 | 10.98964 | 20.53547 | .2398396 | .0033353 | 1.752889 | .2957259 | 2.329254 |
| #3 | 10.99423 | 20.58602 | .2409187 | .0030512 | 1.656591 | .2928317 | 2.337123 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.884213 | 2.969976 | .0304112 | .0062817 | 2.720781 | 2.585420 | .0101671 |
| Stddev | .046713  | .006495  | .0000946 | .0004655 | .008146  | .031880  | .0027270 |
| %RSD   | .6785476 | .2186936 | .3109214 | 7.410922 | .2994128 | 1.233083 | 26.82205 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.864385 | 2.962505 | .0305194 | .0063337 | 2.717038 | 2.563353 | .0090557 |
| #2 | 6.937569 | 2.974283 | .0303440 | .0057923 | 2.715179 | 2.570935 | .0081713 |
| #3 | 6.850685 | 2.973140 | .0303704 | .0067190 | 2.730126 | 2.621971 | .0132743 |



Sample Name: L3673-15      Acquired: 08/14/2020 18:11:18      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.312772 | .0555780 | .1295390 |
| Stddev | .003837  | .0006386 | .0001815 |
| %RSD   | .2922733 | 1.149078 | .1401249 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.308342 | .0562647 | .1295963 |
| #2 | 1.315030 | .0554676 | .1296849 |
| #3 | 1.314945 | .0550018 | .1293357 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1291.526 | 2380.831 | 32615.44 | 7078.289 | 2379.575 |
| Stddev    | 1.750    | 4.009    | 102.48   | 17.634   | 3.612    |
| %RSD      | .1354719 | .1683902 | .3142047 | .2491288 | .1518074 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1290.641 | 2384.958 | 32534.50 | 7083.459 | 2383.690 |
| #2 | 1293.542 | 2376.951 | 32730.67 | 7092.761 | 2378.112 |
| #3 | 1290.396 | 2380.584 | 32581.16 | 7058.648 | 2376.924 |

Sample Name: CCB062      Acquired: 08/14/2020 18:39:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000444 | .0010735 | .0030211 | .0013297 | -.000430 | .0160977 | .0009400 |
| Stddev | .002530  | .0025245 | .0012004 | .0017747 | .001938  | .0064483 | .0006514 |
| %RSD   | 570.3264 | 235.1587 | 39.73321 | 133.4671 | 450.8019 | 40.05705 | 69.29311 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | .0039504 | .0035724 | .0033787 | -.002661 | .0114316 | .0003262 |
| #2 | -.003154 | -.000773 | .0016441 | .0003312 | .000831  | .0234558 | .0016234 |
| #3 | .001857  | .000043  | .0038468 | .0002791 | .000540  | .0134058 | .0008705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000215 | -.000003 | -.011479 | -.000149 | -.000132 | .0057128 | .0119466 |
| Stddev | .0000569 | .000013  | .005274  | .000272  | .000290  | .0014913 | .0041768 |
| %RSD   | 263.9783 | 497.1377 | 45.93990 | 182.3380 | 220.6646 | 26.10402 | 34.96242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000033 | .000005  | -.016805 | .000112  | -.000450 | .0040694 | .0138770 |
| #2 | .000018  | -.000017 | -.011374 | -.000129 | .000119  | .0060894 | .0071537 |
| #3 | .000080  | .000005  | -.006259 | -.000431 | -.000064 | .0069798 | .0148091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005153 | .0220038 | .0004043 | .0001866 | .1089996 | -.003337 | .0004089 |
| Stddev | .0005041 | .0186971 | .0001098 | .0005977 | .1857057 | .003443  | .0001575 |
| %RSD   | 97.83329 | 84.97182 | 27.16622 | 320.3809 | 170.3728 | 103.1903 | 38.50371 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010308 | .0168376 | .0004738 | .0006536 | -.072080 | -.000848 | .0002858 |
| #2 | .0004918 | .0064331 | .0002777 | -.000487 | .299009  | -.007266 | .0005863 |
| #3 | .0000233 | .0427408 | .0004616 | .000393  | .100070  | -.001896 | .0003546 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1287458 | .0015776 | .0023887 | .0007036 | -.016946 | -.000670 | -.002106 |
| Stddev | .0504933 | .0002651 | .0006101 | .0001393 | .001951  | .001876  | .000398  |
| %RSD   | 39.21934 | 16.80415 | 25.54097 | 19.80241 | 11.51384 | 279.8381 | 18.88869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0866685 | .0017806 | .0027592 | .0008541 | -.014764 | .001433  | -.001654 |
| #2 | .1847372 | .0016744 | .0027225 | .0006777 | -.018521 | -.001272 | -.002266 |
| #3 | .1148318 | .0012777 | .0016846 | .0005791 | -.017554 | -.002172 | -.002399 |

Sample Name: CCB062      Acquired: 08/14/2020 18:39:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000454 | .0063165 | -.000019 |
| Stddev | .000439  | .0001586 | .000025  |
| %RSD   | 96.56074 | 2.510190 | 133.5864 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000316 | .0064830 | -.000019 |
| #2 | -.000946 | .0061672 | -.000043 |
| #3 | -.000101 | .0062994 | .000006  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1138.889 | 2117.472 | 28347.55 | 6066.969 | 2396.900 |
| Stddev    | 6.305    | 3.488    | 144.22   | 19.882   | 4.228    |
| %RSD      | .5536345 | .1647468 | .5087655 | .3277020 | .1763889 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1131.665 | 2121.368 | 28246.95 | 6084.426 | 2399.984 |
| #2 | 1143.289 | 2114.637 | 28512.79 | 6071.152 | 2398.635 |
| #3 | 1141.711 | 2116.412 | 28282.92 | 6045.328 | 2392.080 |

Sample Name: L3673-20      Acquired: 08/14/2020 18:31:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0290765 | .0053536 | 1.805616 | .0076130 | .0023013 | 106.0697 | 1.310279 |
| Stddev | .0008690 | .0005479 | .006945  | .0029599 | .0003611 | .2467    | .000750  |
| %RSD   | 2.988670 | 10.23340 | .3846102 | 38.87980 | 15.68890 | .2325751 | .0572447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0287646 | .0048229 | 1.807203 | .0102321 | .0022986 | 105.8002 | 1.309468 |
| #2 | .0300584 | .0059171 | 1.798015 | .0044018 | .0026637 | 106.1244 | 1.310420 |
| #3 | .0284065 | .0053207 | 1.811630 | .0082051 | .0019417 | 106.2844 | 1.310948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0083292 | .0003254 | 31.60697 | .1368369 | .2143552 | .1961381 | 170.9097 |
| Stddev | .0001068 | .0001230 | .08396   | .0005752 | .0002898 | .0020627 | .7548    |
| %RSD   | 1.281769 | 37.80761 | .2656254 | .4203478 | .1352025 | 1.051660 | .4416539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083218 | .0002374 | 31.51975 | .1366928 | .2141555 | .1938560 | 170.0982 |
| #2 | .0082263 | .0002728 | 31.61391 | .1374704 | .2146876 | .1978696 | 171.0402 |
| #3 | .0084395 | .0004660 | 31.68723 | .1363475 | .2142224 | .1966888 | 171.5908 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.07561 | 17.04512 | .1604212 | .0027396 | .5064188 | .2969026 | .7251587 |
| Stddev | .01847   | .12622   | .0007667 | .0003564 | .0680721 | .0058775 | .0047757 |
| %RSD   | .1412292 | .7405221 | .4779496 | 13.00793 | 13.44187 | 1.979623 | .6585799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.06308 | 16.90009 | .1605644 | .0029525 | .5502375 | .2901305 | .7213781 |
| #2 | 13.06693 | 17.10509 | .1611062 | .0023282 | .5410229 | .2999019 | .7305258 |
| #3 | 13.09682 | 17.13017 | .1595929 | .0029381 | .4279961 | .3006754 | .7235722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.12715 | 5.783528 | .0306635 | .0067792 | 3.172820 | 3.019630 | .0062641 |
| Stddev | .01510   | .027111  | .0043556 | .0004133 | .005364  | .018358  | .0021199 |
| %RSD   | .1491085 | .4687540 | 14.20437 | 6.097057 | .1690680 | .6079547 | 33.84241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.13188 | 5.780883 | .0260315 | .0063041 | 3.166629 | 3.031548 | .0038471 |
| #2 | 10.11025 | 5.811865 | .0346764 | .0069776 | 3.176075 | 2.998489 | .0071375 |
| #3 | 10.13932 | 5.757838 | .0312826 | .0070560 | 3.175757 | 3.028852 | .0078079 |

Sample Name: L3673-20      Acquired: 08/14/2020 18:31:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.068799 | .0615552 | .1149248 |
| Stddev | .001409  | .0010032 | .0004169 |
| %RSD   | .1318600 | 1.629769 | .3627969 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.070426 | .0604064 | .1144869 |
| #2 | 1.068025 | .0620001 | .1153170 |
| #3 | 1.067947 | .0622589 | .1149704 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1303.346 | 2397.195 | 32851.17 | 7041.625 | 2347.196 |
| Stddev    | 6.844    | 8.659    | 91.83    | 32.192   | 2.959    |
| %RSD      | .5251423 | .3612240 | .2795214 | .4571646 | .1260676 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1302.658 | 2399.668 | 32942.91 | 7063.138 | 2346.808 |
| #2 | 1296.872 | 2404.349 | 32759.25 | 7057.122 | 2350.330 |
| #3 | 1310.509 | 2387.568 | 32851.35 | 7004.616 | 2344.451 |

Sample Name: CCV062      Acquired: 08/14/2020 18:35:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.848625 | 4.966345 | 24.58051 | 4.891744 | 4.923602 | 401.4794 | 10.15218 |
| Stddev | .008339  | .009417  | .01812   | .023263  | .000780  | 6.4527   | .02758   |
| %RSD   | .1719811 | .1896114 | .0737324 | .4755545 | .0158433 | 1.607233 | .2716333 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.840221 | 4.963612 | 24.56348 | 4.865999 | 4.922911 | 407.7894 | 10.18367 |
| #2 | 4.856896 | 4.958597 | 24.59956 | 4.897980 | 4.924448 | 401.7560 | 10.14054 |
| #3 | 4.848759 | 4.976826 | 24.57849 | 4.911254 | 4.923448 | 394.8929 | 10.13233 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5086618 | 2.462765 | 411.0584 | 15.13307 | 2.487020 | 15.28278 | 429.8765 |
| Stddev | .0037811 | .001233  | .5401    | .02108   | .002371  | .02271   | 1.4470   |
| %RSD   | .7433408 | .0500568 | .1313843 | .1393107 | .0953353 | .1485871 | .3366136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5128297 | 2.462040 | 411.6513 | 15.15728 | 2.484638 | 15.30559 | 431.4671 |
| #2 | .5077037 | 2.462067 | 410.9291 | 15.11878 | 2.489380 | 15.28258 | 429.5245 |
| #3 | .5054519 | 2.464189 | 410.5947 | 15.12314 | 2.487041 | 15.26017 | 428.6380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.95710 | 420.3536 | 2.469486 | 1.274731 | 421.0685 | 2.514476 | 15.12765 |
| Stddev | .01684   | 1.8137   | .000948  | .004920  | 1.4679   | .010249  | .12887   |
| %RSD   | .1126079 | .4314692 | .0383689 | .3859459 | .3486078 | .4075872 | .8518733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.96831 | 422.3392 | 2.468681 | 1.272818 | 422.5734 | 2.525831 | 14.97891 |
| #2 | 14.93773 | 419.9376 | 2.469248 | 1.271055 | 420.9915 | 2.511685 | 15.19825 |
| #3 | 14.96525 | 418.7840 | 2.470530 | 1.280320 | 419.6407 | 2.505911 | 15.20580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.8540 | 5.305379 | 5.081445 | 4.871950 | 5.050364 | 5.041412 | 4.982014 |
| Stddev | .7842    | .015326  | .047986  | .014493  | .018796  | .040767  | .004496  |
| %RSD   | .4999514 | .2888847 | .9443358 | .2974708 | .3721767 | .8086466 | .0902388 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.7594 | 5.291067 | 5.134067 | 4.855941 | 5.040792 | 5.082451 | 4.980142 |
| #2 | 156.3940 | 5.321550 | 5.070163 | 4.875731 | 5.038279 | 5.040864 | 4.978757 |
| #3 | 156.4084 | 5.303521 | 5.040106 | 4.884177 | 5.072019 | 5.000922 | 4.987143 |

Sample Name: CCV062      Acquired: 08/14/2020 18:35:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV062      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.004419 | 5.095579 | 4.944158 |
| Stddev | .017552  | .013582  | .045228  |
| %RSD   | .3507344 | .2665389 | .9147686 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.024037 | 5.110613 | 4.903100 |
| #2 | 4.999020 | 5.091928 | 4.992637 |
| #3 | 4.990201 | 5.084196 | 4.936737 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 990.7460 | 1842.714 | 26914.06 | 5954.436 | 1941.204 |
| Stddev    | 7.3696   | 2.982    | 67.96    | 19.186   | 1.292    |
| %RSD      | .7438468 | .1618080 | .2525056 | .3222060 | .0665564 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 998.5365 | 1845.933 | 26915.47 | 5932.904 | 1941.845 |
| #2 | 989.8162 | 1840.047 | 26981.30 | 5969.714 | 1939.716 |
| #3 | 983.8855 | 1842.163 | 26845.40 | 5960.692 | 1942.049 |

Sample Name: L3673-17      Acquired: 08/14/2020 18:19:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYE4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0260852 | .0038647 | .4733915 | .0040892 | .0014150 | 67.19979 | .9509929 |
| Stddev | .0021341 | .0006007 | .0034553 | .0023244 | .0010518 | .21527   | .0016306 |
| %RSD   | 8.181172 | 15.54347 | .7298934 | 56.84306 | 74.33281 | .3203494 | .1714623 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0245023 | .0033802 | .4773463 | .0044639 | .0019871 | 67.05342 | .9492251 |
| #2 | .0252411 | .0045368 | .4709579 | .0062035 | .0002012 | 67.09897 | .9513156 |
| #3 | .0285122 | .0036770 | .4718702 | .0016002 | .0020569 | 67.44697 | .9524381 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066684 | -.000570 | 44.34469 | .0957154 | .1086594 | .1074321 | 127.8683 |
| Stddev | .0000696 | .000055  | .10200   | .0007789 | .0008303 | .0021533 | .8409    |
| %RSD   | 1.043338 | 9.686265 | .2300053 | .8137780 | .7641485 | 2.004372 | .6576011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066430 | -.000508 | 44.25089 | .0963586 | .1092298 | .1073993 | 127.2316 |
| #2 | .0066151 | -.000587 | 44.32992 | .0948494 | .1077068 | .1096016 | 127.5519 |
| #3 | .0067471 | -.000615 | 44.45327 | .0959384 | .1090415 | .1052953 | 128.8215 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.115643 | 12.84486 | .1147259 | .0016988 | .3558534 | .2292479 | .5660193 |
| Stddev | .015501  | .07681   | .0006650 | .0001324 | .2745994 | .0021420 | .0042714 |
| %RSD   | .2534573 | .5979680 | .5796419 | 7.792038 | 77.16643 | .9343748 | .7546339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.127229 | 12.75912 | .1154216 | .0017836 | .5539619 | .2293866 | .5613468 |
| #2 | 6.121666 | 12.86805 | .1146595 | .0015463 | .0423940 | .2270399 | .5669879 |
| #3 | 6.098035 | 12.90740 | .1140966 | .0017667 | .4712045 | .2313172 | .5697232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.104313 | 3.745311 | .0327406 | .0040713 | 1.851194 | 2.268512 | .0081553 |
| Stddev | .071507  | .013973  | .0010106 | .0005410 | .007367  | .028208  | .0015457 |
| %RSD   | 1.400919 | .3730725 | 3.086634 | 13.28801 | .3979729 | 1.243456 | 18.95343 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.040368 | 3.739797 | .0316159 | .0042687 | 1.849322 | 2.267693 | .0065789 |
| #2 | 5.181525 | 3.734937 | .0330334 | .0034593 | 1.844943 | 2.297121 | .0096683 |
| #3 | 5.091046 | 3.761200 | .0335724 | .0044859 | 1.859316 | 2.240723 | .0082186 |



Sample Name: L3673-17      Acquired: 08/14/2020 18:19:14      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYE4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7391572 | .0362545 | .1182950 |
| Stddev | .0065957 | .0007142 | .0005001 |
| %RSD   | .8923253 | 1.970038 | .4227169 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7399961 | .0364929 | .1180639 |
| #2 | .7321823 | .0354515 | .1179523 |
| #3 | .7452934 | .0368190 | .1188688 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1293.040 | 2393.816 | 32522.70 | 7088.869 | 2395.667 |
| Stddev    | 6.678    | 4.348    | 92.03    | 29.123   | 5.777    |
| %RSD      | .5164550 | .1816240 | .2829840 | .4108318 | .2411340 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1288.446 | 2392.273 | 32416.44 | 7119.063 | 2394.963 |
| #2 | 1289.974 | 2398.724 | 32574.41 | 7086.595 | 2401.764 |
| #3 | 1300.700 | 2390.449 | 32577.24 | 7060.950 | 2390.275 |

Sample Name: L3673-09      Acquired: 08/14/2020 17:59:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MGAYD8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0135954 | .0081543 | 1.765443 | .0051024 | .0010712 | 67.67895 | 1.343686 |
| Stddev | .0035546 | .0058101 | .004637  | .0044318 | .0014899 | .15300   | .003559  |
| %RSD   | 26.14533 | 71.25185 | .2626426 | 86.85584 | 139.0856 | .2260694 | .2648807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097834 | .0017694 | 1.760202 | .0065694 | -.000648 | 67.51421 | 1.347526 |
| #2 | .0168192 | .0131305 | 1.767111 | .0001232 | .001867  | 67.81658 | 1.343034 |
| #3 | .0141836 | .0095629 | 1.769014 | .0086147 | .001995  | 67.70606 | 1.340498 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086869 | .0228844 | 49.92417 | .2622852 | .1899313 | .1746186 | 180.2491 |
| Stddev | .0001507 | .0000677 | .09113   | .0006436 | .0003443 | .0008092 | 1.0205   |
| %RSD   | 1.734566 | .2959233 | .1825346 | .2453666 | .1812875 | .4634016 | .5661359 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086515 | .0229578 | 49.82994 | .2622585 | .1895392 | .1746790 | 179.0927 |
| #2 | .0088521 | .0228244 | 49.93075 | .2616554 | .1900700 | .1753959 | 181.0233 |
| #3 | .0085571 | .0228709 | 50.01184 | .2629417 | .1901846 | .1737809 | 180.6312 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.19482 | 26.78183 | .2409719 | .0032592 | .6262254 | .2205572 | 1.864830 |
| Stddev | .05624   | .12739   | .0011138 | .0002368 | .1639685 | .0049388 | .010329  |
| %RSD   | .3091043 | .4756550 | .4622292 | 7.264046 | 26.18362 | 2.239238 | .5538883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.16279 | 26.64172 | .2408191 | .0030585 | .5235599 | .2148649 | 1.868334 |
| #2 | 18.16192 | 26.89068 | .2399424 | .0035203 | .5397883 | .2231033 | 1.853204 |
| #3 | 18.25976 | 26.81310 | .2421543 | .0031987 | .8153279 | .2237034 | 1.872950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.616699 | 3.974789 | .0298202 | .0347093 | 2.642588 | 3.838788 | .0130113 |
| Stddev | .075497  | .009101  | .0039562 | .0000665 | .007468  | .015865  | .0006486 |
| %RSD   | 1.344148 | .2289746 | 13.26703 | .1916395 | .2826150 | .4132829 | 4.984604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.538181 | 3.981342 | .0262975 | .0346360 | 2.635507 | 3.836725 | .0125162 |
| #2 | 5.623155 | 3.978628 | .0341004 | .0347262 | 2.641866 | 3.824056 | .0127722 |
| #3 | 5.688760 | 3.964397 | .0290627 | .0347657 | 2.650391 | 3.855584 | .0137454 |

Sample Name: L3673-09      Acquired: 08/14/2020 17:59:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1235)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MGAYD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9965856 | .0368934 | .0706483 |
| Stddev | .0050392 | .0008442 | .0001992 |
| %RSD   | .5056458 | 2.288284 | .2819757 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9911707 | .0369629 | .0706255 |
| #2 | 1.001138 | .0360166 | .0708579 |
| #3 | .997448  | .0377008 | .0704615 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1420.741 | 2630.490 | 35985.21 | 7849.844 | 2353.913 |
| Stddev    | 7.463    | 4.844    | 151.20   | 23.687   | 3.059    |
| %RSD      | .5252979 | .1841572 | .4201677 | .3017494 | .1299468 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1418.348 | 2625.000 | 35967.63 | 7876.893 | 2351.115 |
| #2 | 1429.108 | 2632.308 | 36144.42 | 7839.830 | 2357.179 |
| #3 | 1414.769 | 2634.162 | 35843.56 | 7832.809 | 2353.446 |