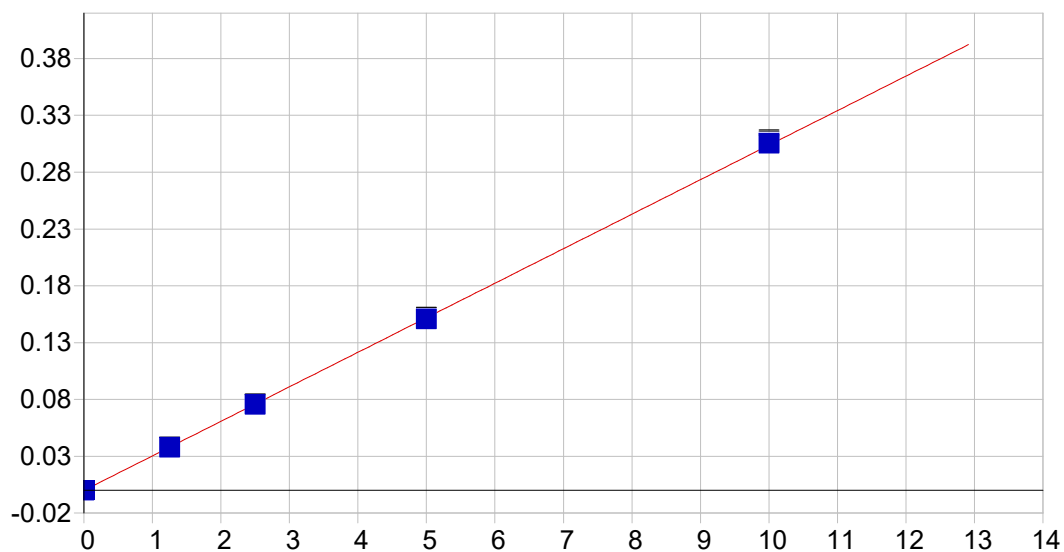


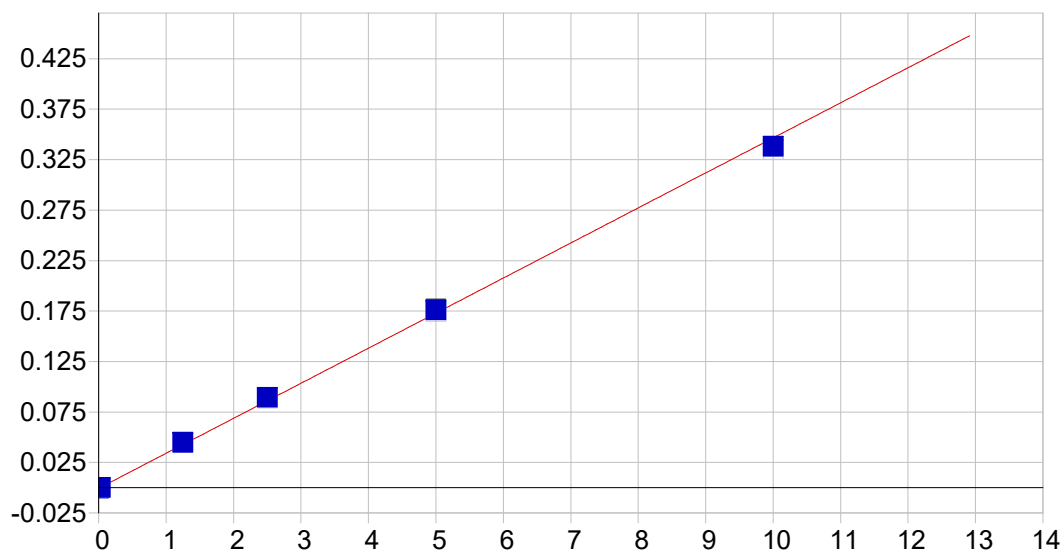


**As 189.042 {479}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000103 Re-Slope: 1.000000  
 A1 (Gain): 0.030390 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999983 Status: OK.  
 Std Error of Est: 0.000003  
 Predicted MDL: 0.006960  
 Predicted MQL: 0.023201

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00010 | .000    | 1        |
| S1        | .01000       | .00980      | -.000      | -2.01   | .00020  | .000    | 1        |
| S2        | 1.2500       | 1.2474      | -.003      | -.207   | .03793  | .000    | 1        |
| S3        | 2.5000       | 2.4871      | -.013      | -.515   | .07573  | .000    | 1        |
| S4        | 5.0000       | 4.9630      | -.037      | -.740   | .15121  | .001    | 1        |
| S5        | 10.000       | 10.053      | .053       | .526    | .30638  | .002    | 1        |

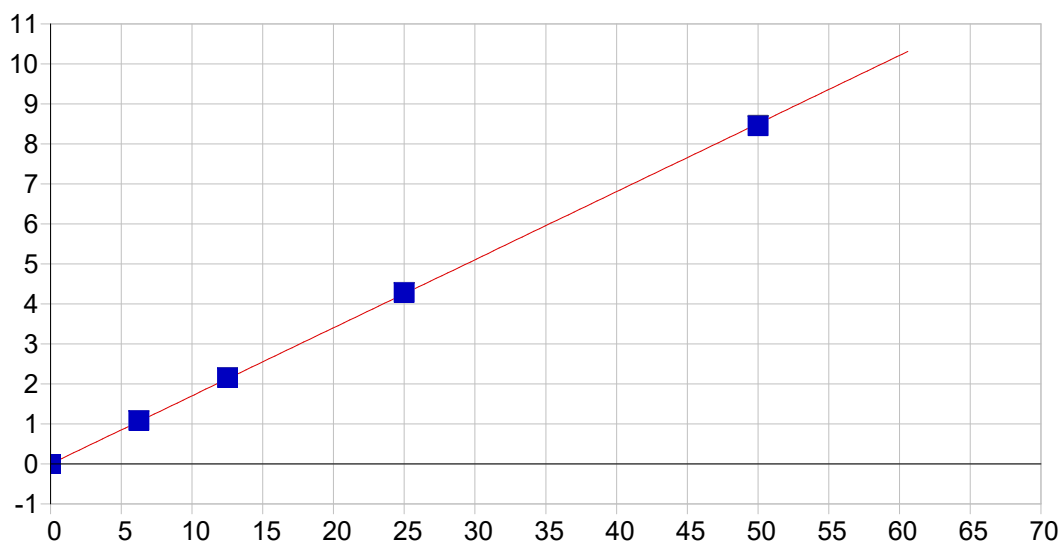


TI 190.856 {477}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000716 Re-Slope: 1.000000  
 A1 (Gain): 0.034734 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999611 Status: OK.  
 Std Error of Est: 0.000025  
 Predicted MDL: 0.005898  
 Predicted MQL: 0.019660

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00072 | .000    | 1        |
| S1        | .02500       | .02380      | -.001      | -4.80   | .00007  | .000    | 1        |
| S2        | 1.2500       | 1.3102      | .060       | 4.82    | .04440  | .000    | 1        |
| S3        | 2.5000       | 2.5958      | .096       | 3.83    | .08865  | .000    | 1        |
| S4        | 5.0000       | 5.0911      | .091       | 1.82    | .17454  | .001    | 1        |
| S5        | 10.000       | 9.7541      | -.246      | -2.46   | .33492  | .000    | 1        |

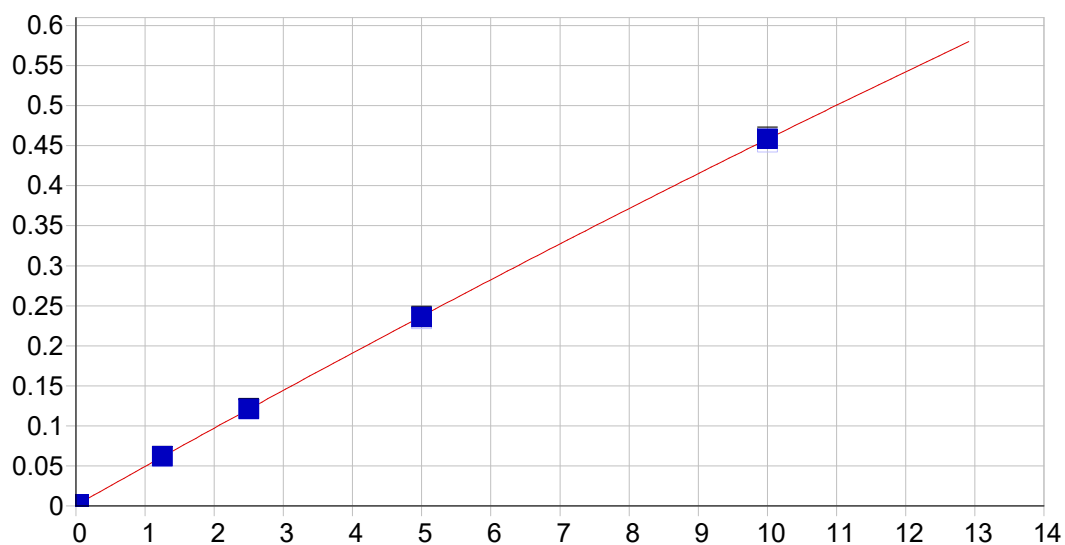


### Pb 220.353 {453}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000082 Re-Slope: 1.000000  
 A1 (Gain): 0.170159 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999968 Status: OK.  
 Std Error of Est: 0.000051  
 Predicted MDL: 0.002783  
 Predicted MQL: 0.009276

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .01000       | .00972      | -.000      | -2.78   | .00174 | .000    | 1        |
| S2        | 6.2500       | 6.3249      | .075       | 1.20    | 1.0769 | .004    | 1        |
| S3        | 12.500       | 12.642      | .142       | 1.13    | 2.1524 | .002    | 1        |
| S4        | 25.000       | 25.149      | .149       | .595    | 4.2818 | .007    | 1        |
| S5        | 50.000       | 49.635      | -.365      | -.730   | 8.4508 | .015    | 1        |

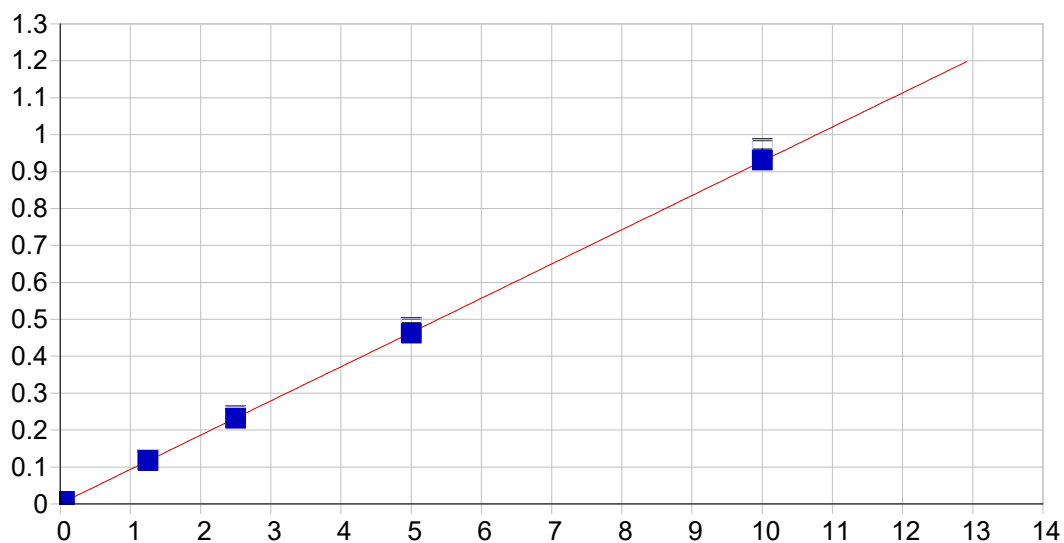


Se 196.090 {472}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000835 Re-Slope: 1.000000  
 A1 (Gain): 0.048765 Y-int: 0.000000  
 A2 (Curvature): -0.000304  
 n (Exponent): 1.000000  
 Correlation: 0.999980 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.005312  
 Predicted MQL: 0.017708

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00084 | .000    | 1        |
| S1        | .03500       | .03126      | -.004      | -10.7   | .00236 | .000    | 1        |
| S2        | 1.2500       | 1.2612      | .011       | .898    | .06129 | .000    | 1        |
| S3        | 2.5000       | 2.5098      | .010       | .394    | .12017 | .000    | 1        |
| S4        | 5.0000       | 4.9721      | -.028      | -.557   | .23351 | .001    | 1        |
| S5        | 10.000       | 10.011      | .011       | .106    | .45398 | .002    | 1        |

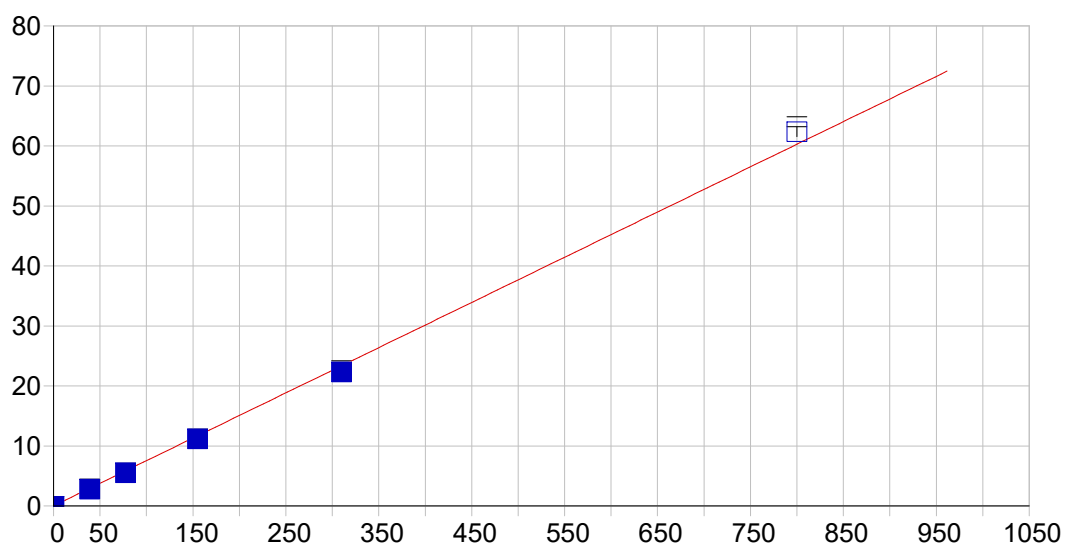


**Sb 206.833 {463}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000687 Re-Slope: 1.000000  
 A1 (Gain): 0.092722 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.003148  
 Predicted MQL: 0.010492

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00069 | .000    | 1        |
| S1        | .06000       | .06300      | .003       | 5.01    | .00653 | .000    | 1        |
| S2        | 1.2500       | 1.2521      | .002       | .166    | .12032 | .000    | 1        |
| S3        | 2.5000       | 2.4877      | -.012      | -.492   | .23843 | .001    | 1        |
| S4        | 5.0000       | 4.9727      | -.027      | -.545   | .47592 | .002    | 1        |
| S5        | 10.000       | 10.035      | .035       | .346    | .95942 | .003    | 1        |

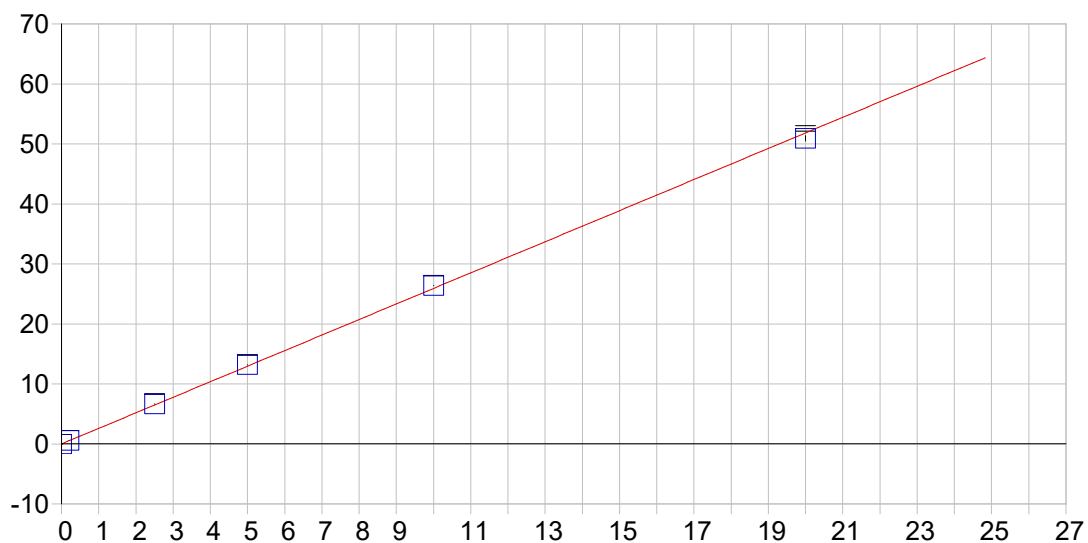


AI 396.152 { 85}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002711 Re-Slope: 1.000000  
 A1 (Gain): 0.075349 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999180 Status: OK.  
 Std Error of Est: 0.001899  
 Predicted MDL: 0.011356  
 Predicted MQL: 0.037853

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00271 | .001    | 1        |
| S1        | .20000       | .19470      | -.005      | -2.65   | .01741 | .000    | 1        |
| S2        | 38.750       | 36.479      | -2.27      | -5.86   | 2.7544 | .005    | 1        |
| S3        | 77.500       | 73.203      | -4.30      | -5.55   | 5.5246 | .012    | 1        |
| S4        | 155.00       | 148.09      | -6.91      | -4.46   | 11.173 | .012    | 1        |
| S5        | 310.00       | 295.93      | -14.1      | -4.54   | 22.325 | .168    | 1        |
| S6        | 800.00       | 827.59      | 27.6       | 3.45    | 62.361 | .821    | 1        |

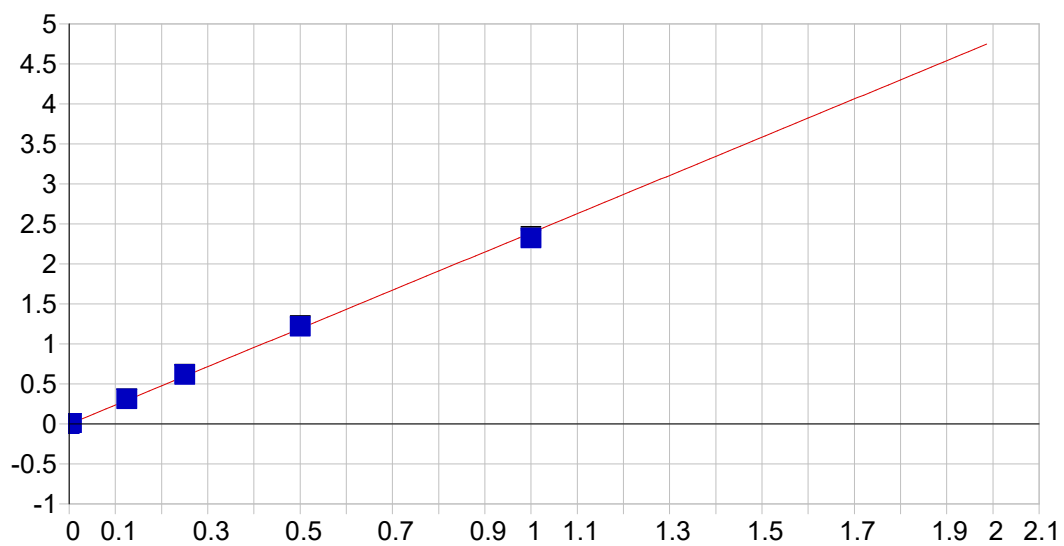


### Ba 493.409 { 68}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002829 Re-Slope: 1.000000  
 A1 (Gain): 2.591921 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999812 Status: OK.  
 Std Error of Est: 0.005339  
 Predicted MDL: 0.000864  
 Predicted MQL: 0.002880

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00289 | .001    | 1        |
| S1        | .20000       | .21584      | .016       | 7.92    | .55662  | .004    | 1        |
| S2        | 2.5000       | 2.5642      | .064       | 2.57    | 6.6433  | .026    | 1        |
| S3        | 5.0000       | 5.0913      | .091       | 1.83    | 13.193  | .024    | 1        |
| S4        | 10.000       | 10.182      | .182       | 1.82    | 26.389  | .026    | 1        |
| S5        | 20.000       | 19.646      | -.354      | -1.77   | 50.919  | .443    | 1        |



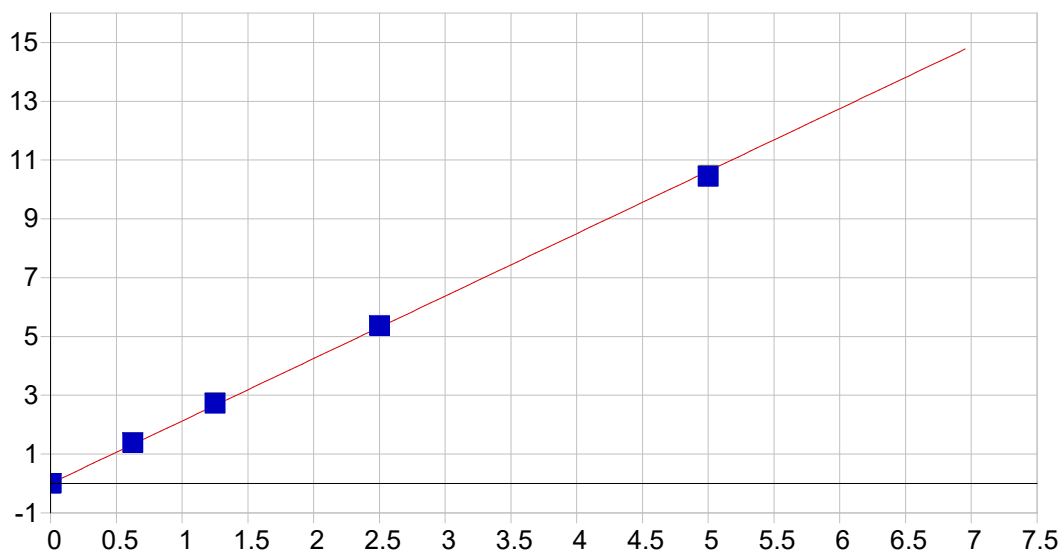
**Be 234.861 {144}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001859 Re-Slope: 1.000000  
 A1 (Gain): 2.390567 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999531 Status: OK.  
 Std Error of Est: 0.000274  
 Predicted MDL: 0.000131  
 Predicted MQL: 0.000436

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00186 | .000    | 1        |
| S1        | .00500       | .00568      | .001       | 13.6    | .01171  | .000    | 1        |
| S2        | .12500       | .13138      | .006       | 5.10    | .31143  | .002    | 1        |
| S3        | .25000       | .25889      | .009       | 3.56    | .61549  | .004    | 1        |
| S4        | .50000       | .51154      | .012       | 2.31    | 1.2179  | .008    | 1        |
| S5        | 1.0000       | .97251      | -.027      | -2.75   | 2.3168  | .020    | 1        |



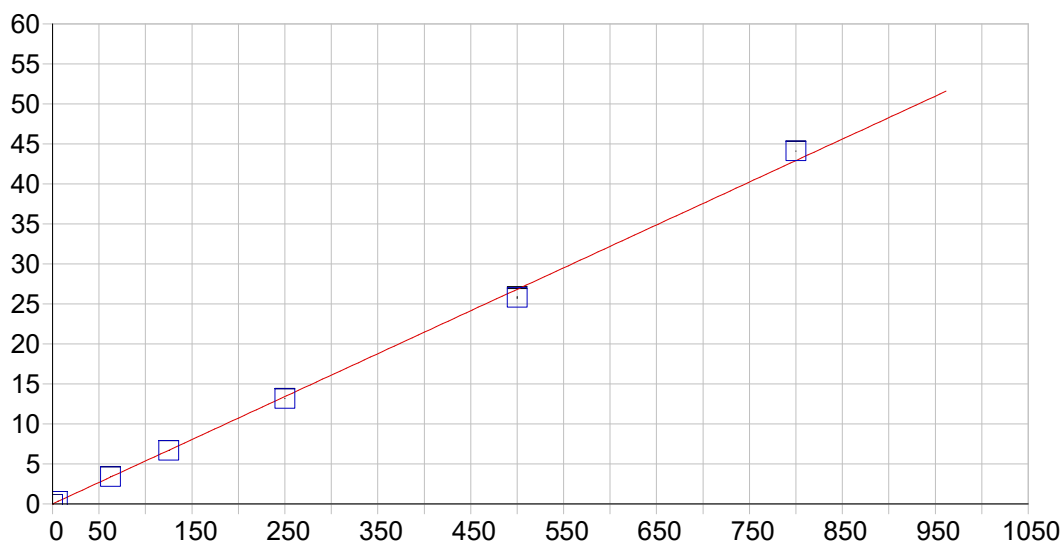


**Cd 214.438 {457}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000125 Re-Slope: 1.000000  
 A1 (Gain): 2.124986 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999792 Status: OK.  
 Std Error of Est: 0.000364  
 Predicted MDL: 0.000155  
 Predicted MQL: 0.000517

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00013 | .000    | 1        |
| S1        | .00500       | .00576      | .001       | 15.2    | .01213  | .000    | 1        |
| S2        | .62500       | .65227      | .027       | 4.36    | 1.3886  | .000    | 1        |
| S3        | 1.2500       | 1.2836      | .034       | 2.69    | 2.7328  | .004    | 1        |
| S4        | 2.5000       | 2.5240      | .024       | .962    | 5.3739  | .005    | 1        |
| S5        | 5.0000       | 4.9143      | -.086      | -1.71   | 10.464  | .021    | 1        |

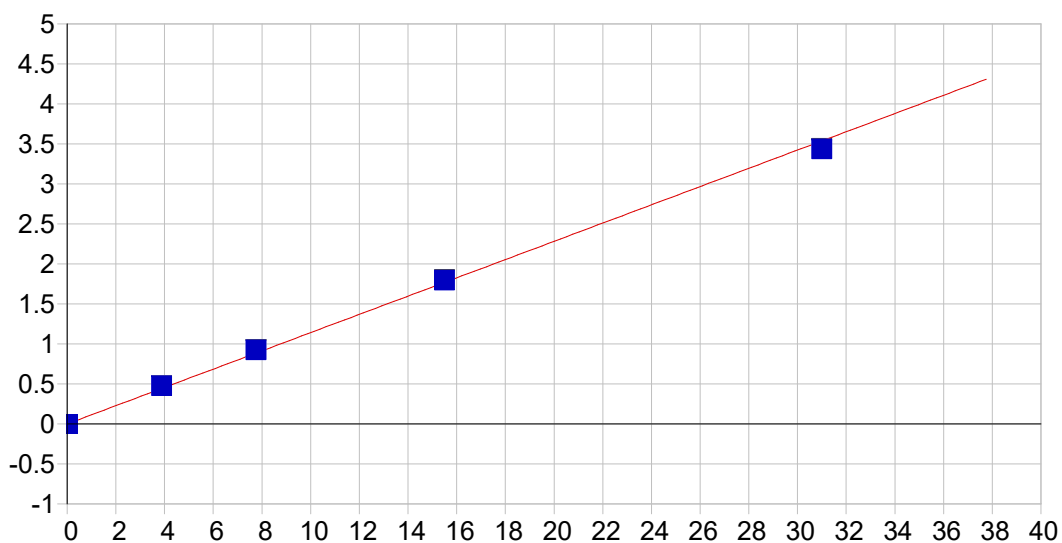


Ca 373.690 { 90}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001745 Re-Slope: 1.000000  
 A1 (Gain): 0.053647 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999564 Status: OK.  
 Std Error of Est: 0.005531  
 Predicted MDL: 0.015579  
 Predicted MQL: 0.051931

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00058     | -.001      | .000    | .00171 | .000    | 1        |
| S1        | 5.0000       | 5.6371      | .637       | 12.7    | .30416 | .002    | 1        |
| S2        | 62.500       | 63.664      | 1.16       | 1.86    | 3.4171 | .006    | 1        |
| S3        | 125.00       | 124.79      | -.212      | -.169   | 6.6963 | .003    | 1        |
| S4        | 250.00       | 245.51      | -4.49      | -1.80   | 13.172 | .013    | 1        |
| S5        | 500.00       | 480.89      | -19.1      | -3.82   | 25.800 | .109    | 1        |
| S6        | 800.00       | 822.01      | 22.0       | 2.75    | 44.100 | .035    | 1        |

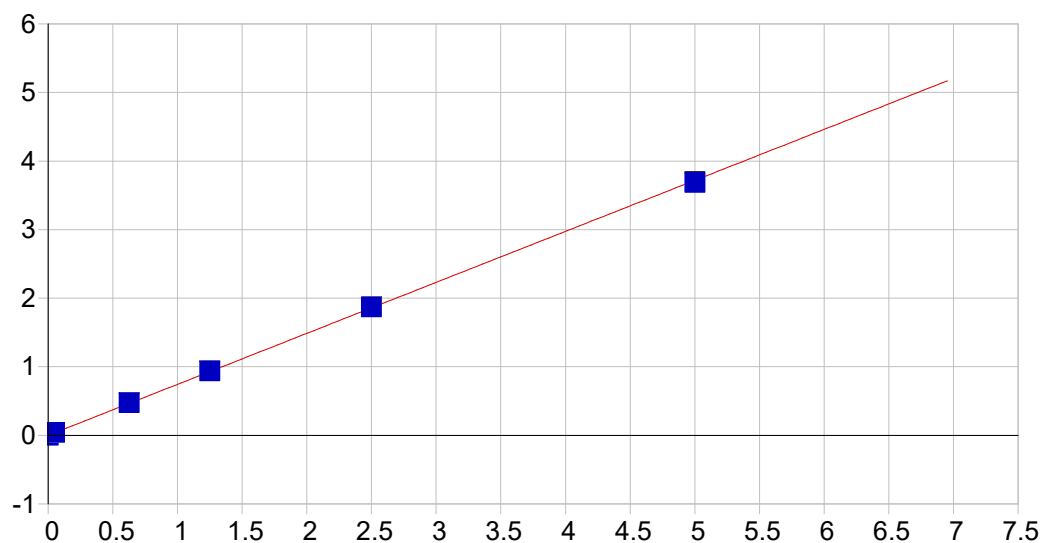


**Cr 267.716 {126}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000  
 A1 (Gain): 0.114111 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999394 Status: OK.  
 Std Error of Est: 0.000117  
 Predicted MDL: 0.000901  
 Predicted MQL: 0.003003

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .01000       | .01223      | .002       | 22.3    | .00131  | .000    | 1        |
| S2        | 3.8750       | 4.1724      | .297       | 7.68    | .47616  | .001    | 1        |
| S3        | 7.7500       | 8.1130      | .363       | 4.68    | .92595  | .002    | 1        |
| S4        | 15.500       | 15.743      | .243       | 1.57    | 1.7968  | .003    | 1        |
| S5        | 31.000       | 30.095      | -.905      | -2.92   | 3.4351  | .009    | 1        |

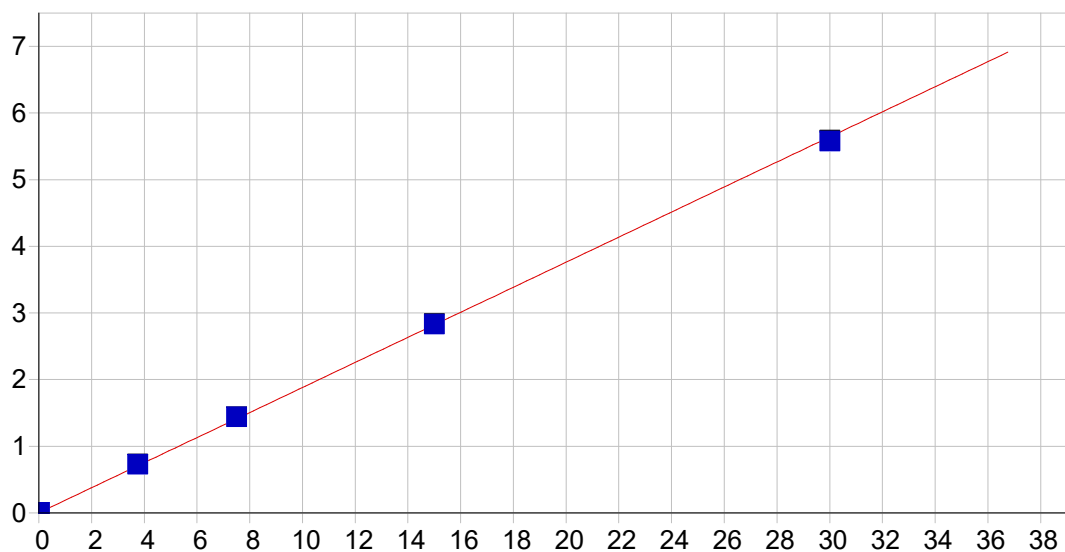


**Co 228.616 {448}**

Date of Fit: 09/17/2021 12:23:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000109 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.743583 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999934 | Status:   | OK.      |
| Std Error of Est: | 0.000227 |           |          |
| Predicted MDL:    | 0.000442 |           |          |
| Predicted MQL:    | 0.001473 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .05000       | .05467      | .005       | 9.34    | .04089 | .000    | 1        |
| S2        | .62500       | .63528      | .010       | 1.64    | .47319 | .001    | 1        |
| S3        | 1.2500       | 1.2622      | .012       | .978    | .94007 | .001    | 1        |
| S4        | 2.5000       | 2.5174      | .017       | .696    | 1.8748 | .003    | 1        |
| S5        | 5.0000       | 4.9554      | -.045      | -.892   | 3.6904 | .010    | 1        |

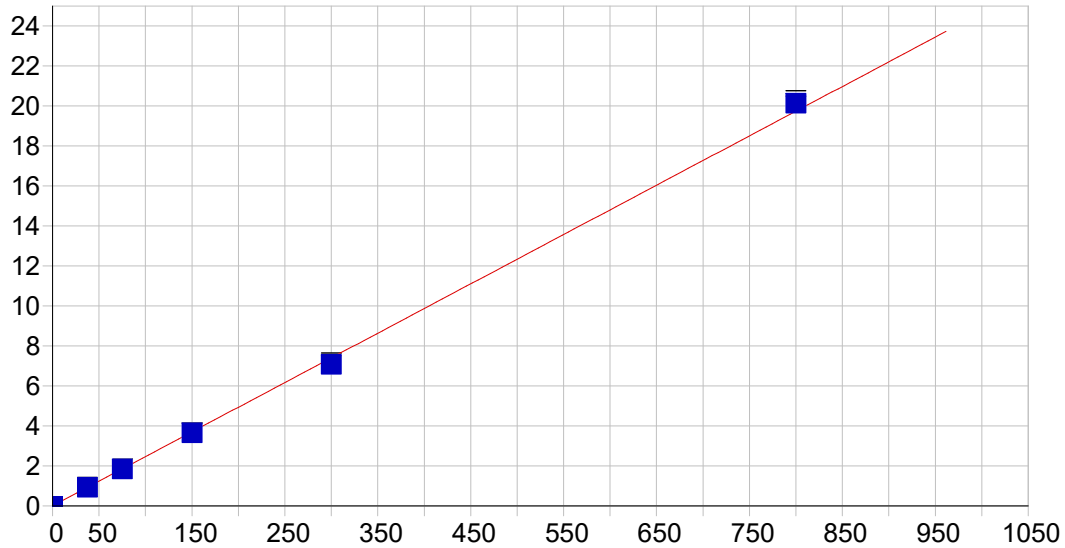


**Cu 324.754 {104}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001683 Re-Slope: 1.000000  
 A1 (Gain): 0.188023 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999892 Status: OK.  
 Std Error of Est: 0.000126  
 Predicted MDL: 0.002881  
 Predicted MQL: 0.009604

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00168 | .000    | 1        |
| S1        | .02500       | .03091      | .006       | 23.6    | .00748 | .001    | 1        |
| S2        | 3.7500       | 3.8646      | .115       | 3.06    | .72736 | .001    | 1        |
| S3        | 7.5000       | 7.6558      | .156       | 2.08    | 1.4393 | .003    | 1        |
| S4        | 15.000       | 15.058      | .058       | .385    | 2.8291 | .004    | 1        |
| S5        | 30.000       | 29.666      | -.334      | -1.11   | 5.5719 | .012    | 1        |

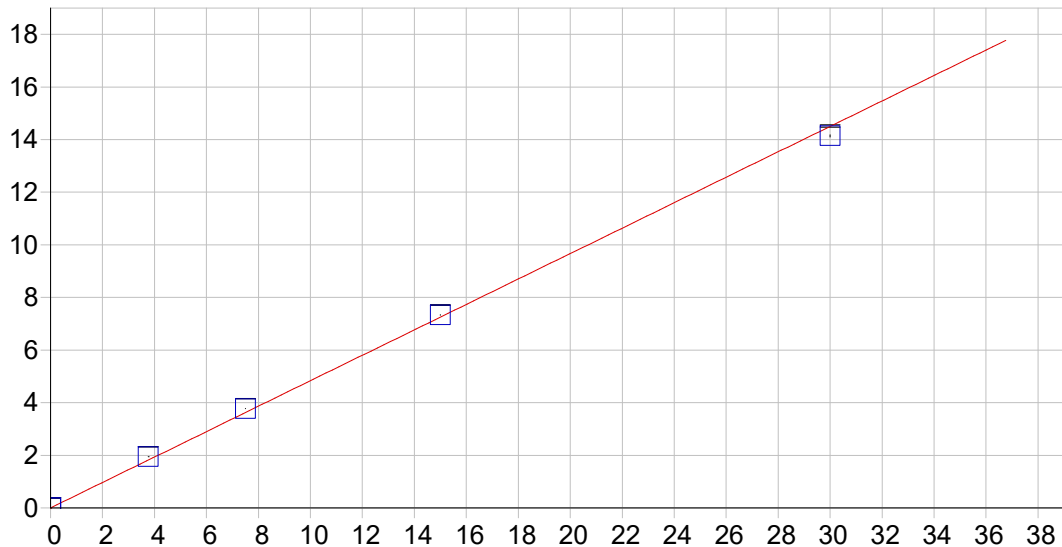


**Fe 259.837 {130}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000359 Re-Slope: 1.000000  
 A1 (Gain): 0.024678 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999658 Status: OK.  
 Std Error of Est: 0.000282  
 Predicted MDL: 0.010607  
 Predicted MQL: 0.035356

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00036 | .000    | 1        |
| S1        | .10000       | .10207      | .002       | 2.07    | .00289 | .000    | 1        |
| S2        | 37.500       | 37.481      | -.019      | -.052   | .92639 | .005    | 1        |
| S3        | 75.000       | 74.852      | -.148      | -.198   | 1.8497 | .004    | 1        |
| S4        | 150.00       | 147.74      | -2.26      | -1.51   | 3.6507 | .008    | 1        |
| S5        | 300.00       | 286.69      | -13.3      | -4.44   | 7.0839 | .064    | 1        |
| S6        | 800.00       | 815.75      | 15.7       | 1.97    | 20.145 | .135    | 1        |

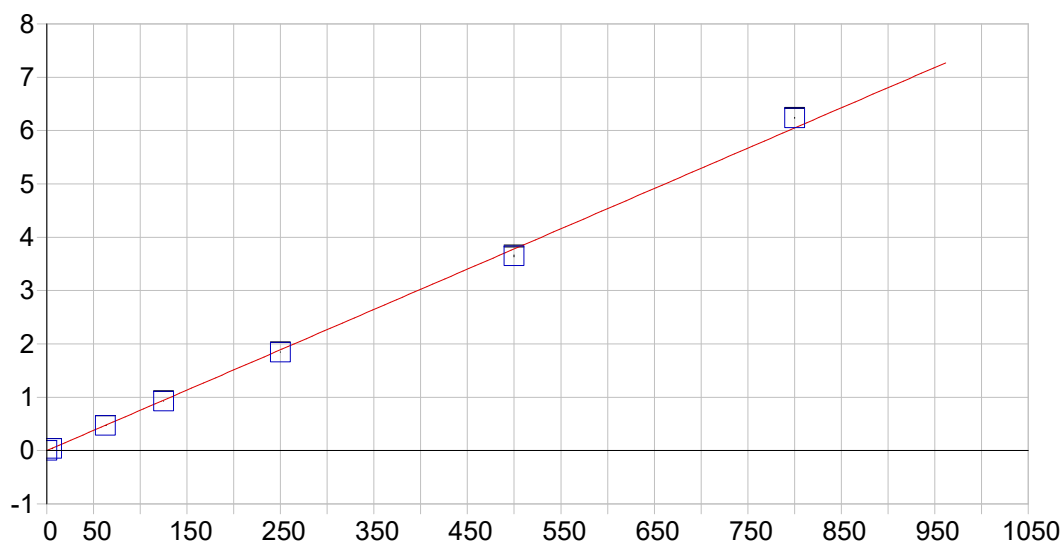


**Mn 257.610 {131}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000414 Re-Slope: 1.000000  
 A1 (Gain): 0.483407 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999527 Status: OK.  
 Std Error of Est: 0.000529  
 Predicted MDL: 0.000580  
 Predicted MQL: 0.001934

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00041 | .000    | 1        |
| S1        | .01500       | .01713      | .002       | 14.2    | .00870 | .000    | 1        |
| S2        | 3.7500       | 4.0232      | .273       | 7.29    | 1.9453 | .003    | 1        |
| S3        | 7.5000       | 7.8082      | .308       | 4.11    | 3.7749 | .007    | 1        |
| S4        | 15.000       | 15.164      | .164       | 1.09    | 7.3307 | .013    | 1        |
| S5        | 30.000       | 29.253      | -.747      | -2.49   | 14.141 | .039    | 1        |



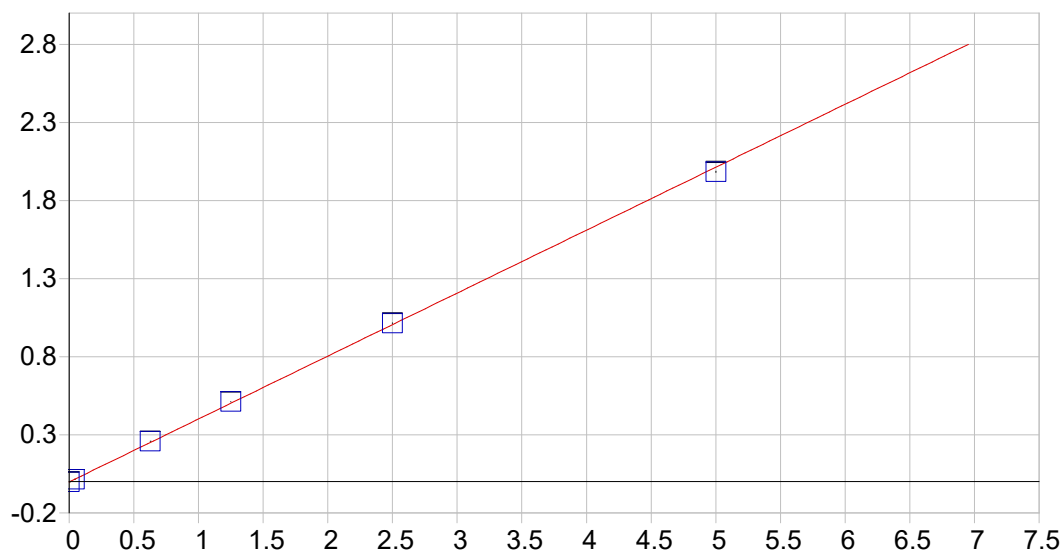
### Mg 279.079 {121}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000383 Re-Slope: 1.000000  
 A1 (Gain): 0.007561 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999545 Status: OK.  
 Std Error of Est: 0.000796  
 Predicted MDL: 0.038875  
 Predicted MQL: 0.129582

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00012     | -.000      | .000    | -.00038 | .000    | 1        |
| S1        | 5.0000       | 5.3656      | .366       | 7.31    | .04019  | .001    | 1        |
| S2        | 62.500       | 62.200      | -.300      | -.480   | .46990  | .001    | 1        |
| S3        | 125.00       | 122.90      | -2.10      | -1.68   | .92884  | .001    | 1        |
| S4        | 250.00       | 244.09      | -5.91      | -2.37   | 1.8451  | .004    | 1        |
| S5        | 500.00       | 482.79      | -17.2      | -3.44   | 3.6499  | .019    | 1        |
| S6        | 800.00       | 825.16      | 25.2       | 3.14    | 6.2385  | .009    | 1        |



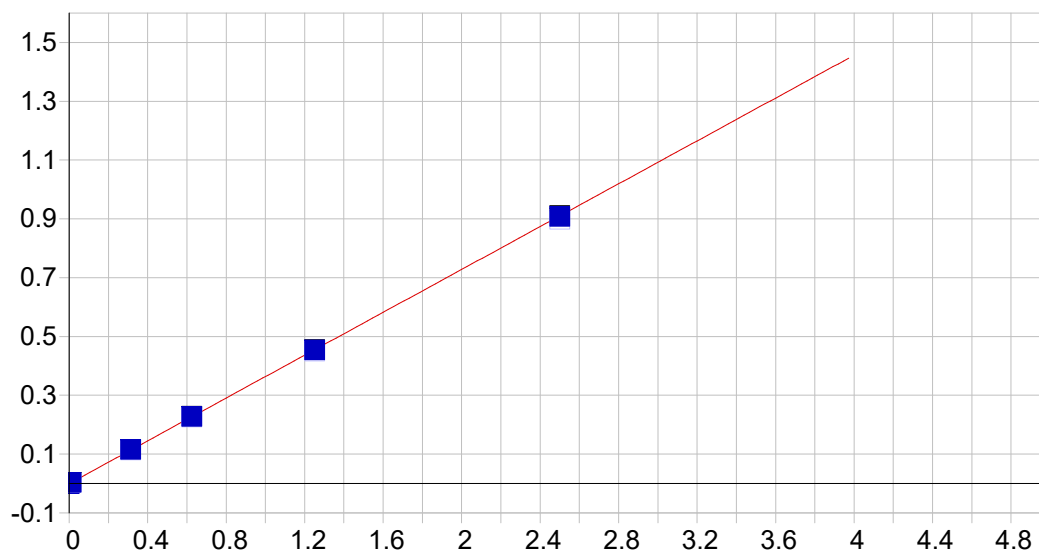


# **Ni 231.604 {446}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001672 Re-Slope: 1.000000  
A1 (Gain): 0.402948 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999855 Status: OK.  
Std Error of Est: 0.000163  
Predicted MDL: 0.000826  
Predicted MQL: 0.002754

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00167 | .000    | 1        |
| S1        | .04000       | .04315      | .003       | 7.88    | .01572  | .000    | 1        |
| S2        | .62500       | .64530      | .020       | 3.25    | .25835  | .000    | 1        |
| S3        | 1.2500       | 1.2755      | .025       | 2.04    | .51227  | .001    | 1        |
| S4        | 2.5000       | 2.5244      | .024       | .975    | 1.0155  | .002    | 1        |
| S5        | 5.0000       | 4.9267      | -.073      | -1.47   | 1.9835  | .004    | 1        |

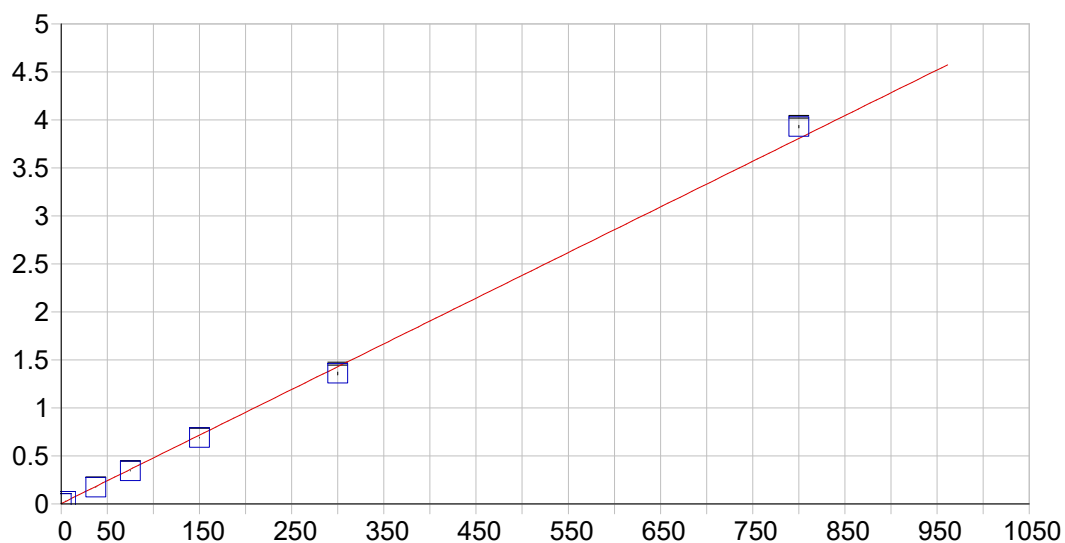


**Ag 328.068 {103}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000726 Re-Slope: 1.000000  
 A1 (Gain): 0.364336 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999977 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.000555  
 Predicted MQL: 0.001852

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00073 | .000    | 1        |
| S1        | .01000       | .01089      | .001       | 8.86    | .00322  | .000    | 1        |
| S2        | .31250       | .31780      | .005       | 1.70    | .11385  | .000    | 1        |
| S3        | .62500       | .62798      | .003       | .477    | .22565  | .001    | 1        |
| S4        | 1.2500       | 1.2485      | -.001      | -.119   | .44931  | .001    | 1        |
| S5        | 2.5000       | 2.4923      | -.008      | -.308   | .89762  | .004    | 1        |

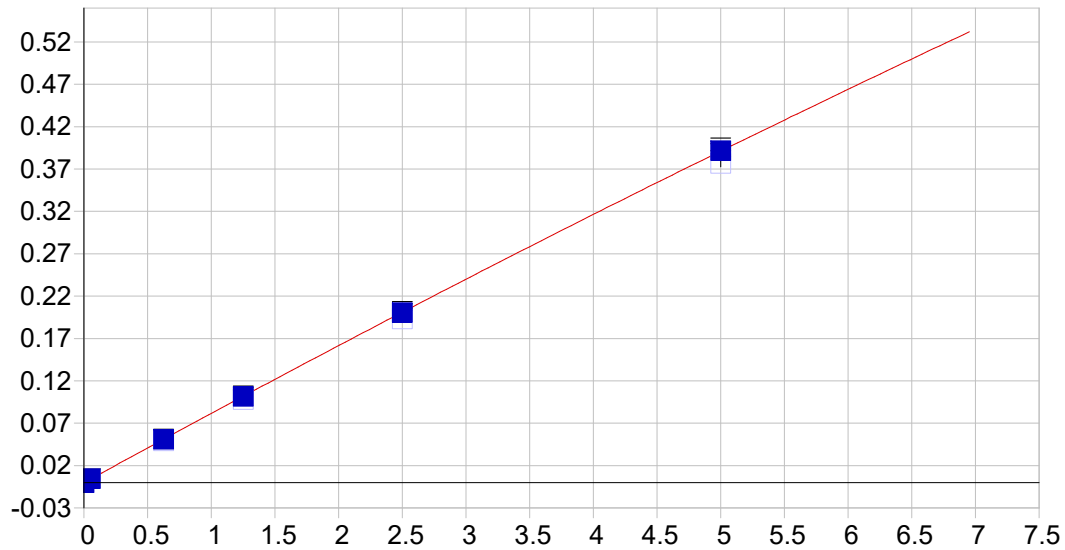


**Na 818.326 { 41}**

Date of Fit: 09/17/2021 12:23:59      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003871 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.004753 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999259 | Status:   | OK.      |
| Std Error of Est: | 0.000566 |           |          |
| Predicted MDL:    | 0.324049 |           |          |
| Predicted MQL:    | 1.080162 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00080      | .001       | .000    | .00387 | .001    | 1        |
| S1        | 5.0000       | 4.9221      | -.078      | -1.56   | .02727 | .001    | 1        |
| S2        | 37.500       | 35.887      | -1.61      | -4.30   | .17446 | .001    | 1        |
| S3        | 75.000       | 71.702      | -3.30      | -4.40   | .34470 | .002    | 1        |
| S4        | 150.00       | 144.09      | -5.91      | -3.94   | .68881 | .002    | 1        |
| S5        | 300.00       | 285.05      | -14.9      | -4.98   | 1.3588 | .014    | 1        |
| S6        | 800.00       | 825.85      | 25.8       | 3.23    | 3.9295 | .014    | 1        |

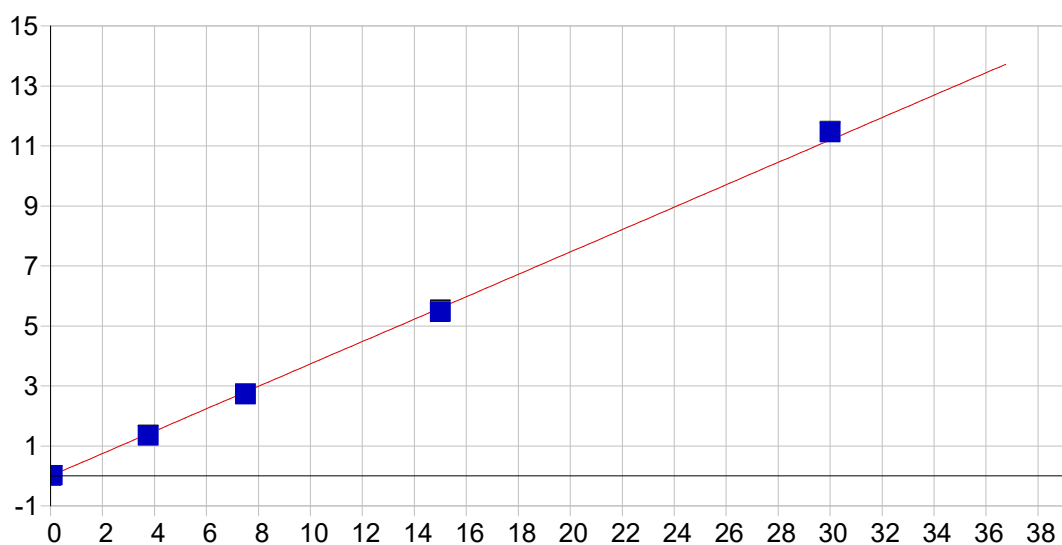


**V 292.402 {115}**

Date of Fit: 09/17/2021 12:23:59      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000412 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.082797  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000896 |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999938  | Status:   | OK.      |
| Std Error of Est: | 0.000026  |           |          |
| Predicted MDL:    | 0.004108  |           |          |
| Predicted MQL:    | 0.013693  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00041 | .000    | 1        |
| S1        | .05000       | .05695      | .007       | 13.9    | .00429  | .000    | 1        |
| S2        | .62500       | .62247      | -.003      | -.406   | .04887  | .000    | 1        |
| S3        | 1.2500       | 1.2467      | -.003      | -.264   | .09761  | .001    | 1        |
| S4        | 2.5000       | 2.4947      | -.005      | -.214   | .19295  | .001    | 1        |
| S5        | 5.0000       | 5.0040      | .004       | .080    | .37624  | .003    | 1        |

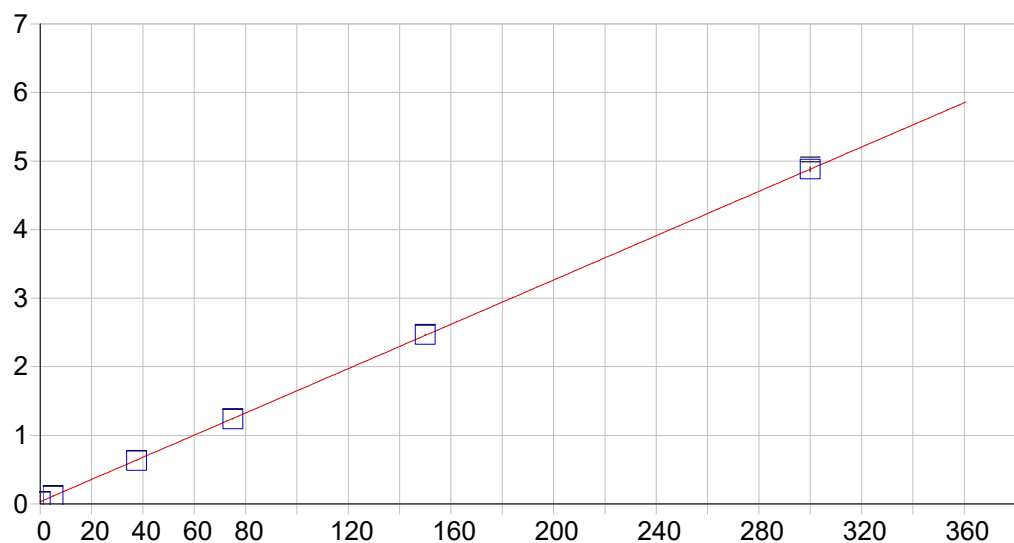


### Zn 213.856 {158}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000487 Re-Slope: 1.000000  
 A1 (Gain): 0.373283 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999697 Status: OK.  
 Std Error of Est: 0.000655  
 Predicted MDL: 0.003009  
 Predicted MQL: 0.010031

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00049 | .001    | 1        |
| S1        | .06000       | .06063      | .001       | 1.05    | .02222  | .001    | 1        |
| S2        | 3.7500       | 3.6118      | -.138      | -3.69   | 1.3488  | .011    | 1        |
| S3        | 7.5000       | 7.2928      | -.207      | -2.76   | 2.7240  | .010    | 1        |
| S4        | 15.000       | 14.659      | -.341      | -2.27   | 5.4759  | .052    | 1        |
| S5        | 30.000       | 30.686      | .686       | 2.29    | 11.463  | .026    | 1        |

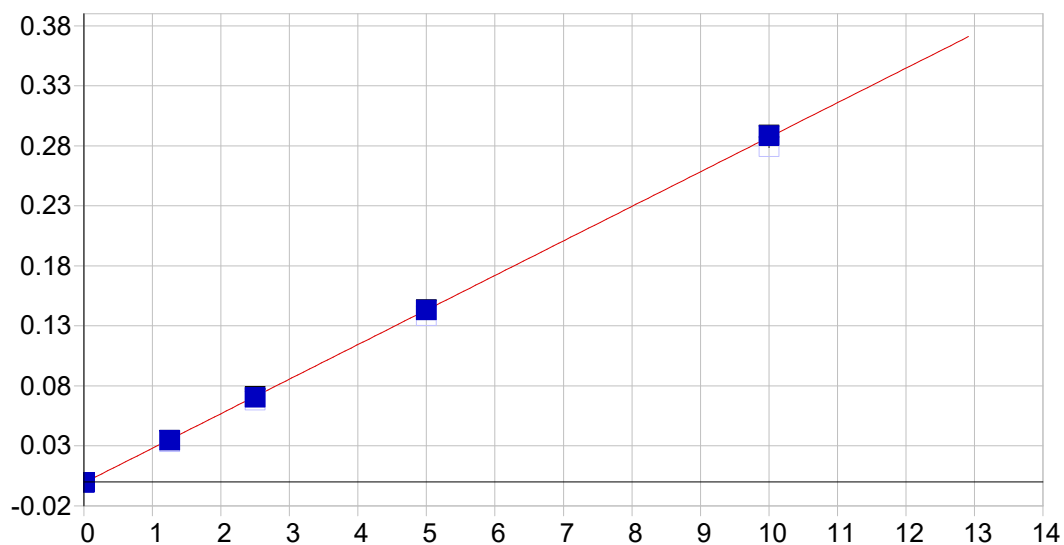


K 769.896 { 44}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.033198 Re-Slope: 1.000000  
 A1 (Gain): 0.016160 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999978 Status: OK.  
 Std Error of Est: 0.000222  
 Predicted MDL: 0.083330  
 Predicted MQL: 0.277765

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00018     | -.000      | .000    | .03319 | .001    | 1        |
| S1        | 5.0000       | 5.2520      | .252       | 5.04    | .11807 | .001    | 1        |
| S2        | 37.500       | 37.018      | -.482      | -1.28   | .63142 | .001    | 1        |
| S3        | 75.000       | 74.554      | -.446      | -.595   | 1.2380 | .003    | 1        |
| S4        | 150.00       | 150.74      | .736       | .491    | 2.4691 | .003    | 1        |
| S5        | 300.00       | 299.94      | -.060      | -.020   | 4.8803 | .035    | 1        |

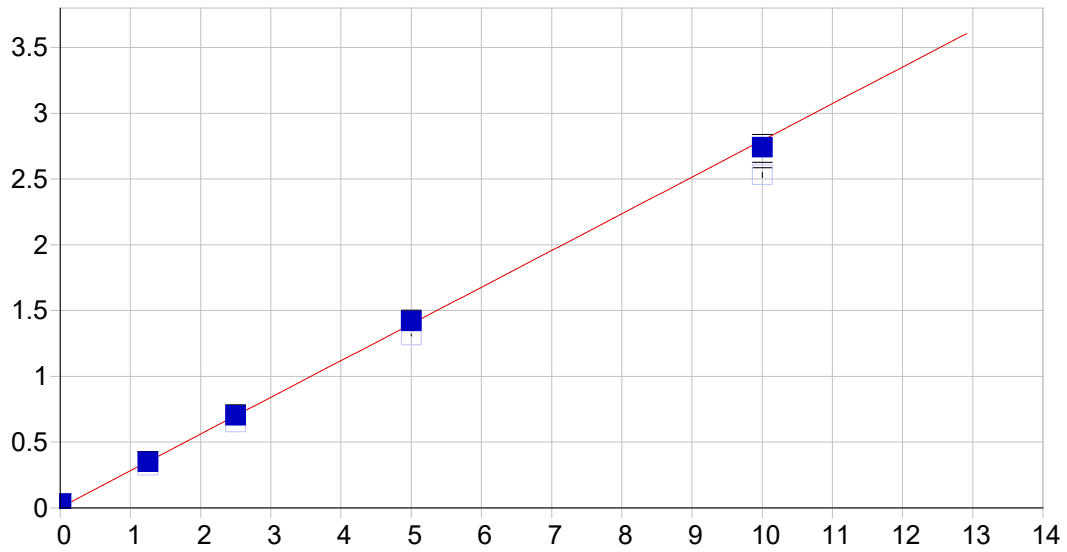


**P 177.495 {490}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000736 Re-Slope: 1.000000  
 A1 (Gain): 0.028783 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999865 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.006027  
 Predicted MQL: 0.020089

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00074 | .000    | 1        |
| S1        | .01000       | .01612      | .006       | 61.2    | -.00028 | .000    | 1        |
| S2        | 1.2500       | 1.2282      | -.022      | -1.75   | .03342  | .000    | 1        |
| S3        | 2.5000       | 2.4707      | -.029      | -1.17   | .06800  | .001    | 1        |
| S4        | 5.0000       | 4.9943      | -.006      | -.114   | .13826  | .000    | 1        |
| S5        | 10.000       | 10.051      | .051       | .506    | .27903  | .000    | 1        |



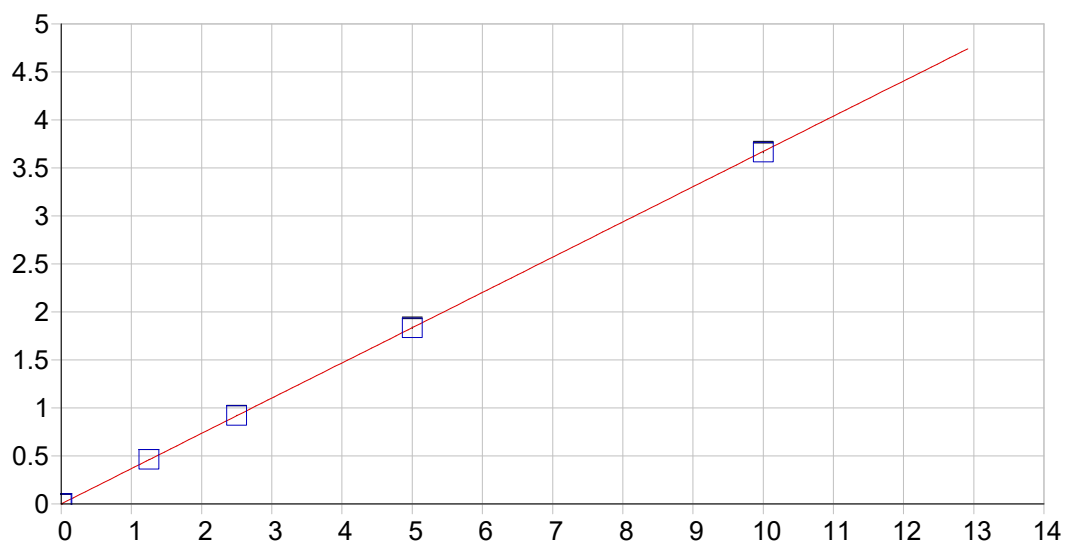
**B 249.678 {135}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003472 Re-Slope: 1.000000  
 A1 (Gain): 0.279014 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.973007 Status: OK.  
 Std Error of Est: 0.001026  
 Predicted MDL: 0.001422  
 Predicted MQL: 0.004740

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00009     | -.000      | .000    | .00345 | .000    | 1        |
| S1        | .01000       | .10468      | .095       | 947.    | .03264 | .000    | 1        |
| S2        | 1.2500       | 1.2442      | -.006      | -.463   | .32427 | .001    | 1        |
| S3        | 2.5000       | 2.5108      | .011       | .434    | .65133 | .004    | 1        |
| S4        | 5.0000       | 5.0759      | .076       | 1.52    | 1.3143 | .008    | 1        |
| S5        | 10.000       | 9.8182      | -.182      | -1.82   | 2.5321 | .020    | 1        |



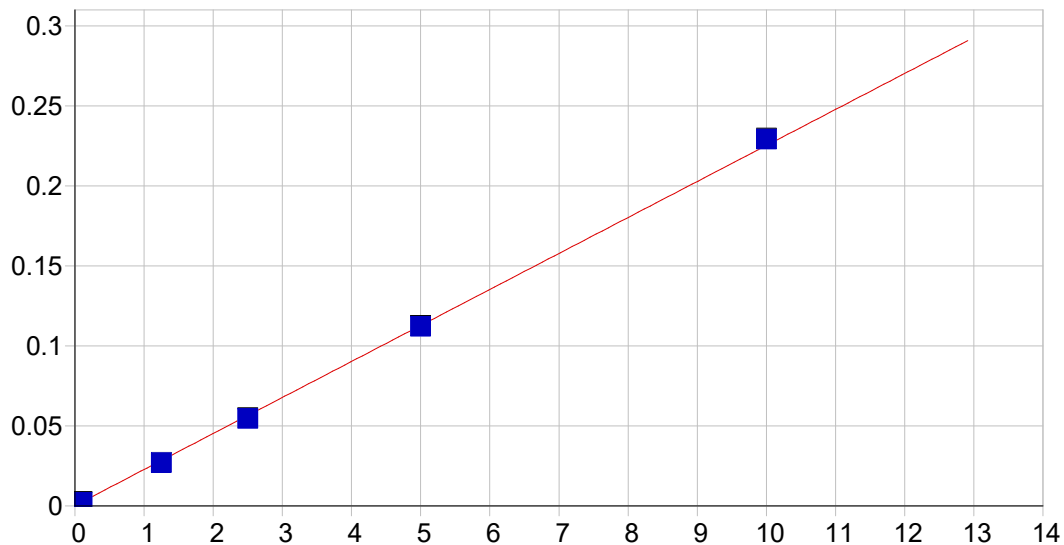


Mo 202.030 {467}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000366 Re-Slope: 1.000000  
 A1 (Gain): 0.367073 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999993 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.000698  
 Predicted MQL: 0.002325

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00037 | .000    | 1        |
| S1        | .01000       | .01078      | .001       | 7.78    | .00432 | .000    | 1        |
| S2        | 1.2500       | 1.2625      | .013       | 1.00    | .46380 | .001    | 1        |
| S3        | 2.5000       | 2.5087      | .009       | .348    | .92124 | .002    | 1        |
| S4        | 5.0000       | 4.9978      | -.002      | -.044   | 1.8349 | .008    | 1        |
| S5        | 10.000       | 9.9802      | -.020      | -.198   | 3.6638 | .008    | 1        |

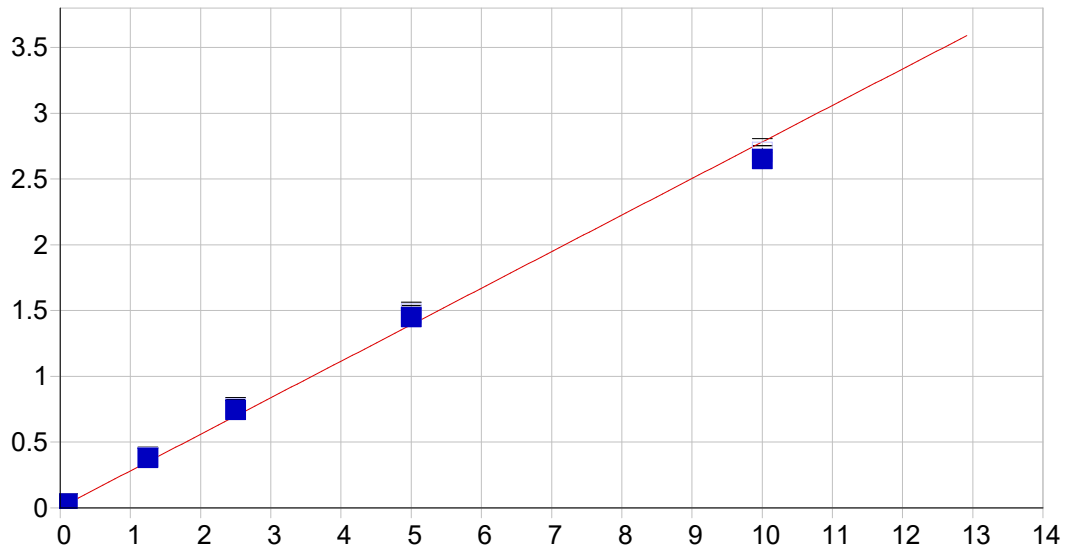


**S 182.034 {485}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000248 Re-Slope: 1.000000  
 A1 (Gain): 0.022502 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999760 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.008102  
 Predicted MQL: 0.027005

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00025 | .000    | 1        |
| S1        | .10000       | .09933      | -.001      | -.671   | .00248 | .000    | 1        |
| S2        | 1.2500       | 1.1870      | -.063      | -5.04   | .02696 | .000    | 1        |
| S3        | 2.5000       | 2.4178      | -.082      | -3.29   | .05465 | .000    | 1        |
| S4        | 5.0000       | 4.9723      | -.028      | -.554   | .11212 | .001    | 1        |
| S5        | 10.000       | 10.174      | .174       | 1.74    | .22915 | .001    | 1        |

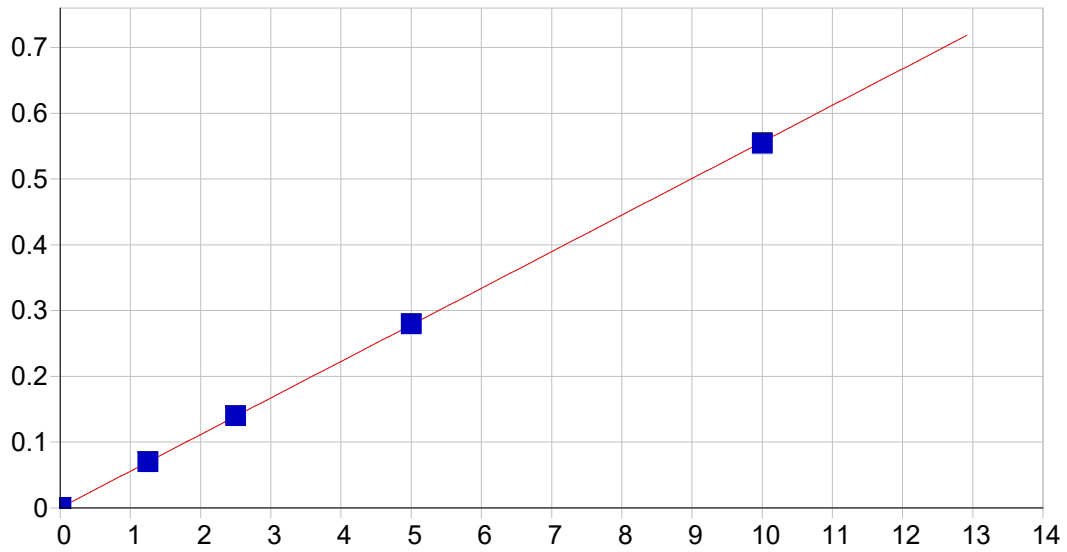


Si 251.611 {134}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003809 Re-Slope: 1.000000  
 A1 (Gain): 0.277777 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998747 Status: OK.  
 Std Error of Est: 0.000754  
 Predicted MDL: 0.001505  
 Predicted MQL: 0.005016

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00381 | .000    | 1        |
| S1        | .10000       | .09808      | -.002      | -1.92   | .03136 | .001    | 1        |
| S2        | 1.2500       | 1.3484      | .098       | 7.87    | .38514 | .001    | 1        |
| S3        | 2.5000       | 2.6651      | .165       | 6.61    | .75766 | .005    | 1        |
| S4        | 5.0000       | 5.2068      | .207       | 4.14    | 1.4772 | .012    | 1        |
| S5        | 10.000       | 9.5316      | -.468      | -4.68   | 2.7056 | .027    | 1        |

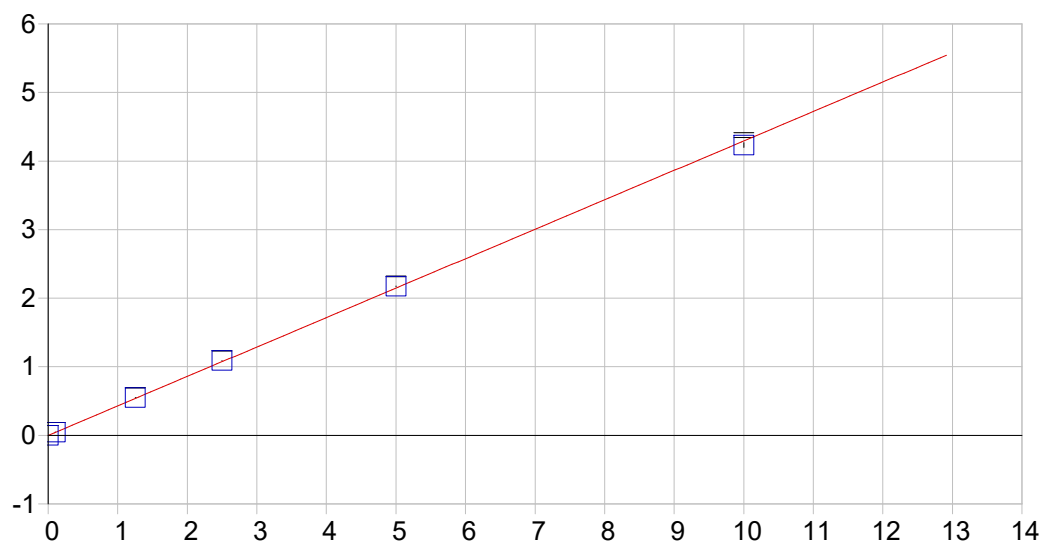


**Sn 189.989 {478}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000256 Re-Slope: 1.000000  
 A1 (Gain): 0.055615 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999990 Status: OK.  
 Std Error of Est: 0.000004  
 Predicted MDL: 0.002825  
 Predicted MQL: 0.009415

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00026 | .000    | 1        |
| S1        | .00700       | .00656      | -.000      | -6.23   | .00061 | .000    | 1        |
| S2        | 1.2500       | 1.2526      | .003       | .212    | .06973 | .000    | 1        |
| S3        | 2.5000       | 2.5123      | .012       | .492    | .13960 | .000    | 1        |
| S4        | 5.0000       | 5.0254      | .025       | .508    | .27898 | .000    | 1        |
| S5        | 10.000       | 9.9601      | -.040      | -.399   | .55267 | .001    | 1        |

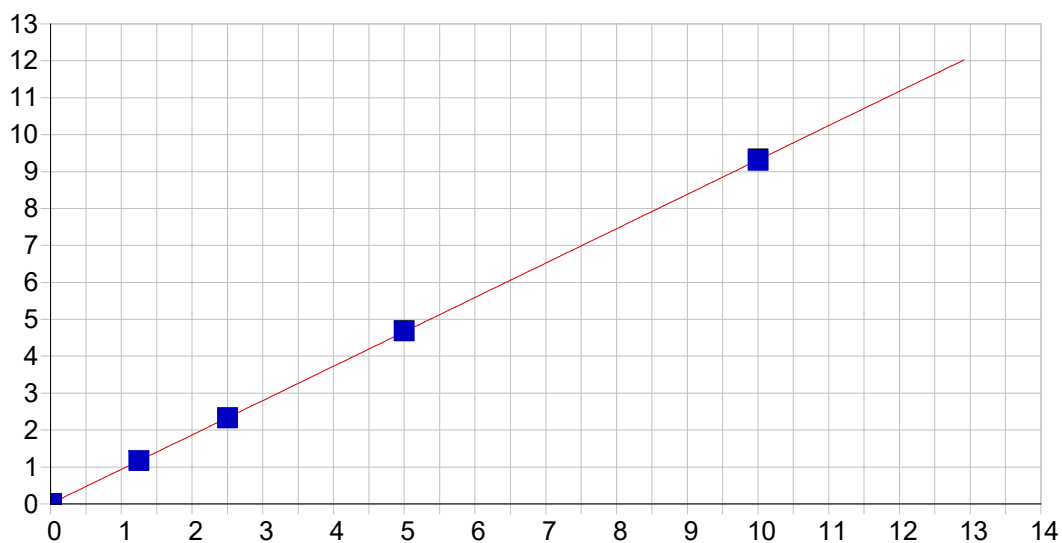


**Ti 336.121 {100}**

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000150 Re-Slope: 1.000000  
 A1 (Gain): 0.429313 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999867 Status: OK.  
 Std Error of Est: 0.000372  
 Predicted MDL: 0.001394  
 Predicted MQL: 0.004647

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00014 | .001    | 1        |
| S1        | .10000       | .11009      | .010       | 10.1    | .04741 | .000    | 1        |
| S2        | 1.2500       | 1.2799      | .030       | 2.39    | .54964 | .002    | 1        |
| S3        | 2.5000       | 2.5389      | .039       | 1.56    | 1.0901 | .002    | 1        |
| S4        | 5.0000       | 5.0602      | .060       | 1.20    | 2.1726 | .004    | 1        |
| S5        | 10.000       | 9.8609      | -.139      | -1.39   | 4.2336 | .036    | 1        |

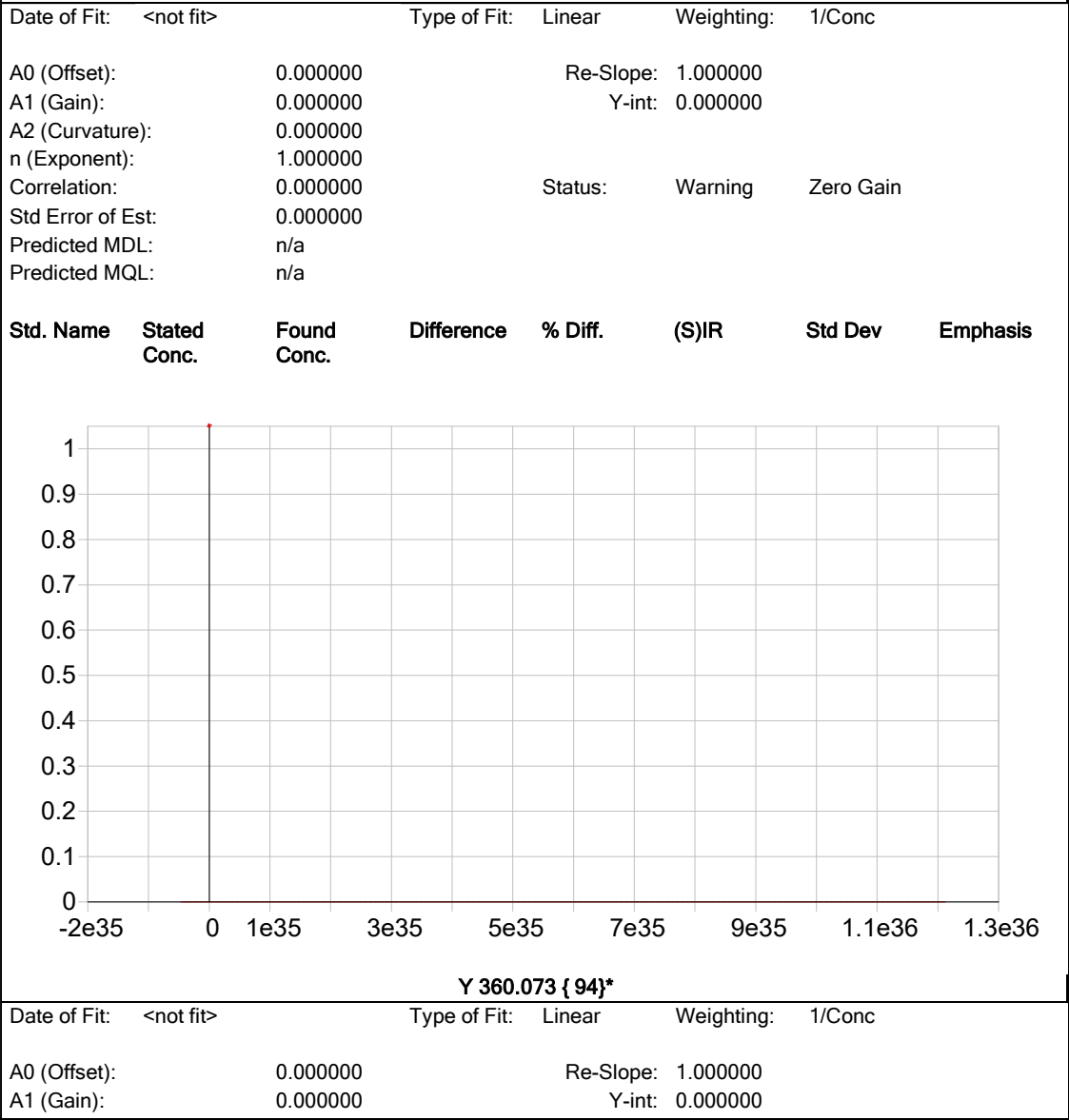
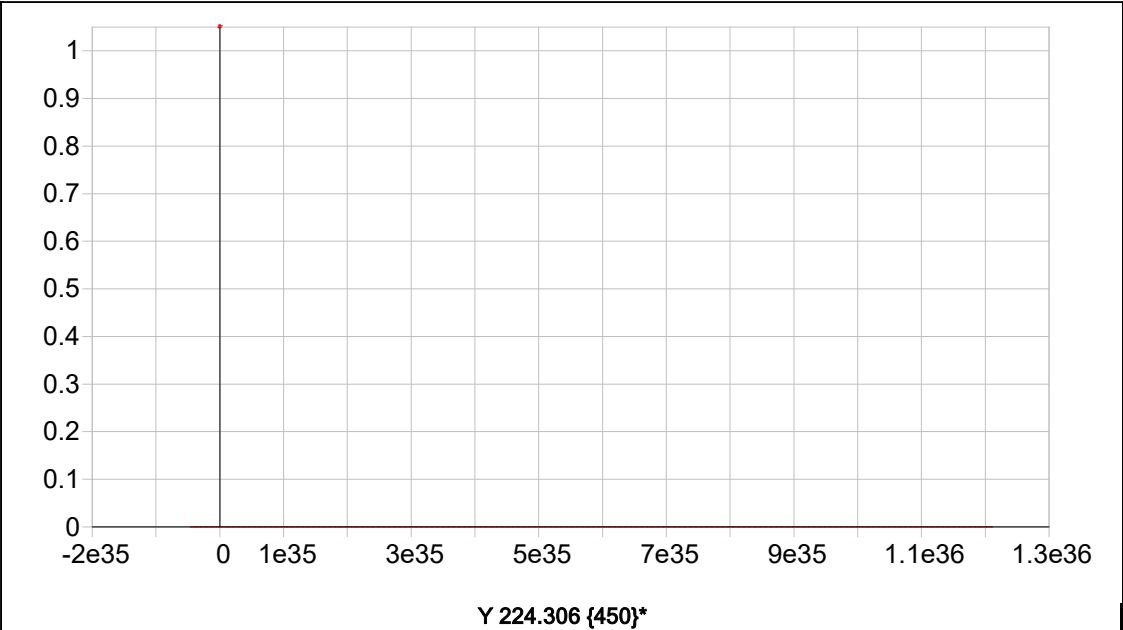


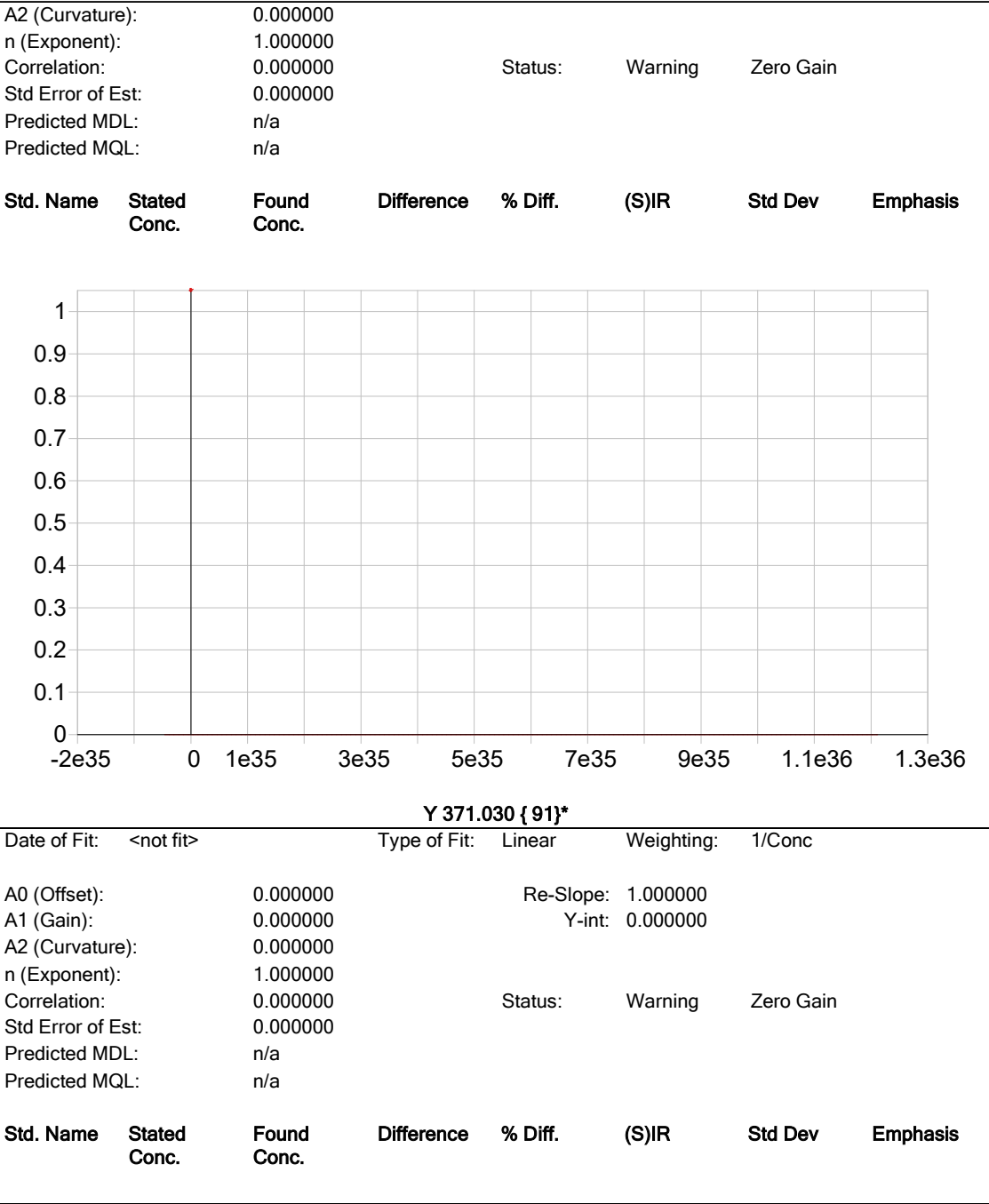
Li 670.784 { 50}

Date of Fit: 09/17/2021 12:23:59 Type of Fit: Linear Weighting: 1/Conc

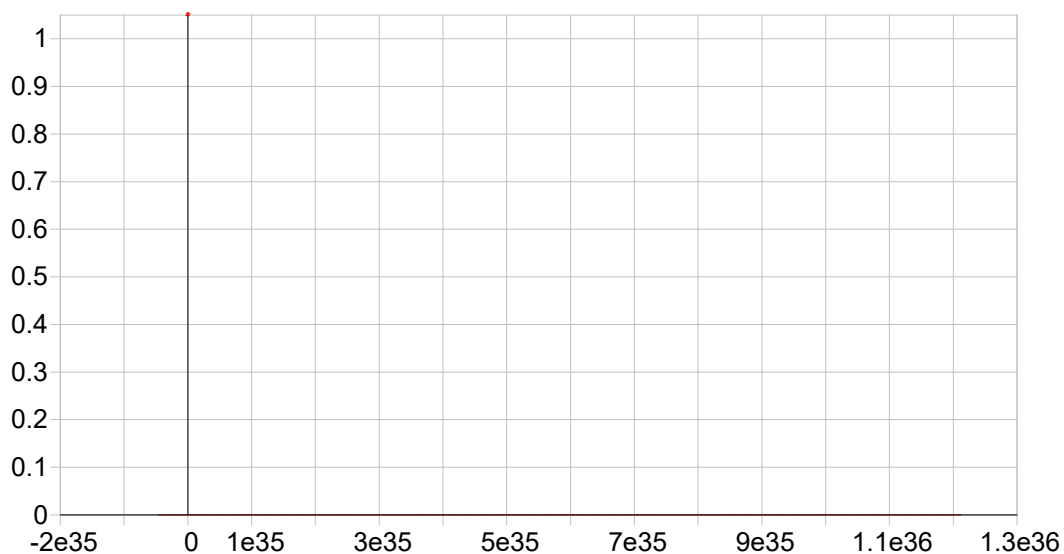
A0 (Offset): 0.005637 Re-Slope: 1.000000  
 A1 (Gain): 0.930912 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999997 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.001685  
 Predicted MQL: 0.005615

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00564 | .000    | 1        |
| S5        | 10.000       | 9.9863      | -.014      | -.137   | 9.2920 | .041    | 1        |
| S4        | 5.0000       | 5.0186      | .019       | .372    | 4.6725 | .008    | 1        |
| S3        | 2.5000       | 2.4934      | -.007      | -.263   | 2.3243 | .005    | 1        |
| S2        | 1.2500       | 1.2514      | .001       | .114    | 1.1693 | .009    | 1        |
| S1        | .01500       | .01523      | .000       | 1.51    | .01974 | .001    | 1        |









**Y 224.306 {150}\***

|              |           |
|--------------|-----------|
| Date of Fit: | <not fit> |
|--------------|-----------|

Type of Fit: Linear

---

Weighting: 1/Conc

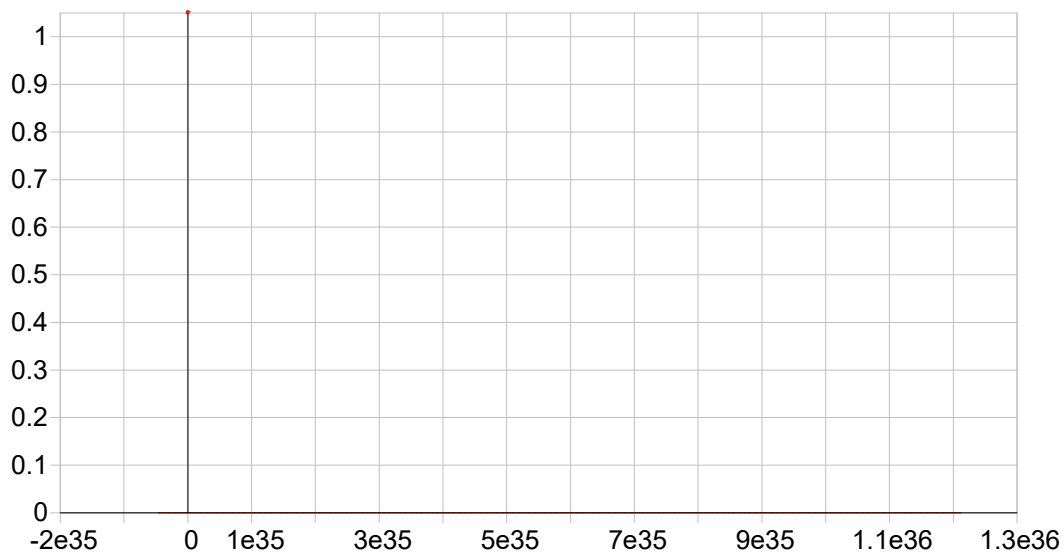
|                   |          |
|-------------------|----------|
| A0 (Offset):      | 0.000000 |
| A1 (Gain):        | 0.000000 |
| A2 (Curvature):   | 0.000000 |
| n (Exponent):     | 1.000000 |
| Correlation:      | 0.000000 |
| Std Error of Est: | 0.000000 |
| Predicted MDL:    | n/a      |
| Predicted MQL:    | n/a      |

Re-Slope: 1.000000

Y-int: 0.000000

Status:      Warning      Zero Gain

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



In 230.606 {446}<sup>\*</sup>

|              |           |
|--------------|-----------|
| Date of Fit: | <not fit> |
|--------------|-----------|

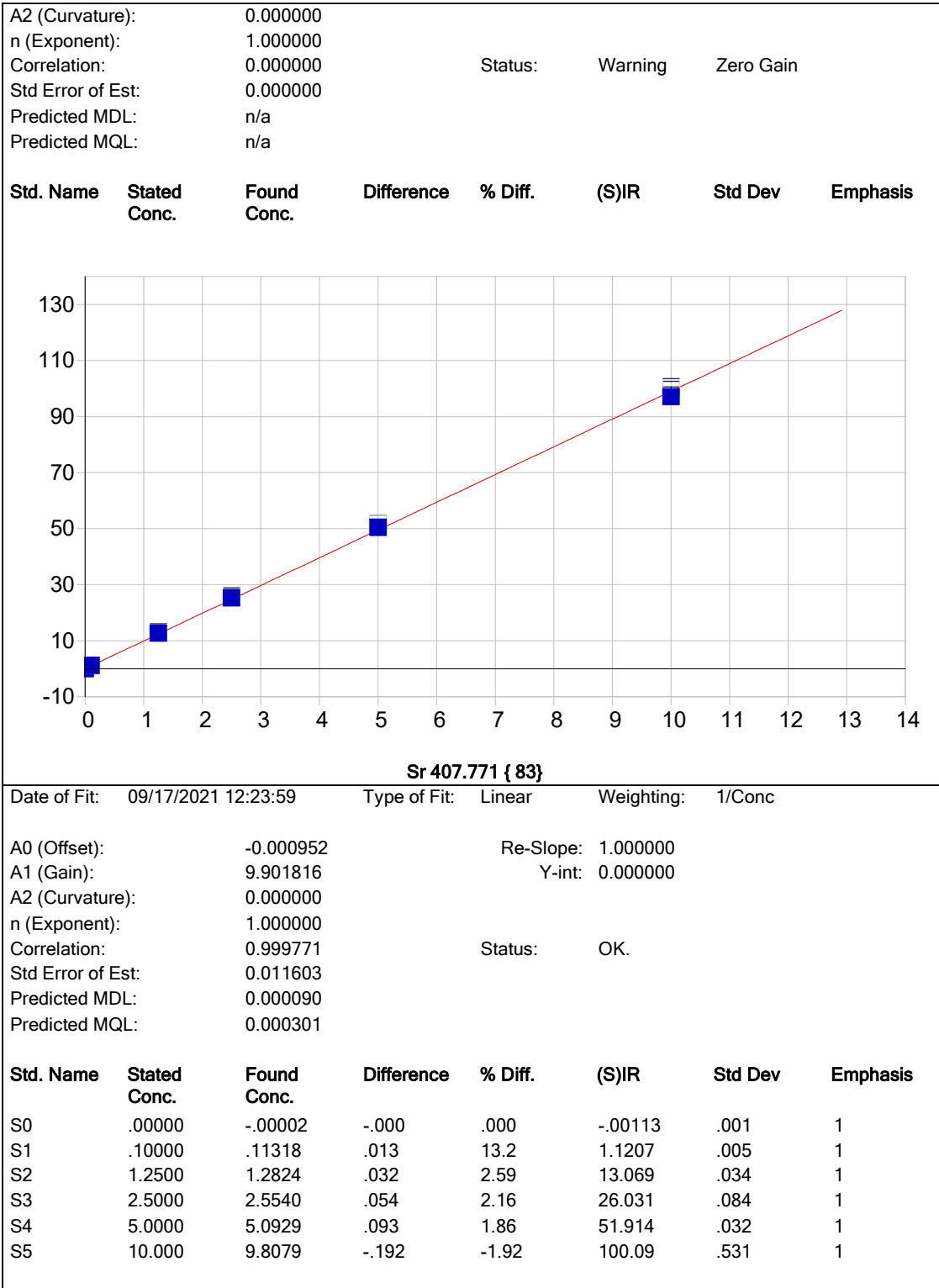
Type of Fit: Linear

Weighting: 1/Conc

|              |          |
|--------------|----------|
| A0 (Offset): | 0.000000 |
| A1 (Gain):   | 0.000000 |

Re-Slope: 1.000000

Y-int: 0.000000



Sample Name: S0      Acquired: 09/17/2021 11:25:38      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S0      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    | -.00010 | -.00072 | .00008  | .00084  | .00069  | .00271 | -.00289 | -.00186 |
| Stddev | .00005  | .00013  | .00034  | .00017  | .00037  | .00062 | .00057  | .00013  |
| %RSD   | 53.133  | 18.512  | 420.13  | 20.327  | 53.629  | 22.662 | 19.687  | 7.2343  |
| #1     | -.00012 | -.00087 | .00027  | .00093  | .00107  | .00340 | -.00330 | -.00199 |
| #2     | -.00004 | -.00065 | -.00031 | .00093  | .00034  | .00255 | -.00224 | -.00186 |
| #3     | -.00014 | -.00063 | .00029  | .00064  | .00065  | .00220 | -.00314 | -.00173 |
| 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    | -.00013 | .00171  | -.00009 | .00010  | .00168  | .00036 | .00041  | -.00038 |
| Stddev | .00039  | .00022  | .00006  | .00020  | .00047  | .00024 | .00013  | .00011  |
| %RSD   | 308.86  | 12.803  | 61.107  | 191.16  | 27.813  | 67.007 | 31.530  | 29.087  |
| #1     | -.00011 | .00159  | -.00015 | -.00013 | .00127  | .00064 | .00056  | -.00043 |
| #2     | -.00053 | .00197  | -.00008 | .00022  | .00219  | .00023 | .00030  | -.00046 |
| #3     | .00026  | .00158  | -.00004 | .00022  | .00158  | .00021 | .00038  | -.00026 |
| 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    | -.00167 | -.00073 | .00387  | -.00041 | -.00049 | .03319 | -.00074 | .00345  |
| Stddev | .00013  | .00021  | .00145  | .00030  | .00096  | .00054 | .00007  | .00026  |
| %RSD   | 7.8289  | 28.782  | 37.439  | 73.529  | 198.10  | 1.6335 | 9.4757  | 7.6803  |
| #1     | -.00160 | -.00049 | .00371  | -.00076 | -.00137 | .03259 | -.00076 | .00343  |
| #2     | -.00159 | -.00080 | .00540  | -.00021 | -.00062 | .03364 | -.00079 | .00372  |
| #3     | -.00183 | -.00089 | .00252  | -.00027 | .00054  | .03335 | -.00066 | .00319  |
| 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    | .00037  | .00025  | .00381  | .00026  | .00014  | .00564 | -.00113 |         |
| Stddev | .00003  | .00006  | .00034  | .00014  | .00080  | .00041 | .00073  |         |
| %RSD   | 7.9235  | 24.121  | 8.9325  | 54.829  | 556.67  | 7.1955 | 64.806  |         |
| #1     | .00039  | .00029  | .00389  | .00015  | .00072  | .00604 | -.00028 |         |
| #2     | .00037  | .00018  | .00410  | .00020  | -.00077 | .00564 | -.00156 |         |
| #3     | .00034  | .00027  | .00343  | .00042  | .00048  | .00523 | -.00154 |         |

Sample Name: S0      Acquired: 09/17/2021 11:25:38      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1677.9 | 28134. | 6174.3 | 856.39 | 2056.5 |
| Stddev    | 1.3    | 72.    | 28.4   | 4.14   | 4.7    |
| %RSD      | .07861 | .25463 | .46040 | .48379 | .22637 |
| #1        | 1677.1 | 28053. | 6158.2 | 851.64 | 2051.9 |
| #2        | 1677.1 | 28160. | 6157.5 | 858.28 | 2056.4 |
| #3        | 1679.4 | 28190. | 6207.1 | 859.25 | 2061.2 |

Sample Name: S1      Acquired: 09/17/2021 11:29:45      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | .00020 | .00007 | .00174 | .00236 | .00653 | .01741 | .55662 | .01171 |
| Stddev | .00022 | .00012 | .00022 | .00019 | .00013 | .00042 | .00433 | .00028 |
| %RSD   | 113.49 | 166.02 | 12.817 | 8.1111 | 1.9625 | 2.3956 | .77802 | 2.4181 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00002 | -.00001 | .00200 | .00224 | .00640 | .01719 | .55216 | .01173 |
| #2 | .00012 | .00002  | .00161 | .00226 | .00665 | .01789 | .55688 | .01199 |
| #3 | .00044 | .00021  | .00160 | .00258 | .00654 | .01714 | .56081 | .01142 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01213 | .30416 | .00131 | .04089 | .00748 | .00289 | .00870 | .04019 |
| Stddev | .00033 | .00194 | .00002 | .00025 | .00063 | .00009 | .00032 | .00056 |
| %RSD   | 2.7521 | .63781 | 1.4867 | .60671 | 8.4521 | 3.1789 | 3.6530 | 1.3834 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01212 | .30192 | .00132 | .04081 | .00811 | .00278 | .00842 | .03979 |
| #2 | .01180 | .30539 | .00131 | .04117 | .00685 | .00295 | .00863 | .03995 |
| #3 | .01247 | .30517 | .00128 | .04069 | .00749 | .00293 | .00904 | .04082 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .01572 | .00322 | .02727 | .00429 | .02222 | .11807 | -.00028 | .03264 |
| Stddev | .00016 | .00008 | .00112 | .00012 | .00091 | .00100 | .00004  | .00047 |
| %RSD   | .98665 | 2.4174 | 4.1115 | 2.7726 | 4.1054 | .84683 | 12.657  | 1.4491 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .01589 | .00323 | .02653 | .00439 | .02136 | .11748 | -.00024 | .03227 |
| #2 | .01564 | .00313 | .02671 | .00432 | .02318 | .11751 | -.00031 | .03317 |
| #3 | .01561 | .00329 | .02856 | .00416 | .02211 | .11922 | -.00029 | .03248 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .00432 | .00248 | .03136 | .00061 | .04741 | .01974 | 1.1207 |  |
| Stddev | .00013 | .00006 | .00054 | .00008 | .00038 | .00054 | .0047  |  |
| %RSD   | 3.0447 | 2.3558 | 1.7273 | 13.522 | .79282 | 2.7212 | .41609 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00422 | .00254 | .03163 | .00064 | .04732 | .02034 | 1.1168 |  |
| #2 | .00428 | .00243 | .03073 | .00067 | .04783 | .01930 | 1.1259 |  |
| #3 | .00447 | .00248 | .03170 | .00052 | .04709 | .01958 | 1.1195 |  |

Sample Name: S1      Acquired: 09/17/2021 11:29:45      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1667.8 | 28468. | 6170.3 | 859.38 | 2078.7 |
| Stddev    | 2.5    | 17.    | 40.2   | 7.17   | 2.6    |
| %RSD      | .14873 | .05868 | .65209 | .83449 | .12358 |
| #1        | 1664.9 | 28455. | 6203.1 | 854.74 | 2076.0 |
| #2        | 1669.2 | 28487. | 6125.4 | 867.64 | 2081.1 |
| #3        | 1669.2 | 28462. | 6182.3 | 855.76 | 2078.8 |

Sample Name: S2      Acquired: 09/17/2021 11:33:53      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | .03793 | .04440 | 1.0769 | .06129 | .12032 | 2.7544 | 6.6433 | .31143 |
| Stddev | .00018 | .00017 | .0036  | .00022 | .00026 | .0051  | .0260  | .00154 |
| %RSD   | .47445 | .39116 | .33499 | .35508 | .21927 | .18415 | .39116 | .49482 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03786 | .04456 | 1.0742 | .06152 | .12002 | 2.7601 | 6.6667 | .31302 |
| #2 | .03779 | .04421 | 1.0756 | .06109 | .12042 | 2.7504 | 6.6153 | .31133 |
| #3 | .03813 | .04442 | 1.0810 | .06124 | .12052 | 2.7526 | 6.6478 | .30994 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.3886 | 3.4171 | .47616 | .47319 | .72736 | .92639 | 1.9453 | .46990 |
| Stddev | .0003  | .0061  | .00063 | .00141 | .00071 | .00484 | .0027  | .00096 |
| %RSD   | .02449 | .17761 | .13279 | .29696 | .09703 | .52275 | .13625 | .20469 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3888 | 3.4210 | .47594 | .47349 | .72712 | .92938 | 1.9425 | .46896 |
| #2 | 1.3887 | 3.4101 | .47566 | .47166 | .72681 | .92899 | 1.9455 | .46986 |
| #3 | 1.3882 | 3.4203 | .47687 | .47442 | .72816 | .92080 | 1.9478 | .47089 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .25835 | .11385 | .17446 | .04887 | 1.3488 | .63142 | .03342 | .32427 |
| Stddev | .00016 | .00036 | .00140 | .00043 | .0115  | .00108 | .00013 | .00117 |
| %RSD   | .06124 | .31937 | .80332 | .88089 | .84937 | .17104 | .39425 | .36148 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25853 | .11399 | .17284 | .04932 | 1.3578 | .63242 | .03354 | .32424 |
| #2 | .25831 | .11412 | .17535 | .04846 | 1.3527 | .63156 | .03346 | .32546 |
| #3 | .25822 | .11344 | .17518 | .04884 | 1.3359 | .63028 | .03328 | .32312 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .46380 | .02696 | .38514 | .06973 | .54964 | 1.1693 | 13.069 |
| Stddev | .00089 | .00017 | .00135 | .00046 | .00199 | .0088  | .034   |
| %RSD   | .19197 | .61653 | .35074 | .66237 | .36136 | .75229 | .26271 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .46287 | .02684 | .38668 | .06998 | .55191 | 1.1768 | 13.108 |
| #2 | .46388 | .02715 | .38417 | .06920 | .54879 | 1.1596 | 13.054 |
| #3 | .46465 | .02688 | .38457 | .07002 | .54823 | 1.1716 | 13.044 |

Sample Name: S2      Acquired: 09/17/2021 11:33:53      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1616.6 | 28227. | 6179.3 | 837.41 | 1986.6 |
| Stddev    | 2.3    | 132.   | 24.5   | 3.82   | 1.5    |
| %RSD      | .14383 | .46655 | .39584 | .45674 | .07698 |
| #1        | 1619.2 | 28345. | 6176.9 | 836.53 | 1985.2 |
| #2        | 1615.9 | 28250. | 6156.1 | 834.10 | 1988.2 |
| #3        | 1614.7 | 28085. | 6204.8 | 841.60 | 1986.4 |



Sample Name: S3      Acquired: 09/17/2021 11:37:47      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | .07573 | .08865 | 2.1524 | .12017 | .23843 | 5.5246 | 13.193 | .61549 |
| Stddev | .00035 | .00017 | .0021  | .00043 | .00053 | .0122  | .024   | .00448 |
| %RSD   | .45725 | .19066 | .09704 | .35899 | .22074 | .22088 | .17833 | .72819 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07600 | .08885 | 2.1524 | .12040 | .23788 | 5.5143 | 13.208 | .61520 |
| #2 | .07534 | .08858 | 2.1545 | .12044 | .23894 | 5.5381 | 13.206 | .62011 |
| #3 | .07585 | .08853 | 2.1503 | .11968 | .23847 | 5.5215 | 13.166 | .61116 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7328 | 6.6963 | .92595 | .94007 | 1.4393 | 1.8497 | 3.7749 | .92884 |
| Stddev | .0041  | .0032  | .00213 | .00147 | .0035  | .0041  | .0069  | .00150 |
| %RSD   | .15160 | .04747 | .22964 | .15616 | .24010 | .22005 | .18414 | .16126 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7280 | 6.6950 | .92781 | .93929 | 1.4356 | 1.8471 | 3.7757 | .92908 |
| #2 | 2.7351 | 6.6939 | .92363 | .93917 | 1.4397 | 1.8544 | 3.7676 | .92723 |
| #3 | 2.7353 | 6.6999 | .92640 | .94177 | 1.4424 | 1.8476 | 3.7814 | .93020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .51227 | .22565 | .34470 | .09761 | 2.7240 | 1.2380 | .06800 | .65133 |
| Stddev | .00068 | .00094 | .00161 | .00066 | .0102  | .0034  | .00070 | .00443 |
| %RSD   | .13369 | .41766 | .46817 | .67403 | .37406 | .27699 | 1.0343 | .68083 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51162 | .22572 | .34313 | .09719 | 2.7357 | 1.2418 | .06869 | .65125 |
| #2 | .51299 | .22467 | .34462 | .09837 | 2.7196 | 1.2372 | .06803 | .65580 |
| #3 | .51220 | .22655 | .34636 | .09727 | 2.7168 | 1.2351 | .06728 | .64693 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .92124 | .05465 | .75766 | .13960 | 1.0901 | 2.3243 | 26.031 |
| Stddev | .00180 | .00031 | .00510 | .00021 | .0021  | .0053  | .084   |
| %RSD   | .19496 | .56647 | .67343 | .15210 | .19589 | .22595 | .32169 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91991 | .05499 | .75729 | .13980 | 1.0889 | 2.3247 | 26.079 |
| #2 | .92053 | .05438 | .76294 | .13938 | 1.0926 | 2.3294 | 26.078 |
| #3 | .92328 | .05457 | .75276 | .13962 | 1.0889 | 2.3189 | 25.934 |

Sample Name: S3      Acquired: 09/17/2021 11:37:47      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1565.3 | 28027. | 6138.9 | 817.63 | 1907.9 |
| Stddev    | 3.6    | 137.   | 17.5   | 6.71   | 1.6    |
| %RSD      | .22784 | .48954 | .28525 | .82082 | .08244 |
| #1        | 1569.4 | 27933. | 6121.6 | 811.60 | 1909.4 |
| #2        | 1562.8 | 28184. | 6138.4 | 824.86 | 1906.3 |
| #3        | 1563.8 | 27963. | 6156.6 | 816.44 | 1907.9 |

Sample Name: S4      Acquired: 09/17/2021 11:41:41      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | .15121 | .17454 | 4.2818 | .23351 | .47592 | 11.173 | 26.389 | 1.2179 |
| Stddev | .00117 | .00077 | .0074  | .00128 | .00188 | .012   | .026   | .0078  |
| %RSD   | .77383 | .44257 | .17266 | .55008 | .39473 | .10674 | .09831 | .63862 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14986 | .17371 | 4.2801 | .23213 | .47379 | 11.172 | 26.419 | 1.2101 |
| #2 | .15183 | .17464 | 4.2899 | .23372 | .47734 | 11.162 | 26.375 | 1.2257 |
| #3 | .15195 | .17525 | 4.2754 | .23467 | .47664 | 11.186 | 26.374 | 1.2181 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.3739 | 13.172 | 1.7968 | 1.8748 | 2.8291 | 3.6507 | 7.3307 | 1.8451 |
| Stddev | .0053  | .013   | .0027  | .0030  | .0043  | .0083  | .0133  | .0038  |
| %RSD   | .09865 | .09747 | .15038 | .16046 | .15105 | .22727 | .18187 | .20553 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3701 | 13.166 | 1.7988 | 1.8744 | 2.8334 | 3.6436 | 7.3385 | 1.8448 |
| #2 | 5.3800 | 13.164 | 1.7980 | 1.8780 | 2.8290 | 3.6485 | 7.3383 | 1.8491 |
| #3 | 5.3717 | 13.187 | 1.7938 | 1.8720 | 2.8248 | 3.6598 | 7.3153 | 1.8415 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0155 | .44931 | .68881 | .19295 | 5.4759 | 2.4691 | .13826 | 1.3143 |
| Stddev | .0018  | .00138 | .00226 | .00120 | .0519  | .0030  | .00028 | .0077  |
| %RSD   | .17395 | .30715 | .32747 | .62300 | .94790 | .12218 | .20315 | .58511 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0144 | .45070 | .68622 | .19267 | 5.4948 | 2.4717 | .13807 | 1.3075 |
| #2 | 1.0176 | .44794 | .68984 | .19191 | 5.4171 | 2.4658 | .13812 | 1.3227 |
| #3 | 1.0146 | .44929 | .69036 | .19426 | 5.5156 | 2.4699 | .13858 | 1.3127 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.8349 | .11212 | 1.4772 | .27898 | 2.1726 | 4.6725 | 51.914 |
| Stddev | .0078  | .00063 | .0123  | .00027 | .0036  | .0077  | .032   |
| %RSD   | .42702 | .56035 | .83050 | .09613 | .16318 | .16583 | .06257 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8260 | .11211 | 1.4637 | .27923 | 2.1732 | 4.6796 | 51.876 |
| #2 | 1.8380 | .11150 | 1.4876 | .27903 | 2.1687 | 4.6642 | 51.937 |
| #3 | 1.8408 | .11276 | 1.4803 | .27870 | 2.1757 | 4.6736 | 51.927 |

Sample Name: S4      Acquired: 09/17/2021 11:41:41      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S04      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1489.6 | 27495. | 6018.3 | 782.57 | 1795.9 |
| Stddev    | 3.5    | 85.    | 9.4    | 4.67   | 2.1    |
| %RSD      | .23406 | .30975 | .15598 | .59627 | .11617 |
| #1        | 1493.6 | 27405. | 6028.7 | 780.45 | 1795.2 |
| #2        | 1488.1 | 27506. | 6010.5 | 787.92 | 1794.3 |
| #3        | 1487.1 | 27575. | 6015.6 | 779.34 | 1798.2 |

Sample Name: S5      Acquired: 09/17/2021 11:45:32      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | .30638 | .33492 | 8.4508 | .45398 | .95942 | 22.325 | 50.919 | 2.3168 |
| Stddev | .00198 | .00037 | .0147  | .00223 | .00294 | .168   | .443   | .0200  |
| %RSD   | .64543 | .10915 | .17421 | .49180 | .30683 | .75331 | .86907 | .86377 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30413 | .33479 | 8.4596 | .45145 | .95621 | 22.493 | 51.256 | 2.3330 |
| #2 | .30785 | .33464 | 8.4338 | .45481 | .96006 | 22.325 | 51.083 | 2.3231 |
| #3 | .30715 | .33533 | 8.4589 | .45567 | .96200 | 22.157 | 50.417 | 2.2944 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 10.464 | 25.800 | 3.4351 | 3.6904 | 5.5719 | 7.0839 | 14.141 | 3.6499 |
| Stddev | .021   | .109   | .0092  | .0101  | .0124  | .0641  | .039   | .0187  |
| %RSD   | .19748 | .42107 | .26705 | .27323 | .22235 | .90437 | .27676 | .51185 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.479 | 25.744 | 3.4266 | 3.7010 | 5.5673 | 7.1345 | 14.123 | 3.6482 |
| #2 | 10.440 | 25.731 | 3.4338 | 3.6810 | 5.5860 | 7.1053 | 14.115 | 3.6321 |
| #3 | 10.472 | 25.925 | 3.4448 | 3.6893 | 5.5626 | 7.0118 | 14.186 | 3.6694 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9835 | .89762 | 1.3588 | .37624 | 11.463 | 4.8803 | .27903 | 2.5321 |
| Stddev | .0037  | .00418 | .0139  | .00343 | .026   | .0346  | .00033 | .0202  |
| %RSD   | .18886 | .46568 | 1.0208 | .91277 | .22653 | .70860 | .11886 | .79868 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9871 | .89556 | 1.3728 | .37864 | 11.446 | 4.9119 | .27938 | 2.5442 |
| #2 | 1.9796 | .89488 | 1.3587 | .37778 | 11.449 | 4.8856 | .27873 | 2.5433 |
| #3 | 1.9839 | .90243 | 1.3450 | .37231 | 11.493 | 4.8433 | .27898 | 2.5087 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.6638 | .22915 | 2.7056 | .55267 | 4.2336 | 9.2920 | 100.09 |
| Stddev | .0081  | .00070 | .0270  | .00091 | .0360  | .0410  | .53    |
| %RSD   | .22246 | .30715 | .99861 | .16519 | .84914 | .44083 | .53084 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.6561 | .22838 | 2.7272 | .55307 | 4.2695 | 9.3372 | 100.33 |
| #2 | 3.6630 | .22976 | 2.7143 | .55163 | 4.2335 | 9.2575 | 99.476 |
| #3 | 3.6724 | .22932 | 2.6753 | .55332 | 4.1976 | 9.2811 | 100.45 |

Sample Name: S5      Acquired: 09/17/2021 11:45:32      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1379.7 | 26760. | 5977.2 | 714.48 | 1668.8 |
| Stddev    | .9     | 79.    | 39.6   | .21    | 4.0    |
| %RSD      | .06302 | .29442 | .66176 | .02911 | .23900 |
| #1        | 1380.6 | 26817. | 5940.3 | 714.49 | 1664.2 |
| #2        | 1378.9 | 26793. | 5972.2 | 714.27 | 1671.5 |
| #3        | 1379.5 | 26670. | 6019.0 | 714.69 | 1670.6 |

Sample Name: S6      Acquired: 09/17/2021 11:49:40      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      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    | 62.361 | 44.100 | 20.145 | 6.2385 | 3.9295 |
| Stddev | .821   | .035   | .135   | .0087  | .0140  |
| %RSD   | 1.3171 | .08004 | .66934 | .13893 | .35559 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 61.603 | 44.118 | 19.993 | 6.2310 | 3.9180 |
| #2 | 63.233 | 44.123 | 20.249 | 6.2480 | 3.9451 |
| #3 | 62.246 | 44.060 | 20.192 | 6.2365 | 3.9254 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 5883.0 |
| Stddev    | 12.7   |
| %RSD      | .21537 |

|    |        |
|----|--------|
| #1 | 5894.5 |
| #2 | 5869.4 |
| #3 | 5884.9 |

Sample Name: ICV001      Acquired: 09/17/2021 12:00:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.020450 | 1.077890 | 1.014108 | 1.090322 | 1.013483 | 2.411245 |
| Stddev | .011435  | .010497  | .003848  | .003772  | .004250  | .002086  |
| %RSD   | 1.120560 | .9738285 | .3794564 | .3459160 | .4193600 | .0865025 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.012106 | 1.066098 | 1.012052 | 1.088696 | 1.012145 | 2.410172 |
| #2 | 1.033484 | 1.081359 | 1.011725 | 1.087636 | 1.018241 | 2.409915 |
| #3 | 1.015760 | 1.086214 | 1.018548 | 1.094634 | 1.010062 | 2.413649 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5286462 | .5572341 | .5327566 | 10.01950 | .5637148 | .5159468 |
| Stddev | .0024551 | .0037939 | .0011804 | .04639   | .0004615 | .0012515 |
| %RSD   | .4644191 | .6808382 | .2215626 | .4630209 | .0818593 | .2425634 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5313855 | .5542253 | .5325431 | 10.01511 | .5637583 | .5152811 |
| #2 | .5266442 | .5614960 | .5316974 | 9.97546  | .5641530 | .5151688 |
| #3 | .5279089 | .5559810 | .5340291 | 10.06793 | .5632332 | .5173904 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5451838 | 10.81847 | .5196142 | 5.498704 | .5327355 | .2423455 |
| Stddev | .0030988 | .04464   | .0001957 | .019275  | .0007372 | .0010934 |
| %RSD   | .5684027 | .4125950 | .0376675 | .3505446 | .1383843 | .4511795 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5459515 | 10.78170 | .5197565 | 5.498632 | .5319204 | .2417115 |
| #2 | .5417733 | 10.80556 | .5196951 | 5.518015 | .5333555 | .2417169 |
| #3 | .5478266 | 10.86813 | .5193910 | 5.479465 | .5329307 | .2436080 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.628804 | .5347894 | .9436642 | 9.451825 | F .0057971 | F .0065256 |
| Stddev | .058316  | .0011881 | .0078494 | .130786  | .0028579   | .0007850   |
| %RSD   | .6056387 | .2221640 | .8318018 | 1.383716 | 49.29847   | 12.02886   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.599317 | .5338580 | .9383549 | 9.315884 | .0028474 | .0073553 |
| #2 | 9.695974 | .5343827 | .9399570 | 9.576762 | .0059905 | .0057948 |
| #3 | 9.591119 | .5361274 | .9526806 | 9.462827 | .0085534 | .0064268 |



Sample Name: ICV001      Acquired: 09/17/2021 12:00:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000556 | F -.005225 | F .0030931 | F .0008919 | F .0000887 | F -.001686 |
| Stddev | .000461    | .005592    | .0021973   | .0015064   | .0004887   | .000755    |
| %RSD   | 82.96291   | 107.0180   | 71.04024   | 168.8851   | 551.2295   | 44.77895   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000229 | -.010022 | .0022871 | .0025755 | .0000045 | -.000976 |
| #2 | -.000356 | -.006571 | .0055796 | .0004290 | .0006139 | -.001604 |
| #3 | -.001084 | .000917  | .0014125 | -.000329 | -.000352 | -.002479 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.009536 |
| Stddev | .000128    |
| %RSD   | 1.347281   |

|    |          |
|----|----------|
| #1 | -.009523 |
| #2 | -.009414 |
| #3 | -.009670 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1618.707 | 29066.26 | 6231.729 | 871.4262 | 2062.036 |
| Stddev    | 2.391    | 79.00    | 25.476   | 3.6401   | 3.426    |
| %RSD      | .1477359 | .2717783 | .4088054 | .4177177 | .1661238 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1617.175 | 29103.58 | 6255.521 | 868.8808 | 2065.422 |
| #2 | 1617.483 | 29119.68 | 6204.851 | 875.5956 | 2062.113 |
| #3 | 1621.462 | 28975.52 | 6234.815 | 869.8021 | 2058.572 |

Sample Name: ICB001      Acquired: 09/17/2021 12:04:15      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004497 | -.001111 | -.000407 | .0009158 | -.000038 | -.005080 | -.003404 |
| Stddev | .001344  | .004201  | .001247  | .0018867 | .000055  | .010883  | .000804  |
| %RSD   | 29.88081 | 377.9818 | 306.0390 | 206.0074 | 144.8047 | 214.2112 | 23.62697 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005990 | -.001968 | .000822  | -.001213 | -.000102 | .007466  | -.002742 |
| #2 | -.003385 | .003452  | -.000373 | .001580  | -.000001 | -.011967 | -.003171 |
| #3 | -.004117 | -.004818 | -.001671 | .002381  | -.000011 | -.010740 | -.004300 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000101 | .0001854 | .0065477 | -.000051 | -.000144 | .0027122 | -.010991 |
| Stddev | .000125  | .0000589 | .0077864 | .000484  | .000769  | .0015173 | .008324  |
| %RSD   | 123.3585 | 31.78112 | 118.9176 | 945.6986 | 535.3352 | 55.94234 | 75.73606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000147 | .0001330 | .0106937 | -.000577 | .000637  | .0043689 | -.010957 |
| #2 | -.000197 | .0002492 | -.002434 | .000377  | -.000168 | .0023773 | -.019333 |
| #3 | .000040  | .0001741 | .011384  | .000046  | -.000900 | .0013904 | -.002684 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000369 | .0342607 | -.000303 | .0004762 | -.244489 | .0034983 | .0012916 |
| Stddev | .000202  | .0125280 | .000463  | .0002481 | .201760  | .0021456 | .0018754 |
| %RSD   | 54.81738 | 36.56657 | 152.7900 | 52.09457 | 82.52326 | 61.33163 | 145.1946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000363 | .0436245 | -.000747 | .0007591 | -.093484 | .0057638 | .0019500 |
| #2 | -.000573 | .0200295 | -.000340 | .0003737 | -.166351 | .0032342 | .0027490 |
| #3 | -.000169 | .0391281 | .000177  | .0002958 | -.473631 | .0014970 | -.000824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.287715 | .0022393 | .0033946 | .0002977 | -.000944 | -.002812 | .0001990 |
| Stddev | .091932  | .0037709 | .0001645 | .0003186 | .010864  | .000516  | .0032866 |
| %RSD   | 31.95254 | 168.3980 | 4.846090 | 107.0367 | 1150.616 | 18.36445 | 1651.675 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.266478 | .0003944 | .0035689 | .0001379 | .010168  | -.002834 | -.003462 |
| #2 | -.388408 | -.000254 | .0033726 | .0000906 | -.011542 | -.003316 | .001165  |
| #3 | -.208260 | .006577  | .0032421 | .0006645 | -.001459 | -.002284 | .002894  |

Sample Name: ICB001      Acquired: 09/17/2021 12:04:15      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICB001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000046 | -.001797 | -.000108 |
| Stddev | .001546  | .002412  | .000027  |
| %RSD   | 3324.928 | 134.2243 | 25.24389 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001643 | .000802  | -.000077 |
| #2 | .001443  | -.003963 | -.000115 |
| #3 | .000061  | -.002231 | -.000130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1612.662 | 28939.95 | 6156.208 | 871.9915 | 2041.384 |
| Stddev    | 2.092    | 36.87    | 14.794   | 2.8525   | 1.406    |
| %RSD      | .1297151 | .1273973 | .2403117 | .3271245 | .0688582 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1610.891 | 28939.41 | 6173.157 | 874.8726 | 2039.833 |
| #2 | 1614.970 | 28977.08 | 6149.582 | 871.9333 | 2041.745 |
| #3 | 1612.126 | 28903.35 | 6145.885 | 869.1685 | 2042.574 |

Sample Name: ICSA001      Acquired: 09/17/2021 12:08:24      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013737 | -.006683 | -.001710 | .0266178 | -.001573 | 242.7326 | .0027149 |
| Stddev | .0073375 | .003992  | .002373  | .0122532 | .004238  | .0545    | .0008406 |
| %RSD   | 534.1388 | 59.72819 | 138.8006 | 46.03365 | 269.4479 | .0224635 | 30.96415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0092939 | -.002731 | -.000130 | .0389063 | .000971  | 242.7924 | .0035997 |
| #2 | .0000197 | -.006607 | -.004439 | .0265470 | .000776  | 242.7199 | .0019268 |
| #3 | -.005193 | -.010713 | -.000561 | .0144003 | -.006465 | 242.6856 | .0026182 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011061 | -.000741 | 242.9562 | .0581642 | -.000189 | .0084566 | 103.5137 |
| Stddev | .0002076 | .000107  | .2837    | .0002056 | .000401  | .0012187 | .1388    |
| %RSD   | 18.76554 | 14.42396 | .1167519 | .3535495 | 212.4462 | 14.41119 | .1340721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008829 | -.000748 | 242.6576 | .0582976 | .000238  | .0088855 | 103.6023 |
| #2 | .0011422 | -.000631 | 242.9890 | .0579274 | -.000559 | .0094029 | 103.5850 |
| #3 | .0012933 | -.000844 | 243.2221 | .0582676 | -.000245 | .0070814 | 103.3538 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108984 | 235.3568 | .0005441 | .0052093 | -.123200 | .0021268 | .0160775 |
| Stddev | .0003293 | .8224    | .0010727 | .0000911 | .109589  | .0028474 | .0029717 |
| %RSD   | 3.021504 | .3494336 | 197.1337 | 1.748931 | 88.95259 | 133.8829 | 18.48361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0107987 | 234.4113 | -.000358 | .0051585 | -.030866 | .0032070 | .0190128 |
| #2 | .0106304 | 235.7532 | .001730  | .0051549 | -.244304 | -.001103 | .0161489 |
| #3 | .0112660 | 235.9059 | .000260  | .0053145 | -.094428 | .004276  | .0130707 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.540670 | .0023429 | -.009455 | .0005994 | .0090147 | -.000201 | .0027287 |
| Stddev | .081756  | .0094100 | .001929  | .0018022 | .0051712 | .000527  | .0012988 |
| %RSD   | 15.12120 | 401.6452 | 20.40128 | 300.6921 | 57.36385 | 261.9305 | 47.59487 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.629907 | .0058118 | -.007943 | .0026692 | .0037985 | -.000487 | .0042282 |
| #2 | -.522728 | -.008309 | -.008795 | -.000249 | .0141396 | -.000524 | .0020000 |
| #3 | -.469375 | .009526  | -.011628 | -.000622 | .0091059 | .000407  | .0019580 |

Sample Name: ICSA001      Acquired: 09/17/2021 12:08:24      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001627 | .0018209 | .0055568 |
| Stddev | .000639  | .0006346 | .0003196 |
| %RSD   | 39.29407 | 34.84958 | 5.751029 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002315 | .0011154 | .0052880 |
| #2 | -.001512 | .0020023 | .0054723 |
| #3 | -.001052 | .0023451 | .0059102 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1521.041 | 27828.08 | 6095.593 | 824.6977 | 1856.904 |
| Stddev    | 3.430    | 70.79    | 17.209   | 3.1182   | .596     |
| %RSD      | .2255356 | .2543937 | .2823143 | .3780961 | .0320949 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1522.660 | 27867.24 | 6105.092 | 826.7082 | 1856.262 |
| #2 | 1523.362 | 27746.36 | 6075.728 | 821.1057 | 1857.012 |
| #3 | 1517.100 | 27870.64 | 6105.958 | 826.2792 | 1857.439 |

Sample Name: ICSAB001      Acquired: 09/17/2021 12:12:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1025126 | .1003119 | .0499663 | .0725861 | .6002504 | 237.7753 |
| Stddev | .0118995 | .0044886 | .0025205 | .0046368 | .0008476 | .9122    |
| %RSD   | 11.60789 | 4.474590 | 5.044290 | 6.387923 | .1412012 | .3836564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0939124 | .0951492 | .0528326 | .0778365 | .5994143 | 236.7385 |
| #2 | .0975322 | .1024969 | .0480961 | .0708690 | .6002279 | 238.1324 |
| #3 | .1160931 | .1032896 | .0489704 | .0690529 | .6011090 | 238.4550 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5154581 | .5371895 | 1.014064 | 238.1734 | .5825092 | .5041713 |
| Stddev | .0023147 | .0012945 | .002884  | .4846    | .0023674 | .0003504 |
| %RSD   | .4490580 | .2409846 | .2844471 | .2034692 | .4064121 | .0694916 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5128850 | .5375645 | 1.011109 | 237.6433 | .5804129 | .5041717 |
| #2 | .5173709 | .5382551 | 1.016873 | 238.5937 | .5820380 | .5045214 |
| #3 | .5161184 | .5357488 | 1.014211 | 238.2832 | .5850768 | .5038207 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5207919 | 101.4688 | .5010971 | 230.5619 | 1.018090 | .2042295 |
| Stddev | .0032680 | .4330    | .0018671 | .2026    | .001921  | .0004741 |
| %RSD   | .6275005 | .4267772 | .3725996 | .0878734 | .1887286 | .2321416 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5239688 | 101.0488 | .4991211 | 230.3499 | 1.016785 | .2036922 |
| #2 | .5174399 | 101.9138 | .5013383 | 230.7536 | 1.020296 | .2044071 |
| #3 | .5209672 | 101.4439 | .5028319 | 230.5822 | 1.017188 | .2045892 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .1685986 | .5172611 | .9582006 | -.663380 | .0075765 | F .8658583 |
| Stddev | .2087233 | .0083143 | .0020423 | .045869  | .0037430 | .0049139   |
| %RSD   | 123.7989 | 1.607367 | .2131386 | 6.914385 | 49.40345 | .5675198   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.072156 | .5112417 | .9576483 | -.715662 | .0100428 | .8713232 |
| #2 | .298638  | .5267479 | .9564913 | -.629899 | .0094172 | .8618037 |
| #3 | .279314  | .5137938 | .9604623 | -.644579 | .0032695 | .8644480 |

Sample Name: ICSAB001      Acquired: 09/17/2021 12:12:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |            |            |          |
|--------|------------|----------|------------|------------|------------|----------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361     | Li6707   |
| Units  | ppm        | ppm      | ppm        | ppm        | ppm        | ppm      |
| Avg    | F .8389924 | -.000680 | F .7874636 | F .8457311 | F .8686008 | .0015924 |
| Stddev | .0014482   | .006212  | .0027659   | .0058820   | .0018617   | .0004008 |
| %RSD   | .1726112   | 913.8828 | .3512429   | .6954945   | .2143388   | 25.17004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8373244 | .004970  | .7884996 | .8450766 | .8674745 | .0012207 |
| #2 | .8399287 | .000322  | .7843292 | .8402036 | .8675781 | .0020171 |
| #3 | .8397242 | -.007331 | .7895619 | .8519129 | .8707497 | .0015395 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0057414 |
| Stddev | .0001940 |
| %RSD   | 3.379150 |

|    |          |
|----|----------|
| #1 | .0058072 |
| #2 | .0055230 |
| #3 | .0058939 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1521.858 | 28094.14 | 6160.675 | 829.4360 | 1859.408 |
| Stddev    | 6.187    | 66.22    | 31.480   | 2.0153   | 3.989    |
| %RSD      | .4065515 | .2356906 | .5109830 | .2429707 | .2145057 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1524.807 | 28027.96 | 6149.486 | 828.1625 | 1863.851 |
| #2 | 1526.019 | 28160.39 | 6136.318 | 831.7595 | 1858.235 |
| #3 | 1514.748 | 28094.09 | 6196.221 | 828.3861 | 1856.137 |

Sample Name: CCV083      Acquired: 09/17/2021 12:16:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.071942 | 5.056344 | 25.52081 | 5.100652 | 5.171231 | 409.9786 | 10.48381 |
| Stddev | .020397  | .008318  | .02719   | .012225  | .018667  | .5329    | .01535   |
| %RSD   | .4021568 | .1644978 | .1065252 | .2396682 | .3609732 | .1299733 | .1464052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.092030 | 5.060885 | 25.53560 | 5.086906 | 5.185251 | 409.5447 | 10.48719 |
| #2 | 5.072545 | 5.046744 | 25.48943 | 5.104746 | 5.150043 | 409.8178 | 10.49718 |
| #3 | 5.051249 | 5.061402 | 25.53739 | 5.110304 | 5.178401 | 410.5734 | 10.46705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5215298 | 2.544192 | 405.3427 | 15.58903 | 2.571633 | 15.50059 | 426.7355 |
| Stddev | .0048820 | .001782  | .9948    | .01912   | .004204  | .02762   | 2.3376   |
| %RSD   | .9361017 | .0700551 | .2454259 | .1226278 | .1634642 | .1782132 | .5477765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5200762 | 2.546191 | 405.6556 | 15.60893 | 2.575919 | 15.52785 | 425.4597 |
| #2 | .5269735 | 2.542768 | 406.1434 | 15.58735 | 2.567517 | 15.50129 | 425.3134 |
| #3 | .5175395 | 2.543619 | 404.2290 | 15.57081 | 2.571462 | 15.47262 | 429.4333 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.95828 | 399.8704 | 2.559449 | 1.294681 | 418.7578 | 2.588267 | 15.55867 |
| Stddev | .04048   | 1.6743   | .006236  | .005937  | .7909    | .016802  | .09580   |
| %RSD   | .2706424 | .4187215 | .2436374 | .4585699 | .1888771 | .6491763 | .6157292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.95721 | 399.8014 | 2.565063 | 1.300730 | 418.0805 | 2.585815 | 15.62095 |
| #2 | 14.99928 | 401.5782 | 2.552738 | 1.288862 | 418.5660 | 2.572825 | 15.44835 |
| #3 | 14.91834 | 398.2317 | 2.560548 | 1.294451 | 419.6271 | 2.606160 | 15.60670 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.7097 | 5.159215 | 5.184247 | 5.111845 | 5.277103 | 5.123552 | 5.142083 |
| Stddev | .0852    | .031123  | .036436  | .011852  | .025746  | .032224  | .004994  |
| %RSD   | .0533356 | .6032592 | .7028304 | .2318612 | .4878896 | .6289459 | .0971126 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 159.6346 | 5.195153 | 5.164324 | 5.118019 | 5.306136 | 5.109395 | 5.143145 |
| #2 | 159.8023 | 5.141374 | 5.226301 | 5.098180 | 5.257045 | 5.160432 | 5.136644 |
| #3 | 159.6922 | 5.141117 | 5.162116 | 5.119336 | 5.268130 | 5.100831 | 5.146460 |



Sample Name: CCV083      Acquired: 09/17/2021 12:16:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV083      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.236904 | 5.285720 | 5.079410 |
| Stddev | .011646  | .004190  | .006774  |
| %RSD   | .2223741 | .0792795 | .1333618 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.239887 | 5.287390 | 5.076389 |
| #2 | 5.224058 | 5.280952 | 5.087169 |
| #3 | 5.246769 | 5.288818 | 5.074673 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1407.534 | 27031.51 | 6009.425 | 752.6054 | 1680.785 |
| Stddev    | 1.024    | 122.33   | 23.611   | 4.8005   | 1.905    |
| %RSD      | .0727611 | .4525350 | .3928976 | .6378527 | .1133597 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1406.353 | 26894.14 | 5985.556 | 747.0628 | 1678.596 |
| #2 | 1408.164 | 27128.69 | 6009.951 | 755.4457 | 1681.679 |
| #3 | 1408.086 | 27071.69 | 6032.769 | 755.3078 | 1682.078 |

Sample Name: CCB083      Acquired: 09/17/2021 12:20:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002530 | .0004446 | .0003081 | -.001068 | .0007077 | -.001666 |
| Stddev | .002025  | .0024518 | .0002776 | .000809  | .0005041 | .006230  |
| %RSD   | 80.05403 | 551.4289 | 90.09683 | 75.69708 | 71.22560 | 373.9139 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003817 | -.002384 | .0000281 | -.000138 | .0002336 | -.002437 |
| #2 | -.000195 | .001954  | .0003129 | -.001600 | .0012372 | -.007475 |
| #3 | -.003576 | .001765  | .0005832 | -.001468 | .0006523 | .004914  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004387 | -.000044 | .0001577 | .0006798 | .0003842 | -.000316 |
| Stddev | .000527  | .000045  | .0000878 | .0066804 | .0010231 | .000119  |
| %RSD   | 12.01118 | 103.0426 | 55.64000 | 982.7444 | 266.2972 | 37.53220 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003929 | .000007  | .0000800 | .0083920 | .0014188 | -.000430 |
| #2 | -.004270 | -.000079 | .0002529 | -.003036 | -.000627 | -.000193 |
| #3 | -.004963 | -.000058 | .0001403 | -.003317 | .000361  | -.000324 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032753 | -.000894 | .0000735 | .0073876 | -.000170 | .0004005 |
| Stddev | .0019808 | .016189  | .0005372 | .0199408 | .000883  | .0006256 |
| %RSD   | 60.47771 | 1811.381 | 731.2755 | 269.9237 | 519.3368 | 156.2168 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011966 | .007884  | .0003133 | -.011551 | .000816  | -.000312 |
| #2 | .0051411 | -.019576 | -.000542 | .028199  | -.000439 | .000656  |
| #3 | .0034882 | .009010  | .000449  | .005515  | -.000887 | .000858  |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.232853 | .0035894 | .0022185 | -.177090 | .0013484 | F .0112059 |
| Stddev | .179150  | .0002860 | .0017112 | .032814  | .0024498 | .0013575   |
| %RSD   | 76.93672 | 7.968332 | 77.13143 | 18.52934 | 181.6852 | 12.11439   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.125370 | .0037978 | .0040678 | -.208233 | .0029919 | .0127632 |
| #2 | -.439664 | .0037072 | .0006913 | -.142828 | -.001467 | .0105825 |
| #3 | -.133526 | .0032633 | .0018965 | -.180209 | .002521  | .0102721 |

Sample Name: CCB083      Acquired: 09/17/2021 12:20:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB083      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006625 | -.008529 | -.001583 | -.000414 | .0001976 | -.001569 |
| Stddev | .0009816 | .002817  | .000792  | .001331  | .0006840 | .001082  |
| %RSD   | 148.1579 | 33.02904 | 50.05993 | 321.5873 | 346.1727 | 69.00997 |
|        |          |          |          |          |          |          |
| #1     | .0005106 | -.010671 | -.002457 | -.000370 | .0007846 | -.000934 |
| #2     | .0017111 | -.009578 | -.001382 | -.001767 | -.000553 | -.000953 |
| #3     | -.000234 | -.005338 | -.000910 | .000895  | .000362  | -.002818 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000715 |
| Stddev | .0000563 |
| %RSD   | 78.69121 |
|        |          |
| #1     | .0001284 |
| #2     | .0000705 |
| #3     | .0000158 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1610.916 | 29132.49 | 6238.330 | 869.1898 | 2050.789 |
| Stddev    | .776     | 70.94    | 16.120   | 4.2872   | 2.272    |
| %RSD      | .0481454 | .2435163 | .2584053 | .4932460 | .1107753 |
|           |          |          |          |          |          |
| #1        | 1610.053 | 29055.79 | 6227.555 | 870.9523 | 2048.214 |
| #2        | 1611.139 | 29195.75 | 6256.863 | 872.3149 | 2051.646 |
| #3        | 1611.556 | 29145.91 | 6230.573 | 864.3023 | 2052.508 |

Sample Name: PB139128BL      Acquired: 09/17/2021 12:46:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW128      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001806 | -.001802 | -.002105 | -.002159 | -.002541 | -.005128 | -.004906 |
| Stddev | .007728  | .005763  | .001255  | .004471  | .002552  | .007061  | .001881  |
| %RSD   | 428.0074 | 319.8302 | 59.59480 | 207.1141 | 100.4041 | 137.7132 | 38.33961 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002156  | .001096  | -.000695 | -.001761 | -.000324 | -.007022 | -.004210 |
| #2 | -.010711 | -.008438 | -.002523 | -.006816 | -.005330 | -.011049 | -.007036 |
| #3 | .003138  | .001937  | -.003097 | .002100  | -.001970 | .002688  | -.003472 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000226 | .0000853 | .0078000 | .0001572 | .0003712 | .0040241 | .0064015 |
| Stddev | .0001724 | .0000178 | .0152577 | .0001233 | .0001977 | .0017442 | .0014115 |
| %RSD   | 762.0346 | 20.90832 | 195.6118 | 78.43615 | 53.26048 | 43.34283 | 22.04919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000387 | .0000670 | .0224529 | .0002469 | .0004140 | .0021143 | .0078293 |
| #2 | -.000157 | .0000862 | -.007998 | .0002080 | .0001556 | .0055327 | .0063681 |
| #3 | .000186  | .0001027 | .008945  | .0000166 | .0005439 | .0044254 | .0050070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001661 | .0285102 | -.000547 | .0003300 | -.211881 | .0002687 | -.001212 |
| Stddev | .0003772 | .0100776 | .000378  | .0003117 | .171304  | .0009928 | .003269  |
| %RSD   | 227.1370 | 35.34728 | 69.09781 | 94.45172 | 80.84940 | 369.5387 | 269.6400 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002281 | .0401023 | -.000117 | .0000907 | -.335048 | -.000777 | -.004101 |
| #2 | .0005084 | .0235942 | -.000696 | .0002168 | -.016254 | .001199  | -.001872 |
| #3 | -.000238 | .0218340 | -.000827 | .0006825 | -.284340 | .000384  | .002336  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.351365 | .0007003 | -.004429 | -.000018 | -.004503 | -.004141 | -.001018 |
| Stddev | .012805  | .0040406 | .000763  | .000603  | .007846  | .001152  | .000151  |
| %RSD   | 3.644247 | 577.0182 | 17.23317 | 3415.365 | 174.2363 | 27.81971 | 14.82354 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.357489 | .0051148 | -.003560 | .000675  | -.004044 | -.003942 | -.001122 |
| #2 | -.336648 | -.000199 | -.004990 | -.000426 | .003103  | -.005380 | -.001087 |
| #3 | -.359958 | -.002815 | -.004738 | -.000302 | -.012569 | -.003102 | -.000845 |

Sample Name: PB139128BL      Acquired: 09/17/2021 12:46:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW128      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000368 | -.001734 | .0000506 |
| Stddev | .001142  | .000534  | .0000159 |
| %RSD   | 310.6241 | 30.81913 | 31.44215 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000972 | -.002076 | .0000651 |
| #2 | -.001080 | -.002008 | .0000336 |
| #3 | .000949  | -.001118 | .0000532 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1585.208 | 28934.36 | 6237.366 | 858.7667 | 2035.907 |
| Stddev    | 6.654    | 26.97    | 31.913   | 1.1106   | 5.672    |
| %RSD      | .4197840 | .0932028 | .5116403 | .1293266 | .2785774 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1584.463 | 28942.55 | 6201.726 | 857.4992 | 2034.865 |
| #2 | 1592.204 | 28904.24 | 6247.078 | 859.5693 | 2042.028 |
| #3 | 1578.958 | 28956.27 | 6263.295 | 859.2317 | 2030.829 |

Sample Name: PB139128BS      Acquired: 09/17/2021 12:50:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS128      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215342 | .0478565 | .0189452 | .0750067 | .1231189 | .3781634 |
| Stddev | .0031740 | .0020935 | .0019030 | .0012976 | .0007195 | .0075937 |
| %RSD   | 14.73927 | 4.374557 | 10.04487 | 1.730016 | .5843997 | 2.008060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0222121 | .0500470 | .0196482 | .0759687 | .1234438 | .3869253 |
| #2 | .0180760 | .0476467 | .0203967 | .0735309 | .1222943 | .3740773 |
| #3 | .0243145 | .0458758 | .0167907 | .0755206 | .1236187 | .3734876 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3811991 | .0105526 | .0100858 | 9.702501 | .0218062 | .0956871 |
| Stddev | .0019063 | .0001455 | .0000975 | .013332  | .0003744 | .0001552 |
| %RSD   | .5000792 | 1.378319 | .9666039 | .1374037 | 1.716763 | .1622165 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3796941 | .0107189 | .0101911 | 9.689956 | .0220368 | .0957234 |
| #2 | .3805606 | .0104900 | .0099986 | 9.716500 | .0213743 | .0958210 |
| #3 | .3833427 | .0104490 | .0100678 | 9.701048 | .0220077 | .0955170 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0536094 | .2074085 | .0298245 | 8.996564 | .0785531 | .0194176 |
| Stddev | .0003452 | .0063955 | .0003076 | .096738  | .0004413 | .0001917 |
| %RSD   | .6439649 | 3.083530 | 1.031415 | 1.075273 | .5617616 | .9872709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0539957 | .2133361 | .0299163 | 8.956633 | .0788297 | .0192103 |
| #2 | .0533311 | .2006302 | .0294814 | 8.926185 | .0787854 | .0195884 |
| #3 | .0535014 | .2082592 | .0300758 | 9.106876 | .0780442 | .0194542 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.348682 | .1059789 | .1173652 | 9.628807 | .0236473 | F .1949031 |
| Stddev | .136879  | .0018786 | .0000775 | .030531  | .0041616 | .0010472   |
| %RSD   | 1.464157 | 1.772604 | .0660709 | .3170828 | 17.59857 | .5372902   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.461632 | .1039672 | .1174168 | 9.638425 | .0277441 | .1960775 |
| #2 | 9.196459 | .1062819 | .1174028 | 9.594625 | .0194238 | .1940667 |
| #3 | 9.387954 | .1076875 | .1172760 | 9.653372 | .0237738 | .1945650 |

Sample Name: PB139128BS      Acquired: 09/17/2021 12:50:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS128      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200405 | .1784053 | .1795475 | .0117203 | .2087404 | .0272934 |
| Stddev | .0009083 | .0099898 | .0036927 | .0026694 | .0009753 | .0015041 |
| %RSD   | 4.532441 | 5.599486 | 2.056670 | 22.77578 | .4672349 | 5.510805 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0190362 | .1897980 | .1835018 | .0107836 | .2093078 | .0259087 |
| #2 | .0208046 | .1711434 | .1789518 | .0147318 | .2092993 | .0270778 |
| #3 | .0202806 | .1742746 | .1761889 | .0096455 | .2076143 | .0288936 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2152911 |
| Stddev | .0002942 |
| %RSD   | .1366680 |

|    |          |
|----|----------|
| #1 | .2153560 |
| #2 | .2149698 |
| #3 | .2155475 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1590.823 | 29180.41 | 6309.143 | 865.2988 | 2060.345 |
| Stddev    | 4.272    | 50.38    | 48.121   | 1.2546   | 4.333    |
| %RSD      | .2685315 | .1726334 | .7627219 | .1449855 | .2103213 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1586.158 | 29144.18 | 6258.888 | 866.7472 | 2055.343 |
| #2 | 1591.768 | 29237.93 | 6354.800 | 864.5505 | 2062.718 |
| #3 | 1594.543 | 29159.11 | 6313.742 | 864.5987 | 2062.973 |

Sample Name: M3713-13      Acquired: 09/17/2021 12:54:25      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF16      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003031 | .0021293 | .0001365 | -.007330 | -.004647 | .0162113 | -.001709 |
| Stddev | .009157  | .0033411 | .0015836 | .002685  | .001389  | .0076047 | .001014  |
| %RSD   | 302.1239 | 156.9116 | 1159.931 | 36.62700 | 29.89847 | 46.90981 | 59.34756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.013274 | -.000487 | .0004896 | -.005681 | -.005214 | .0236825 | -.002127 |
| #2 | -.000181 | .005893  | -.001594 | -.005881 | -.003064 | .0084798 | -.000553 |
| #3 | .004362  | .000983  | .001514  | -.010428 | -.005663 | .0164716 | -.002448 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000089 | .0002173 | .1735959 | .0001550 | -.000003 | .0027482 | .0264941 |
| Stddev | .0001169 | .0001419 | .0072521 | .0004604 | .000092  | .0027665 | .0038712 |
| %RSD   | 1314.858 | 65.29823 | 4.177603 | 297.0797 | 3314.330 | 100.6641 | 14.61155 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000042 | .0002861 | .1818410 | .0006339 | -.000106 | .0003424 | .0297672 |
| #2 | .0001280 | .0003117 | .1682056 | .0001151 | .000071  | .0057712 | .0222210 |
| #3 | -.000106 | .0000541 | .1707412 | -.000284 | .000027  | .0021312 | .0274941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027948 | .0584779 | .0003932 | .0001341 | -.362626 | .0008393 | .0016096 |
| Stddev | .0004870 | .0293851 | .0007538 | .0001277 | .221737  | .0011095 | .0023810 |
| %RSD   | 17.42506 | 50.24999 | 191.7009 | 95.29562 | 61.14748 | 132.1887 | 147.9233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031456 | .0787335 | .0007132 | .0000701 | -.428751 | .0019192 | .0016557 |
| #2 | .0022388 | .0247753 | .0009342 | .0002811 | -.115349 | .0008961 | .0039671 |
| #3 | .0030001 | .0719248 | -.000468 | .0000509 | -.543778 | -.000297 | -.000794 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.89897 | .0094194 | -.006049 | -.000665 | .0143359 | .0470534 | -.001789 |
| Stddev | .11393   | .0004809 | .000238  | .000446  | .0032226 | .0029571 | .001748  |
| %RSD   | 5.999828 | 5.105846 | 3.934073 | 67.04751 | 22.47939 | 6.284461 | 97.69929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.86566 | .0089740 | -.005808 | -.000375 | .0106493 | .0493816 | .000090  |
| #2 | -2.02584 | .0093549 | -.006284 | -.001179 | .0157410 | .0480525 | -.003368 |
| #3 | -1.80540 | .0099294 | -.006054 | -.000441 | .0166174 | .0437263 | -.002089 |



Sample Name: M3713-13      Acquired: 09/17/2021 12:54:25      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF16      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0003297 | -.004288 | .0012649 |
| Stddev | .0006373 | .001311  | .0000354 |
| %RSD   | 193.2908 | 30.56981 | 2.796032 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007935 | -.005297 | .0012284 |
| #2 | -.000397 | -.004760 | .0012674 |
| #3 | .000593  | -.002807 | .0012990 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1639.227 | 29663.99 | 6272.853 | 896.8376 | 2081.231 |
| Stddev    | 4.487    | 117.90   | 10.803   | 6.0397   | 3.524    |
| %RSD      | .2737275 | .3974554 | .1722125 | .6734412 | .1693391 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1644.397 | 29792.64 | 6281.191 | 903.8057 | 2082.162 |
| #2 | 1636.936 | 29638.23 | 6276.718 | 893.6016 | 2084.197 |
| #3 | 1636.347 | 29561.10 | 6260.649 | 893.1054 | 2077.335 |

Sample Name: PB138973BL      Acquired: 09/17/2021 12:58:37      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW973      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009098 | -.001848 | .0007253 | -.002838 | -.002809 | -.004029 | -.005513 |
| Stddev | .0031568 | .001811  | .0020139 | .002703  | .000311  | .007251  | .001116  |
| %RSD   | 346.9654 | 98.01579 | 277.6561 | 95.22716 | 11.08103 | 179.9824 | 20.24279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001735 | -.000039 | .0020700 | -.002165 | -.002967 | -.011636 | -.004343 |
| #2 | .004404  | -.001844 | .0016960 | -.005814 | -.003011 | -.003253 | -.005630 |
| #3 | .000060  | -.003661 | -.001590 | -.000536 | -.002451 | .002803  | -.006566 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | .0001151 | -.003536 | .0003927 | .0003200 | .0017512 | -.006623 |
| Stddev | .000046  | .0000507 | .017168  | .0003142 | .0003472 | .0019277 | .012683  |
| %RSD   | 94.32936 | 44.03869 | 485.5066 | 80.00052 | 108.4902 | 110.0817 | 191.5003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000004  | .0001540 | -.011601 | .0007290 | .0001182 | .0020233 | .007798  |
| #2 | -.000079 | .0000578 | -.015186 | .0001066 | .0001210 | -.000298 | -.016043 |
| #3 | -.000072 | .0001335 | .016179  | .0003427 | .0007210 | .003528  | -.011623 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000172 | .0395356 | -.000058 | .0001329 | -.264706 | .0002083 | .0033467 |
| Stddev | .000241  | .0071905 | .000339  | .0001049 | .308615  | .0052340 | .0019488 |
| %RSD   | 140.2682 | 18.18744 | 589.2449 | 78.92457 | 116.5877 | 2512.605 | 58.23069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000333 | .0478365 | -.000040 | .0002508 | -.620597 | .0047638 | .0018084 |
| #2 | -.000289 | .0352293 | -.000406 | .0000500 | -.070970 | -.005509 | .0055382 |
| #3 | .000105  | .0355409 | .000273  | .0000979 | -.102552 | .001370  | .0026935 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.296338 | .0032999 | -.006351 | .0001329 | -.000946 | -.004728 | -.000845 |
| Stddev | .018795  | .0064317 | .000736  | .0006575 | .002981  | .000199  | .003369  |
| %RSD   | 6.342383 | 194.9040 | 11.59329 | 494.8369 | 314.9773 | 4.208622 | 398.5657 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.275808 | .0061444 | -.006493 | -.000544 | -.003605 | -.004601 | .002445  |
| #2 | -.312698 | -.004064 | -.007006 | .000173  | -.001509 | -.004957 | -.004288 |
| #3 | -.300507 | .007819  | -.005554 | .000769  | .002276  | -.004625 | -.000692 |

Sample Name: PB138973BL      Acquired: 09/17/2021 12:58:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW973      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000542 | -.003177 | -.000074 |
| Stddev | .001166  | .000702  | .000070  |
| %RSD   | 215.3250 | 22.07887 | 93.66888 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000795  | -.002531 | -.000150 |
| #2 | -.001350 | -.003077 | -.000059 |
| #3 | -.001070 | -.003924 | -.000013 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1553.676 | 28666.96 | 6190.243 | 850.2118 | 1994.012 |
| Stddev    | 11.544   | 99.85    | 23.167   | 3.7508   | 18.704   |
| %RSD      | .7430053 | .3483061 | .3742518 | .4411584 | .9379932 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1540.427 | 28641.25 | 6209.371 | 849.1043 | 1972.458 |
| #2 | 1559.039 | 28777.15 | 6164.483 | 854.3917 | 2005.971 |
| #3 | 1561.564 | 28582.48 | 6196.876 | 847.1395 | 2003.608 |

Sample Name: PB138973BS      Acquired: 09/17/2021 13:02:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS973      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0168457 | .0463994 | .0194854 | .0704033 | .1204298 | .3739968 |
| Stddev | .0019550 | .0022573 | .0008659 | .0026535 | .0003876 | .0117101 |
| %RSD   | 11.60504 | 4.864864 | 4.443958 | 3.769041 | .3218828 | 3.131060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0189015 | .0450876 | .0203530 | .0678408 | .1208607 | .3753803 |
| #2 | .0150103 | .0451048 | .0186212 | .0702299 | .1203194 | .3616564 |
| #3 | .0166255 | .0490059 | .0194822 | .0731393 | .1201094 | .3849536 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3801658 | .0105623 | .0099386 | 9.653364 | .0211137 | .0959620 |
| Stddev | .0013606 | .0000321 | .0001044 | .063728  | .0003976 | .0001355 |
| %RSD   | .3578857 | .3034636 | 1.050813 | .6601615 | 1.882938 | .1412521 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3810399 | .0105608 | .0100235 | 9.681060 | .0215379 | .0960479 |
| #2 | .3785982 | .0105311 | .0099704 | 9.580474 | .0207496 | .0958057 |
| #3 | .3808593 | .0105951 | .0098220 | 9.698557 | .0210537 | .0960323 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0539919 | .2103044 | .0300339 | 8.934112 | .0770355 | .0191599 |
| Stddev | .0013145 | .0042832 | .0003287 | .045994  | .0003178 | .0001006 |
| %RSD   | 2.434587 | 2.036652 | 1.094324 | .5148078 | .4125576 | .5252150 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0524755 | .2122887 | .0302324 | 8.903470 | .0773932 | .0190439 |
| #2 | .0546935 | .2053889 | .0296545 | 8.911867 | .0769279 | .0192126 |
| #3 | .0548068 | .2132356 | .0302147 | 8.986999 | .0767855 | .0192233 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.410600 | .1028709 | .1128937 | 9.460784 | .0226035 | F .1934235 |
| Stddev | .224397  | .0029646 | .0023118 | .068138  | .0015063 | .0041272   |
| %RSD   | 2.384510 | 2.881888 | 2.047814 | .7202196 | 6.664192 | 2.133784   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.661853 | .0995580 | .1119308 | 9.382616 | .0221099 | .1894301 |
| #2 | 9.230129 | .1052740 | .1155313 | 9.492114 | .0214058 | .1931678 |
| #3 | 9.339819 | .1037808 | .1112188 | 9.507623 | .0242947 | .1976727 |

Sample Name: PB138973BS      Acquired: 09/17/2021 13:02:47      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS973      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0205220 | .1748904 | .1808775 | .0124690 | .2080239 | .0276989 |
| Stddev | .0009048 | .0045735 | .0018226 | .0015703 | .0007236 | .0020706 |
| %RSD   | 4.408924 | 2.615083 | 1.007634 | 12.59330 | .3478462 | 7.475425 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215659 | .1801662 | .1817810 | .0129773 | .2072084 | .0285078 |
| #2 | .0199640 | .1720481 | .1787797 | .0137221 | .2082738 | .0292429 |
| #3 | .0200361 | .1724569 | .1820718 | .0107075 | .2085894 | .0253459 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2145274 |
| Stddev | .0008724 |
| %RSD   | .4066691 |

|    |          |
|----|----------|
| #1 | .2143948 |
| #2 | .2137289 |
| #3 | .2154585 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1587.462 | 29276.67 | 6320.746 | 864.4048 | 2053.475 |
| Stddev    | .836     | 41.03    | 43.643   | 7.4240   | 1.820    |
| %RSD      | .0526676 | .1401445 | .6904735 | .8588557 | .0886338 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1586.525 | 29232.93 | 6310.592 | 861.3980 | 2055.275 |
| #2 | 1587.730 | 29282.78 | 6368.571 | 858.9559 | 2051.636 |
| #3 | 1588.131 | 29314.31 | 6283.075 | 872.8606 | 2053.514 |

Sample Name: M3619-01LX5      Acquired: 09/17/2021 13:21:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082348 | -.005120 | .0162753 | .0192816 | .0071930 | .0149308 | -.000909 |
| Stddev | .0069910 | .004408  | .0011775 | .0035199 | .0026150 | .0077355 | .000517  |
| %RSD   | 84.89619 | 86.08471 | 7.234786 | 18.25528 | 36.35454 | 51.80870 | 56.87138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0131533 | -.006830 | .0174112 | .0156949 | .0080765 | .0230622 | -.000400 |
| #2 | .0002320 | -.008416 | .0163544 | .0194192 | .0042507 | .0076638 | -.000894 |
| #3 | .0113191 | -.000114 | .0150602 | .0227307 | .0092518 | .0140665 | -.001433 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000109 | -.000022 | 6.159621 | .0009452 | .0000437 | .0389543 | .5751154 |
| Stddev | .0001415 | .000088  | .026064  | .0007730 | .0002156 | .0018610 | .0124425 |
| %RSD   | 1301.231 | 395.2808 | .4231493 | 81.78607 | 493.5124 | 4.777513 | 2.163483 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001740 | .000023  | 6.148282 | .0007817 | -.000188 | .0368992 | .5639213 |
| #2 | -.000063 | -.000124 | 6.141146 | .0002670 | .000238  | .0394379 | .5885122 |
| #3 | -.000078 | .000034  | 6.189434 | .0017869 | .000082  | .0405258 | .5729127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057499 | .2028456 | .0020106 | .0007120 | 31.72715 | .0028135 | 1.829249 |
| Stddev | .0006857 | .0026586 | .0000818 | .0000475 | .01367   | .0011453 | .013366  |
| %RSD   | 11.92600 | 1.310669 | 4.066812 | 6.668812 | .0430807 | 40.70765 | .7307069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049581 | .2053522 | .0019370 | .0007668 | 31.71557 | .0036456 | 1.814532 |
| #2 | .0061430 | .2000573 | .0019961 | .0006874 | 31.74223 | .0015073 | 1.840635 |
| #3 | .0061486 | .2031273 | .0020986 | .0006819 | 31.72366 | .0032877 | 1.832581 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.289041 | 3.288356 | 4.544461 | .2505320 | 4.216572 | .6765086 | .0139708 |
| Stddev | .016052  | .020713  | .016666  | .0007752 | .008593  | .0041200 | .0014146 |
| %RSD   | .4880325 | .6299019 | .3667389 | .3094347 | .2037926 | .6090153 | 10.12523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.287175 | 3.264558 | 4.556464 | .2497495 | 4.222434 | .6812531 | .0150310 |
| #2 | 3.305944 | 3.298187 | 4.551486 | .2505465 | 4.206708 | .6744392 | .0145168 |
| #3 | 3.274004 | 3.302323 | 4.525432 | .2512998 | 4.220575 | .6738334 | .0123646 |

Sample Name: M3619-01LX5      Acquired: 09/17/2021 13:21:03      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AA1L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006641 | .0047552 | .0029043 |
| Stddev | .0013807 | .0022011 | .0000935 |
| %RSD   | 207.8911 | 46.28853 | 3.219629 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0020949 | .0051633 | .0029964 |
| #2 | -.000660 | .0023786 | .0028094 |
| #3 | .000558  | .0067238 | .0029070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1569.920 | 29364.39 | 6422.382 | 856.7647 | 2105.039 |
| Stddev    | 1.648    | 82.01    | 6.769    | 2.5529   | 6.326    |
| %RSD      | .1049703 | .2792875 | .1053967 | .2979641 | .3005015 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1568.472 | 29458.75 | 6415.142 | 859.6879 | 2099.034 |
| #2 | 1571.713 | 29310.29 | 6428.553 | 854.9739 | 2111.642 |
| #3 | 1569.573 | 29324.13 | 6423.451 | 855.6323 | 2104.442 |

Sample Name: M3619-04      Acquired: 09/17/2021 13:25:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0647240 | -.005660 | .0995263 | .0900405 | .0273168 | .2083141 |
| Stddev | .0045743 | .003703  | .0000673 | .0031327 | .0023773 | .0126117 |
| %RSD   | 7.067313 | 65.42199 | .0676596 | 3.479245 | 8.702570 | 6.054167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0624348 | -.005637 | .0995335 | .0890504 | .0299224 | .1951038 |
| #2 | .0699909 | -.001969 | .0995897 | .0875224 | .0267618 | .2202268 |
| #3 | .0617464 | -.009375 | .0994556 | .0935486 | .0252661 | .2096117 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0599637 | .0002882 | .0000250 | 60.96202 | .0117480 | .0024009 |
| Stddev | .0009550 | .0001036 | .0000257 | .16516   | .0005370 | .0001756 |
| %RSD   | 1.592561 | 35.94167 | 102.5895 | .2709283 | 4.570817 | 7.316048 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0602232 | .0001820 | .0000123 | 60.81066 | .0112149 | .0023195 |
| #2 | .0589059 | .0003890 | .0000082 | 60.93724 | .0122888 | .0022808 |
| #3 | .0607621 | .0002937 | .0000546 | 61.13818 | .0117402 | .0026025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2734259 | 11.81734 | .1131907 | 4.054631 | .0205679 | .0028458 |
| Stddev | .0012170 | .09119   | .0004030 | .030268  | .0008621 | .0001529 |
| %RSD   | .4450734 | .7716324 | .3560628 | .7465155 | 4.191694 | 5.373699 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2723894 | 11.73167 | .1133737 | 4.020952 | .0196746 | .0029051 |
| #2 | .2747658 | 11.91319 | .1134698 | 4.079561 | .0213951 | .0026721 |
| #3 | .2731224 | 11.80717 | .1127287 | 4.063381 | .0206339 | .0029602 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 179.4204 | .0026690 | 13.28263 | 20.48266 | F 24.11343 | 24.28951 |
| Stddev | .9815    | .0005769 | .15914   | .07485   | .06974     | .17026   |
| %RSD   | .5470115 | 21.61337 | 1.198128 | .3654522 | .2892057   | .7009635 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 179.0013 | .0030433 | 13.10103 | 20.40970 | 24.18884 | 24.30618 |
| #2 | 180.5419 | .0020047 | 13.34909 | 20.55928 | 24.05125 | 24.45081 |
| #3 | 178.7181 | .0029592 | 13.39776 | 20.47900 | 24.10020 | 24.11152 |



Sample Name: M3619-04      Acquired: 09/17/2021 13:25:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.553836 | 25.38238 | 3.436304 | .0796503 | .0048979 | .0709283 |
| Stddev | .002566  | .04323   | .022754  | .0030573 | .0010173 | .0011823 |
| %RSD   | .1651496 | .1703185 | .6621625 | 3.838436 | 20.77074 | 1.666842 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.555180 | 25.41369 | 3.437438 | .0803921 | .0037668 | .0706933 |
| #2 | 1.550877 | 25.33306 | 3.458470 | .0762903 | .0051888 | .0722104 |
| #3 | 1.555451 | 25.40040 | 3.413005 | .0822684 | .0057380 | .0698811 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0250198 |
| Stddev | .0000837 |
| %RSD   | .3344922 |

|    |          |
|----|----------|
| #1 | .0249464 |
| #2 | .0250020 |
| #3 | .0251110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1473.997 | 29222.96 | 6582.709 | 811.6450 | 2190.269 |
| Stddev    | 4.168    | 157.16   | 31.245   | 7.1297   | 3.746    |
| %RSD      | .2827348 | .5378069 | .4746556 | .8784304 | .1710070 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1474.049 | 29320.89 | 6613.695 | 819.4378 | 2191.149 |
| #2 | 1478.139 | 29306.31 | 6551.211 | 810.0480 | 2193.495 |
| #3 | 1469.804 | 29041.68 | 6583.223 | 805.4492 | 2186.161 |

Sample Name: M3619-01      Acquired: 09/17/2021 13:29:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0589382 | -.002430 | .0730345 | .0903712 | .0114913 | .0905306 |
| Stddev | .0057392 | .003934  | .0016960 | .0003876 | .0021428 | .0044047 |
| %RSD   | 9.737626 | 161.8935 | 2.322228 | .4288774 | 18.64660 | 4.865488 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0653678 | -.005940 | .0713033 | .0907564 | .0123292 | .0862493 |
| #2 | .0543329 | .001822  | .0731072 | .0903761 | .0090563 | .0902931 |
| #3 | .0571139 | -.003172 | .0746930 | .0899813 | .0130886 | .0950492 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220432 | .0001754 | -.000066 | 32.06144 | .0060088 | .0010197 |
| Stddev | .0004230 | .0001203 | .000173  | .13572   | .0007004 | .0003808 |
| %RSD   | 1.918993 | 68.59447 | 262.4872 | .4233137 | 11.65596 | 37.34194 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215571 | .0003139 | .000131  | 31.90557 | .0063950 | .0014270 |
| #2 | .0223278 | .0001161 | -.000135 | 32.15341 | .0052004 | .0006726 |
| #3 | .0222448 | .0000962 | -.000194 | 32.12536 | .0064311 | .0009597 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1957029 | 2.984114 | .0299234 | .9742508 | .0087854 | .0021313 |
| Stddev | .0012473 | .014086  | .0004839 | .0560591 | .0010425 | .0002324 |
| %RSD   | .6373259 | .4720287 | 1.617021 | 5.754073 | 11.86587 | 10.90481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1963417 | 2.986755 | .0293685 | .9369366 | .0098027 | .0019220 |
| #2 | .1942656 | 2.996693 | .0302573 | .9471000 | .0088340 | .0020904 |
| #3 | .1965013 | 2.968895 | .0301445 | 1.038716 | .0077194 | .0023814 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 161.1588 | .0026235 | 9.699418 | 18.09445 | F 17.25715 | 21.58865 |
| Stddev | .7753    | .0040246 | .075315  | .04374   | .06268     | .08029   |
| %RSD   | .4810621 | 153.4068 | .7764888 | .2417071 | .3632295   | .3718905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 161.4930 | .0069725 | 9.722653 | 18.13890 | 17.18810 | 21.49641 |
| #2 | 161.7110 | .0018674 | 9.760377 | 18.05146 | 17.27287 | 21.64285 |
| #3 | 160.2725 | -.000969 | 9.615223 | 18.09298 | 17.31048 | 21.62668 |

Sample Name: M3619-01      Acquired: 09/17/2021 13:29:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.367966 | 17.53747 | 3.224534 | .0774500 | .0036681 | .0381537 |
| Stddev | .002151  | .07947   | .010944  | .0018386 | .0002310 | .0009275 |
| %RSD   | .1572236 | .4531201 | .3393946 | 2.373866 | 6.297826 | 2.431004 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.368968 | 17.56211 | 3.214808 | .0760295 | .0039331 | .0371469 |
| #2 | 1.365497 | 17.60169 | 3.236385 | .0795266 | .0035612 | .0389734 |
| #3 | 1.369432 | 17.44860 | 3.222410 | .0767938 | .0035098 | .0383409 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0155133 |
| Stddev | .0000756 |
| %RSD   | .4872691 |

|    |          |
|----|----------|
| #1 | .0155863 |
| #2 | .0154354 |
| #3 | .0155181 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1486.937 | 29297.10 | 6585.876 | 816.6636 | 2201.883 |
| Stddev    | 1.132    | 63.17    | 12.887   | 5.2698   | 3.104    |
| %RSD      | .0761445 | .2156072 | .1956807 | .6452883 | .1409763 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1487.526 | 29230.19 | 6593.516 | 817.8676 | 2205.464 |
| #2 | 1487.653 | 29305.39 | 6570.997 | 810.8960 | 2200.217 |
| #3 | 1485.631 | 29355.71 | 6593.115 | 821.2273 | 2199.967 |

Sample Name: M3619-02      Acquired: 09/17/2021 13:33:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0608267 | -.003432 | .0736362 | .0868611 | .0096316 | .0945668 |
| Stddev | .0018594 | .004626  | .0023501 | .0089581 | .0036820 | .0061992 |
| %RSD   | 3.056934 | 134.7920 | 3.191502 | 10.31318 | 38.22788 | 6.555345 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0619716 | -.004877 | .0721756 | .0921595 | .0062721 | .0876813 |
| #2 | .0618273 | .001744  | .0723859 | .0919057 | .0135679 | .0997043 |
| #3 | .0586812 | -.007163 | .0763472 | .0765182 | .0090548 | .0963149 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0223346 | .0002357 | -.000074 | 32.10757 | .0060418 | .0009421 |
| Stddev | .0003235 | .0001503 | .000060  | .07461   | .0003782 | .0002236 |
| %RSD   | 1.448558 | 63.79400 | 81.07596 | .2323845 | 6.258912 | 23.73818 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0223755 | .0003594 | -.000057 | 32.12991 | .0064784 | .0011837 |
| #2 | .0219926 | .0002793 | -.000025 | 32.16846 | .0058191 | .0009004 |
| #3 | .0226358 | .0000683 | -.000141 | 32.02434 | .0058278 | .0007423 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1963975 | 2.970361 | .0302175 | .9662593 | .0086218 | .0022598 |
| Stddev | .0011893 | .023456  | .0010111 | .0217186 | .0001987 | .0000461 |
| %RSD   | .6055782 | .7896693 | 3.346004 | 2.247702 | 2.304094 | 2.040871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1966835 | 2.977560 | .0310112 | .9788303 | .0088413 | .0023107 |
| #2 | .1974179 | 2.944149 | .0305623 | .9411808 | .0084544 | .0022208 |
| #3 | .1950913 | 2.989373 | .0290792 | .9787667 | .0085698 | .0022478 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 159.6668 | .0019426 | 9.694192 | 17.80809 | F 17.28054 | 21.39207 |
| Stddev | .2760    | .0018737 | .048634  | .01446   | .15003     | .18572   |
| %RSD   | .1728389 | 96.45281 | .5016770 | .0812042 | .8681770   | .8681739 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 159.3781 | -.000183 | 9.680441 | 17.79327 | 17.24586 | 21.58558 |
| #2 | 159.9279 | .003356  | 9.653914 | 17.82216 | 17.15090 | 21.37536 |
| #3 | 159.6944 | .002655  | 9.748220 | 17.80884 | 17.44487 | 21.21527 |

Sample Name: M3619-02      Acquired: 09/17/2021 13:33:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.364656 | 17.48735 | 3.198062 | .0741614 | .0029216 | .0365967 |
| Stddev | .002451  | .07483   | .021690  | .0008155 | .0011171 | .0002833 |
| %RSD   | .1795990 | .4279123 | .6782297 | 1.099629 | 38.23375 | .7742416 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.363084 | 17.42217 | 3.222549 | .0734483 | .0016542 | .0369238 |
| #2 | 1.363404 | 17.47082 | 3.190378 | .0750506 | .0037626 | .0364280 |
| #3 | 1.367480 | 17.56906 | 3.181260 | .0739853 | .0033482 | .0364383 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0153069 |
| Stddev | .0001292 |
| %RSD   | .8437587 |

|    |          |
|----|----------|
| #1 | .0151832 |
| #2 | .0154409 |
| #3 | .0152967 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1490.548 | 29201.42 | 6618.923 | 819.1836 | 2204.059 |
| Stddev    | 2.083    | 40.44    | 23.060   | 2.4970   | 1.501    |
| %RSD      | .1397409 | .1384981 | .3484020 | .3048203 | .0681134 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1492.555 | 29245.17 | 6594.065 | 818.5809 | 2205.645 |
| #2 | 1490.693 | 29165.39 | 6623.087 | 821.9268 | 2202.660 |
| #3 | 1488.396 | 29193.70 | 6639.619 | 817.0431 | 2203.873 |

Sample Name: M3619-03      Acquired: 09/17/2021 13:37:10      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1167506 | .0426427 | .0889095 | .2680524 | .1261932 | 2.169580 |
| Stddev | .0020254 | .0019711 | .0016091 | .0028646 | .0019634 | .007833  |
| %RSD   | 1.734815 | 4.622263 | 1.809790 | 1.068662 | 1.555884 | .3610236 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1148384 | .0435772 | .0901477 | .2697067 | .1262095 | 2.168642 |
| #2 | .1165406 | .0439727 | .0870907 | .2697058 | .1281484 | 2.162259 |
| #3 | .1188728 | .0403782 | .0894901 | .2647447 | .1242217 | 2.177840 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.398039 | .0539950 | .0501723 | 31.82209 | .2497885 | .5038393 |
| Stddev | .003702  | .0000484 | .0001623 | .07270   | .0004021 | .0021574 |
| %RSD   | .1543896 | .0897164 | .3234292 | .2284659 | .1609798 | .4281992 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.398072 | .0540221 | .0501235 | 31.88478 | .2500355 | .5030074 |
| #2 | 2.394320 | .0540238 | .0500401 | 31.83911 | .2493245 | .5022216 |
| #3 | 2.401725 | .0539391 | .0503534 | 31.74239 | .2500054 | .5062888 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4915950 | 4.170925 | .5876302 | .9283036 | .5154422 | .0526118 |
| Stddev | .0020158 | .057396  | .0003194 | .0079199 | .0013263 | .0003411 |
| %RSD   | .4100490 | 1.376098 | .0543631 | .8531541 | .2573097 | .6483287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4931852 | 4.145893 | .5879125 | .9224165 | .5155789 | .0525296 |
| #2 | .4893279 | 4.236586 | .5872834 | .9251865 | .5140529 | .0523193 |
| #3 | .4922720 | 4.130297 | .5876948 | .9373077 | .5166948 | .0529865 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 159.2218 | .6102250 | 10.16806 | 17.78626 | F 17.13766 | 21.35520 |
| Stddev | .5907    | .0046000 | .01459   | .04489   | .02810     | .04715   |
| %RSD   | .3709714 | .7538222 | .1434930 | .2523838 | .1639460   | .2207744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 159.3612 | .6147572 | 10.15858 | 17.75450 | 17.15994 | 21.36835 |
| #2 | 159.7303 | .6103577 | 10.16073 | 17.83762 | 17.14694 | 21.39437 |
| #3 | 158.5739 | .6055601 | 10.18486 | 17.76667 | 17.10610 | 21.30287 |

Sample Name: M3619-03      Acquired: 09/17/2021 13:37:10      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AA1S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.352618 | 17.42267 | 3.196149 | .0759217 | .0026012 | .0373781 |
| Stddev | .002884  | .01332   | .009916  | .0042033 | .0004404 | .0024202 |
| %RSD   | .2132397 | .0764704 | .3102612 | 5.536431 | 16.93038 | 6.474822 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.350202 | 17.42155 | 3.191361 | .0719828 | .0028150 | .0347130 |
| #2 | 1.351839 | 17.40995 | 3.207551 | .0754350 | .0028939 | .0394387 |
| #3 | 1.355811 | 17.43652 | 3.189536 | .0803471 | .0020947 | .0379826 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0140369 |
| Stddev | .0000720 |
| %RSD   | .5129134 |

|    |          |
|----|----------|
| #1 | .0141122 |
| #2 | .0139687 |
| #3 | .0140298 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1491.317 | 29292.86 | 6591.127 | 816.9853 | 2201.086 |
| Stddev    | 5.168    | 61.09    | 18.453   | .6441    | 6.581    |
| %RSD      | .3465491 | .2085384 | .2799708 | .0788359 | .2989795 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1493.218 | 29223.41 | 6581.818 | 817.5603 | 2204.505 |
| #2 | 1495.266 | 29338.27 | 6579.182 | 817.1064 | 2205.254 |
| #3 | 1485.468 | 29316.91 | 6612.380 | 816.2893 | 2193.500 |

Sample Name: PB139062BL      Acquired: 09/17/2021 13:41:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002416 | -.004081 | .0001120 | .0064436 | .0028558 | -.018735 |
| Stddev | .003299  | .003375  | .0027926 | .0014187 | .0033985 | .003375  |
| %RSD   | 136.5306 | 82.69608 | 2494.279 | 22.01734 | 119.0039 | 18.01317 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006091 | -.001929 | .0010519 | .0055618 | .0008141 | -.022430 |
| #2 | .000289  | -.002344 | .0023134 | .0080801 | .0009743 | -.017960 |
| #3 | -.001446 | -.007971 | -.003029 | .0056888 | .0067789 | -.015815 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006112 | -.000065 | -.000045 | -.004105 | .0002116 | -.000113 |
| Stddev | .001408  | .000037  | .000113  | .003040  | .0003521 | .000154  |
| %RSD   | 23.04043 | 56.59880 | 252.2344 | 74.05056 | 166.4215 | 136.5903 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007520 | -.000053 | .000062  | -.002921 | -.000191 | -.000037 |
| #2 | -.006111 | -.000106 | -.000163 | -.007558 | .000463  | -.000290 |
| #3 | -.004704 | -.000035 | -.000033 | -.001835 | .000362  | -.000011 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030285 | -.006966 | .0000911 | .0330874 | -.000441 | .0006295 |
| Stddev | .0016560 | .014812  | .0003906 | .0050317 | .000515  | .0003230 |
| %RSD   | 54.67874 | 212.6487 | 428.7884 | 15.20728 | 116.7189 | 51.31086 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044752 | .009682  | .0004920 | .0348416 | -.000457 | .0002934 |
| #2 | .0012224 | -.018687 | -.000288 | .0274135 | .000081  | .0006575 |
| #3 | .0033880 | -.011891 | .000069  | .0370073 | -.000948 | .0009376 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.282418 | .0025446 | .0010921 | -.379550 | F .0150681 | F .1501212 |
| Stddev | .176920  | .0009899 | .0022628 | .028074  | .0073865   | .0056781   |
| %RSD   | 62.64465 | 38.90075 | 207.1946 | 7.396651 | 49.02091   | 3.782340   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.078215 | .0036814 | .0031467 | -.377621 | .0225921 | .1563580 |
| #2 | -.389676 | .0020781 | .0014627 | -.408539 | .0078272 | .1487544 |
| #3 | -.379362 | .0018741 | -.001333 | -.352491 | .0147850 | .1452513 |



Sample Name: PB139062BL      Acquired: 09/17/2021 13:41:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS062      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000815 | .0634024 | -.000798 | .0002656 | -.001318 | -.003298 |
| Stddev | .0007794 | .0124983 | .001597  | .0013310 | .000941  | .000957  |
| %RSD   | 955.7615 | 19.71257 | 200.1495 | 501.0593 | 71.35960 | 29.03620 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009454 | .0641640 | -.001528 | .0014564 | -.000587 | -.004180 |
| #2 | -.000569 | .0755024 | -.001899 | -.001171 | -.000988 | -.003433 |
| #3 | -.000132 | .0505408 | .001034  | .000512  | -.002379 | -.002279 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000002 |
| Stddev | .0000514 |
| %RSD   | 21420.68 |

|    |          |
|----|----------|
| #1 | -.000059 |
| #2 | .000025  |
| #3 | .000034  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1534.217 | 28108.10 | 6095.355 | 833.4185 | 1962.214 |
| Stddev    | 3.036    | 180.93   | 30.395   | 5.0692   | 3.679    |
| %RSD      | .1978982 | .6437002 | .4986574 | .6082410 | .1874939 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1530.953 | 28094.19 | 6061.794 | 829.3555 | 1959.883 |
| #2 | 1534.739 | 28295.59 | 6121.029 | 839.0990 | 1966.455 |
| #3 | 1536.958 | 27934.53 | 6103.243 | 831.8009 | 1960.304 |

Sample Name: PB139062BS      Acquired: 09/17/2021 13:45:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0248750 | .0483215 | .0199897 | .0812986 | .1290305 | .3880288 |
| Stddev | .0063115 | .0013720 | .0028998 | .0069158 | .0016757 | .0120205 |
| %RSD   | 25.37294 | 2.839296 | 14.50667 | 8.506674 | 1.298645 | 3.097824 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0317905 | .0485420 | .0195796 | .0746930 | .1302790 | .3970277 |
| #2 | .0194256 | .0495699 | .0230727 | .0884877 | .1296863 | .3743775 |
| #3 | .0234088 | .0468526 | .0173167 | .0807150 | .1271261 | .3926813 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3933980 | .0110741 | .0104521 | 10.06132 | .0218583 | .1002492 |
| Stddev | .0045522 | .0001402 | .0001010 | .12811   | .0007398 | .0003616 |
| %RSD   | 1.157149 | 1.266373 | .9661173 | 1.273294 | 3.384363 | .3607232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3971172 | .0112229 | .0103880 | 10.19852 | .0217181 | .0998325 |
| #2 | .3947553 | .0110549 | .0105685 | 10.04059 | .0226581 | .1004810 |
| #3 | .3883216 | .0109444 | .0103999 | 9.94483  | .0211986 | .1004341 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0560431 | .2129858 | .0308101 | 9.242605 | .0821387 | .0202439 |
| Stddev | .0015270 | .0171534 | .0005321 | .150521  | .0004847 | .0004324 |
| %RSD   | 2.724712 | 8.053791 | 1.727074 | 1.628558 | .5901218 | 2.135940 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0577654 | .2177890 | .0311725 | 9.305435 | .0816955 | .0200122 |
| #2 | .0555088 | .2272256 | .0301992 | 9.351532 | .0820643 | .0199767 |
| #3 | .0548550 | .1939428 | .0310587 | 9.070848 | .0826563 | .0207428 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.705512 | .1072983 | .1188753 | 9.682559 | F .0316664 | F .2919393 |
| Stddev | .092574  | .0018525 | .0029590 | .158732  | .0062387   | .0045823   |
| %RSD   | .9538274 | 1.726500 | 2.489153 | 1.639365 | 19.70132   | 1.569595   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.605885 | .1094202 | .1222818 | 9.798688 | .0368298 | .2961291 |
| #2 | 9.788877 | .1060025 | .1174001 | 9.747301 | .0334351 | .2926428 |
| #3 | 9.721775 | .1064723 | .1169439 | 9.501688 | .0247343 | .2870459 |

Sample Name: PB139062BS      Acquired: 09/17/2021 13:45:16      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS062      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215815 | .2177018 | .1901199 | .0111562 | .2135241 | .0282197 |
| Stddev | .0007709 | .0100281 | .0016224 | .0046963 | .0025287 | .0007355 |
| %RSD   | 3.572153 | 4.606331 | .8533767 | 42.09603 | 1.184277 | 2.606152 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0206961 | .2071531 | .1919933 | .0161141 | .2137984 | .0273984 |
| #2 | .0219443 | .2188403 | .1891829 | .0105801 | .2159044 | .0288174 |
| #3 | .0221041 | .2271121 | .1891835 | .0067746 | .2108694 | .0284434 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2205008 |
| Stddev | .0031629 |
| %RSD   | 1.434403 |

|    |          |
|----|----------|
| #1 | .2225882 |
| #2 | .2220525 |
| #3 | .2168618 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1576.850 | 28967.82 | 6301.799 | 859.2595 | 2043.670 |
| Stddev    | 2.800    | 137.36   | 94.367   | 4.9599   | 1.254    |
| %RSD      | .1775749 | .4741684 | 1.497464 | .5772325 | .0613518 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1579.905 | 28983.52 | 6268.918 | 859.5028 | 2043.320 |
| #2 | 1574.406 | 28823.28 | 6228.271 | 854.1825 | 2042.629 |
| #3 | 1576.239 | 29096.64 | 6408.208 | 864.0934 | 2045.062 |

Sample Name: M3713-01      Acquired: 09/17/2021 13:49:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0638919 | -.016220 | .0056834 | .0561222 | .0003457 | 140.7328 | .7783768 |
| Stddev | .0038956 | .005164  | .0036186 | .0042288 | .0017536 | .5307    | .0020049 |
| %RSD   | 6.097128 | 31.83538 | 63.66961 | 7.535039 | 507.3059 | .3770709 | .2575799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0630815 | -.019226 | .0098617 | .0561716 | -.001118 | 140.1739 | .7763086 |
| #2 | .0681289 | -.019177 | .0036142 | .0603261 | .002289  | 140.7948 | .7785099 |
| #3 | .0604652 | -.010258 | .0035742 | .0518689 | -.000134 | 141.2298 | .7803118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074396 | -.002550 | 42.01505 | .1789457 | .1382653 | .4978385 | 298.5619 |
| Stddev | .0002425 | .000173  | .17591   | .0005188 | .0005214 | .0027011 | 1.6269   |
| %RSD   | 3.259314 | 6.771962 | .4186925 | .2899127 | .3770766 | .5425581 | .5449039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0073075 | -.002568 | 41.81198 | .1783519 | .1382792 | .4970561 | 297.0423 |
| #2 | .0077195 | -.002369 | 42.12103 | .1791737 | .1377372 | .4956150 | 298.3652 |
| #3 | .0072919 | -.002713 | 42.11212 | .1793114 | .1387796 | .5008444 | 300.2782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.073650 | 25.71480 | .1223827 | .0145635 | 2.451640 | .6378259 | .4337303 |
| Stddev | .014041  | .11760   | .0006143 | .0000600 | .263109  | .0066760 | .0036656 |
| %RSD   | .2311751 | .4573171 | .5019398 | .4118940 | 10.73196 | 1.046675 | .8451227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.061526 | 25.59508 | .1230220 | .0146319 | 2.178477 | .6308403 | .4347333 |
| #2 | 6.089034 | 25.83015 | .1223290 | .0145390 | 2.703386 | .6384956 | .4367900 |
| #3 | 6.070389 | 25.71918 | .1217970 | .0145196 | 2.473057 | .6441418 | .4296677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2806520 | 3.608715 | .0663654 | -.001986 | 1.028071 | 10.97809 | .0077852 |
| Stddev | .0433766 | .019023  | .0044397 | .000460  | .006778  | .05676   | .0012477 |
| %RSD   | 15.45565 | .5271427 | 6.689818 | 23.13666 | .6593077 | .5170394 | 16.02634 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3188579 | 3.630327 | .0650047 | -.001532 | 1.035893 | 10.91255 | .0069123 |
| #2 | .2334998 | 3.594506 | .0627653 | -.001976 | 1.024413 | 11.01008 | .0092142 |
| #3 | .2895983 | 3.601314 | .0713262 | -.002451 | 1.023909 | 11.01163 | .0072289 |

Sample Name: M3713-01      Acquired: 09/17/2021 13:49:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.826736 | .0199809 | .2048132 |
| Stddev | .001851  | .0007120 | .0004990 |
| %RSD   | .1013426 | 3.563160 | .2436402 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.824629 | .0207114 | .2051328 |
| #2 | 1.827482 | .0199422 | .2050685 |
| #3 | 1.828098 | .0192891 | .2042381 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1658.068 | 30786.34 | 6661.360 | 908.7303 | 2002.426 |
| Stddev    | 4.667    | 66.18    | 27.587   | .7621    | 4.155    |
| %RSD      | .2814738 | .2149665 | .4141364 | .0838621 | .2075084 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1661.025 | 30711.49 | 6688.020 | 907.9485 | 2005.653 |
| #2 | 1660.491 | 30837.10 | 6663.129 | 908.7714 | 2003.889 |
| #3 | 1652.688 | 30810.43 | 6632.931 | 909.4710 | 1997.738 |

Sample Name: M3713-02      Acquired: 09/17/2021 13:53:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0584201 | -.013498 | .0061127 | .0555061 | .0003271 | 140.3783 | .8006749 |
| Stddev | .0037514 | .006285  | .0010114 | .0034585 | .0027329 | .3608    | .0022507 |
| %RSD   | 6.421489 | 46.55968 | 16.54622 | 6.230861 | 835.4837 | .2569866 | .2811027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0626982 | -.006246 | .0066060 | .0594937 | -.002122 | 139.9956 | .8007050 |
| #2 | .0556925 | -.017359 | .0049492 | .0533240 | .003275  | 140.7121 | .8029104 |
| #3 | .0568695 | -.016889 | .0067827 | .0537006 | -.000172 | 140.4272 | .7984092 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074345 | -.002460 | 42.26720 | .1830946 | .1403227 | .4952974 | 296.8523 |
| Stddev | .0002086 | .000267  | .08858   | .0006586 | .0007763 | .0009257 | 1.9118   |
| %RSD   | 2.805996 | 10.86040 | .2095607 | .3597112 | .5532028 | .1868901 | .6440379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074320 | -.002159 | 42.29667 | .1838218 | .1398360 | .4955914 | 294.6606 |
| #2 | .0076444 | -.002552 | 42.33729 | .1825381 | .1399142 | .4960404 | 297.7195 |
| #3 | .0072272 | -.002669 | 42.16765 | .1829239 | .1412180 | .4942605 | 298.1769 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.197448 | 25.88638 | .1243802 | .0141677 | 2.514842 | .6345475 | .4259869 |
| Stddev | .021416  | .08735   | .0010323 | .0002970 | .083858  | .0025268 | .0030366 |
| %RSD   | .3455666 | .3374388 | .8299268 | 2.096316 | 3.334505 | .3982048 | .7128353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.221856 | 25.94610 | .1252582 | .0138457 | 2.604955 | .6319651 | .4283759 |
| #2 | 6.188684 | 25.92691 | .1232430 | .0144308 | 2.500473 | .6370147 | .4225697 |
| #3 | 6.181804 | 25.78612 | .1246393 | .0142266 | 2.439097 | .6346625 | .4270150 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3021860 | 3.666325 | .0532113 | -.002613 | 1.031082 | 10.94939 | .0075024 |
| Stddev | .0629395 | .008582  | .0025373 | .000806  | .011304  | .05700   | .0045001 |
| %RSD   | 20.82808 | .2340671 | 4.768376 | 30.83536 | 1.096279 | .5205476 | 59.98213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2394931 | 3.676058 | .0548850 | -.003423 | 1.038928 | 10.88812 | .0067475 |
| #2 | .3016957 | 3.659849 | .0502919 | -.002603 | 1.018126 | 11.00083 | .0123323 |
| #3 | .3653693 | 3.663067 | .0544570 | -.001812 | 1.036194 | 10.95921 | .0034276 |

Sample Name: M3713-02      Acquired: 09/17/2021 13:53:27      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.820504 | .0206690 | .2185575 |
| Stddev | .006725  | .0011872 | .0010735 |
| %RSD   | .3693783 | 5.743860 | .4911639 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.813046 | .0195154 | .2195191 |
| #2 | 1.822363 | .0218872 | .2187541 |
| #3 | 1.826104 | .0206045 | .2173993 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1658.645 | 30549.89 | 6693.251 | 910.2050 | 1993.442 |
| Stddev    | 2.245    | 43.19    | 31.038   | 2.4283   | .083     |
| %RSD      | .1353614 | .1413635 | .4637223 | .2667820 | .0041765 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1659.720 | 30567.57 | 6723.788 | 908.7889 | 1993.469 |
| #2 | 1660.151 | 30500.67 | 6661.735 | 908.8172 | 1993.349 |
| #3 | 1656.065 | 30581.44 | 6694.230 | 913.0089 | 1993.509 |

Sample Name: M3713-03      Acquired: 09/17/2021 13:57:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1192240 | .0658955 | .0467811 | .2416251 | .0546616 | 153.3327 | 4.863550 |
| Stddev | .0056125 | .0103854 | .0022490 | .0037744 | .0032414 | .2595    | .013172  |
| %RSD   | 4.707555 | 15.76045 | 4.807581 | 1.562080 | 5.930041 | .1692321 | .2708213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1138675 | .0724670 | .0478363 | .2376278 | .0510381 | 153.0543 | 4.852140 |
| #2 | .1187429 | .0539225 | .0483085 | .2421198 | .0572856 | 153.5679 | 4.860545 |
| #3 | .1250616 | .0712970 | .0441985 | .2451277 | .0556610 | 153.3758 | 4.877964 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1129793 | .1033213 | 41.68838 | .6018105 | 1.181338 | .9729130 | 267.2107 |
| Stddev | .0005312 | .0004897 | .14332   | .0014658 | .000386  | .0061041 | 1.0192   |
| %RSD   | .4701936 | .4739054 | .3437944 | .2435571 | .0326518 | .6274031 | .3814372 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1130700 | .1030262 | 41.52380 | .6026970 | 1.180980 | .9680876 | 266.0400 |
| #2 | .1134594 | .1030512 | 41.78568 | .6026158 | 1.181287 | .9708764 | 267.9003 |
| #3 | .1124086 | .1038865 | 41.75568 | .6001186 | 1.181747 | .9797750 | 267.6919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.384925 | 26.27749 | 1.197486 | .1510062 | 2.319272 | 1.667513 | 1.362542 |
| Stddev | .011286  | .20316   | .002542  | .0005122 | .208726  | .007660  | .014606  |
| %RSD   | .2095942 | .7731444 | .2122795 | .3391850 | 8.999645 | .4593397 | 1.071931 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.372072 | 26.04322 | 1.194612 | .1504160 | 2.410656 | 1.676137 | 1.348150 |
| #2 | 5.389482 | 26.38395 | 1.199438 | .1513348 | 2.080440 | 1.664899 | 1.377352 |
| #3 | 5.393220 | 26.40530 | 1.198409 | .1512677 | 2.466721 | 1.661502 | 1.362124 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3766593 | 3.107662 | .0533814 | -.002192 | 1.187005 | 12.55228 | .0076746 |
| Stddev | .0109784 | .043445  | .0024135 | .000729  | .007108  | .03425   | .0045990 |
| %RSD   | 2.914663 | 1.397983 | 4.521261 | 33.23585 | .5988403 | .2728967 | 59.92475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3724783 | 3.061845 | .0516956 | -.002125 | 1.190359 | 12.54525 | .0031681 |
| #2 | .3891138 | 3.148263 | .0561462 | -.001500 | 1.178840 | 12.58950 | .0074947 |
| #3 | .3683856 | 3.112877 | .0523025 | -.002953 | 1.191815 | 12.52208 | .0123608 |



Sample Name: M3713-03      Acquired: 09/17/2021 13:57:31      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF03S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.305387 | .0257963 | .1785134 |
| Stddev | .009665  | .0007702 | .0000940 |
| %RSD   | .4192521 | 2.985672 | .0526813 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.294250 | .0266148 | .1785279 |
| #2 | 2.311594 | .0256882 | .1784129 |
| #3 | 2.310315 | .0250859 | .1785993 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1650.154 | 30518.46 | 6687.247 | 900.6724 | 1999.159 |
| Stddev    | 1.480    | 10.80    | 26.740   | 4.4409   | 2.006    |
| %RSD      | .0896815 | .0353826 | .3998604 | .4930688 | .1003382 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1651.232 | 30506.21 | 6703.722 | 905.7872 | 2000.435 |
| #2 | 1650.764 | 30526.60 | 6656.395 | 897.7971 | 2000.196 |
| #3 | 1648.467 | 30522.58 | 6701.625 | 898.4330 | 1996.847 |

Sample Name: CCV084      Acquired: 09/17/2021 14:01:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.110817 | 5.080178 | 25.19762 | 5.154095 | 5.165451 | 405.7916 | 10.26428 |
| Stddev | .018144  | .011574  | .04526   | .017386  | .005648  | .9680    | .01131   |
| %RSD   | .3550157 | .2278295 | .1796326 | .3373156 | .1093347 | .2385477 | .1101668 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.112526 | 5.090427 | 25.14910 | 5.160048 | 5.171419 | 405.1479 | 10.25600 |
| #2 | 5.091879 | 5.082482 | 25.20504 | 5.134514 | 5.160190 | 406.9048 | 10.27716 |
| #3 | 5.128046 | 5.067626 | 25.23871 | 5.167721 | 5.164743 | 405.3221 | 10.25968 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5145525 | 2.480538 | 396.9084 | 15.38231 | 2.535621 | 15.56366 | 422.5445 |
| Stddev | .0013921 | .003242  | .8695    | .02249   | .004684  | .01699   | 2.4492   |
| %RSD   | .2705478 | .1307139 | .2190617 | .1462003 | .1847286 | .1091552 | .5796230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5131530 | 2.477231 | 395.9076 | 15.35783 | 2.530864 | 15.54492 | 422.0928 |
| #2 | .5159371 | 2.480673 | 397.4782 | 15.38705 | 2.535769 | 15.57806 | 425.1881 |
| #3 | .5145674 | 2.483711 | 397.3394 | 15.40206 | 2.540229 | 15.56798 | 420.3526 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.66093 | 387.6133 | 2.519080 | 1.278477 | 418.9474 | 2.593995 | 15.51631 |
| Stddev | .03645   | .9385    | .008275  | .005728  | 1.1747   | .015632  | .09998   |
| %RSD   | .2485923 | .2421300 | .3285016 | .4480705 | .2803849 | .6026159 | .6443332 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.61973 | 386.6168 | 2.509944 | 1.275783 | 418.6523 | 2.586203 | 15.61387 |
| #2 | 14.67407 | 387.7425 | 2.521224 | 1.274592 | 420.2414 | 2.611991 | 15.52098 |
| #3 | 14.68898 | 388.4805 | 2.526072 | 1.285056 | 417.9484 | 2.583790 | 15.41408 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 158.0427 | 5.351913 | 5.176531 | 5.125968 | 5.374977 | 5.066522 | 5.109906 |
| Stddev | .1214    | .029355  | .022070  | .012979  | .009467  | .012148  | .006987  |
| %RSD   | .0768295 | .5484989 | .4263398 | .2532021 | .1761332 | .2397640 | .1367378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 158.0984 | 5.354158 | 5.152225 | 5.132914 | 5.381708 | 5.052495 | 5.102408 |
| #2 | 158.1262 | 5.321500 | 5.182054 | 5.110994 | 5.379071 | 5.073600 | 5.116234 |
| #3 | 157.9034 | 5.380082 | 5.195315 | 5.133997 | 5.364152 | 5.073470 | 5.111076 |

Sample Name: CCV084      Acquired: 09/17/2021 14:01:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV084      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.215822 | 5.224200 | 5.023565 |
| Stddev | .014156  | .013091  | .010826  |
| %RSD   | .2714122 | .2505850 | .2155048 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.219241 | 5.225169 | 5.015059 |
| #2 | 5.227956 | 5.236780 | 5.035752 |
| #3 | 5.200270 | 5.210652 | 5.019886 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1377.790 | 26831.00 | 6011.022 | 742.8713 | 1663.026 |
| Stddev    | 3.014    | 63.32    | 9.772    | 3.6595   | .895     |
| %RSD      | .2187513 | .2360043 | .1625635 | .4926140 | .0538140 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1374.408 | 26812.86 | 6021.032 | 738.9111 | 1664.027 |
| #2 | 1380.193 | 26778.72 | 6001.508 | 746.1279 | 1662.303 |
| #3 | 1378.768 | 26901.41 | 6010.526 | 743.5748 | 1662.748 |

Sample Name: CCB084      Acquired: 09/17/2021 14:05:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001311 | -.002297 | -.001440 | -.000081 | -.001651 | -.003497 |
| Stddev | .004488  | .004619  | .001957  | .001590  | .002947  | .006310  |
| %RSD   | 342.2903 | 201.0825 | 135.8886 | 1963.012 | 178.4874 | 180.4536 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .003456  | -.003950 | .000622  | -.000319 | -.003279 | .000964  |
| #2 | -.005454 | .002921  | -.003272 | .001614  | .001751  | -.000738 |
| #3 | -.001935 | -.005862 | -.001672 | -.001538 | -.003426 | -.010717 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004842 | .0000147 | .0000849 | .0042703 | .0008348 | -.000119 |
| Stddev | .001162  | .0001164 | .0000766 | .0074616 | .0004900 | .000276  |
| %RSD   | 23.99200 | 794.0049 | 90.21508 | 174.7336 | 58.69537 | 231.9820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003625 | -.000119 | .0000028 | -.003715 | .0003857 | .000036  |
| #2 | -.004964 | .000092  | .0001545 | .005460  | .0007614 | -.000437 |
| #3 | -.005939 | .000071  | .0000973 | .011066  | .0013574 | .000045  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004575 | -.008819 | -.000414 | .0371436 | .0000749 | .0001253 |
| Stddev | .0006561 | .011671  | .000385  | .0334827 | .0007782 | .0001639 |
| %RSD   | 143.4234 | 132.3470 | 93.07368 | 90.14401 | 1039.223 | 130.7609 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0010857 | -.014560 | -.000773 | .0659016 | -.000580 | .0001711 |
| #2 | .0005101 | .004611  | -.000461 | .0003855 | -.000130 | -.000057 |
| #3 | -.000223 | -.016507 | -.000007 | .0451436 | .000935  | .000261  |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.202830 | .0002342 | .0003079 | -.537670 | .0060357 | F .0432541 |
| Stddev | .190010  | .0029297 | .0016587 | .039158  | .0022226 | .0007219   |
| %RSD   | 93.67927 | 1250.994 | 538.6176 | 7.282821 | 36.82442 | 1.668959   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.419386 | .0013177 | -.000047 | -.526075 | .0035965 | .0434629 |
| #2 | -.064035 | -.003083 | .002115  | -.581315 | .0079465 | .0424509 |
| #3 | -.125070 | .002468  | -.001145 | -.505619 | .0065642 | .0438486 |

Sample Name: CCB084      Acquired: 09/17/2021 14:05:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB084      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006963 | .0064968 | -.001162 | -.000694 | .0008255 | -.007635 |
| Stddev | .0005879 | .0013609 | .001295  | .000641  | .0010890 | .000517  |
| %RSD   | 84.43389 | 20.94699 | 111.4272 | 92.39013 | 131.9085 | 6.776590 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011668 | .0075151 | -.002428 | -.001318 | .0018437 | -.007062 |
| #2 | .0008847 | .0049512 | -.001220 | -.000727 | -.000323 | -.007778 |
| #3 | .0000373 | .0070241 | .000161  | -.000037 | .000955  | -.008067 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000076 |
| Stddev | .0000400 |
| %RSD   | 522.9624 |

|    |          |
|----|----------|
| #1 | .0000533 |
| #2 | -.000021 |
| #3 | -.000009 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1584.013 | 28953.02 | 6232.488 | 858.7226 | 2028.236 |
| Stddev    | 2.708    | 26.07    | 16.176   | 7.2404   | 2.232    |
| %RSD      | .1709711 | .0900406 | .2595460 | .8431580 | .1100381 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1582.002 | 28930.79 | 6247.216 | 851.5471 | 2029.105 |
| #2 | 1587.092 | 28946.57 | 6235.074 | 858.5943 | 2029.903 |
| #3 | 1582.944 | 28981.72 | 6215.175 | 866.0262 | 2025.701 |

Sample Name: M3713-01LX5      Acquired: 09/17/2021 14:09:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193036 | -.005615 | -.001063 | .0102890 | -.001854 | 27.57324 | .1524740 |
| Stddev | .0016435 | .005726  | .000507  | .0042177 | .000741  | .07731   | .0015605 |
| %RSD   | 8.514202 | 101.9712 | 47.66108 | 40.99221 | 39.96357 | .2803716 | 1.023473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0200960 | -.005348 | -.001295 | .0060742 | -.001196 | 27.52844 | .1506777 |
| #2 | .0174139 | -.011470 | -.001412 | .0102834 | -.002657 | 27.52878 | .1534963 |
| #3 | .0204008 | -.000028 | -.000482 | .0145095 | -.001710 | 27.66251 | .1532478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014384 | -.000436 | 8.379553 | .0360687 | .0262677 | .1019099 | 59.55436 |
| Stddev | .0001395 | .000123  | .039643  | .0011153 | .0001591 | .0019906 | .36881   |
| %RSD   | 9.699738 | 28.27984 | .4730974 | 3.092118 | .6058324 | 1.953321 | .6192814 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014596 | -.000318 | 8.335606 | .0370400 | .0263077 | .1036517 | 59.26114 |
| #2 | .0015662 | -.000564 | 8.390431 | .0363155 | .0260923 | .0997401 | 59.43352 |
| #3 | .0012895 | -.000425 | 8.412622 | .0348508 | .0264029 | .1023379 | 59.96844 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.226470 | 5.048693 | .0235729 | .0030841 | .6330522 | .1271970 | .0879795 |
| Stddev | .004201  | .033724  | .0001229 | .0001011 | .2078494 | .0042576 | .0049384 |
| %RSD   | .3425664 | .6679739 | .5215390 | 3.278935 | 32.83290 | 3.347240 | 5.613122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.230265 | 5.037866 | .0235866 | .0030992 | .5029577 | .1235771 | .0825437 |
| #2 | 1.227190 | 5.086501 | .0234437 | .0029762 | .8727646 | .1261260 | .0892051 |
| #3 | 1.221955 | 5.021713 | .0236885 | .0031767 | .5234342 | .1318878 | .0921897 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.363053 | .7024906 | .0373175 | -.000219 | .2005326 | 2.224807 | .0024836 |
| Stddev | .089132  | .0039367 | .0017147 | .000366  | .0038902 | .008099  | .0031436 |
| %RSD   | 24.55081 | .5603942 | 4.594928 | 166.9024 | 1.939946 | .3640408 | 126.5740 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.387344 | .7004482 | .0374656 | -.000638 | .1963434 | 2.215640 | .0042047 |
| #2 | -.264293 | .6999948 | .0355335 | -.000062 | .2040313 | 2.230992 | .0043909 |
| #3 | -.437521 | .7070288 | .0389533 | .000042  | .2012232 | 2.227791 | -.001145 |

Sample Name: M3713-01LX5      Acquired: 09/17/2021 14:09:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF03L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3627068 | -.000856 | .0419066 |
| Stddev | .0037203 | .001955  | .0001566 |
| %RSD   | 1.025697 | 228.3419 | .3736807 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3597455 | -.002906 | .0419474 |
| #2 | .3614923 | -.000649 | .0420388 |
| #3 | .3668825 | .000987  | .0417336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1606.470 | 29516.99 | 6371.857 | 876.4662 | 2045.096 |
| Stddev    | 3.731    | 43.12    | 7.217    | 2.4214   | 3.125    |
| %RSD      | .2322331 | .1460762 | .1132629 | .2762719 | .1528253 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1602.525 | 29531.11 | 6375.978 | 876.5248 | 2042.072 |
| #2 | 1606.943 | 29551.28 | 6376.068 | 878.8578 | 2044.902 |
| #3 | 1609.941 | 29468.59 | 6363.524 | 874.0160 | 2048.314 |

Sample Name: M3713-04      Acquired: 09/17/2021 14:13:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1572393 | -.034061 | .0132785 | .0733591 | .0025735 | 162.6987 | .9960839 |
| Stddev | .0036461 | .009875  | .0047108 | .0054344 | .0042163 | .3310    | .0035578 |
| %RSD   | 2.318813 | 28.99268 | 35.47723 | 7.407900 | 163.8367 | .2034703 | .3571792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1614492 | -.023280 | .0103100 | .0763788 | -.002085 | 162.9379 | .9980353 |
| #2 | .1550952 | -.036235 | .0187103 | .0766130 | .006128  | 162.3208 | .9982390 |
| #3 | .1551736 | -.042668 | .0108152 | .0670855 | .003678  | 162.8372 | .9919774 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0096104 | -.003042 | 46.52162 | .1572467 | .1614431 | .5827079 | 386.7490 |
| Stddev | .0001138 | .000146  | .16439   | .0005292 | .0006198 | .0018625 | 2.1110   |
| %RSD   | 1.184229 | 4.792671 | .3533715 | .3365294 | .3839343 | .3196215 | .5458230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0097414 | -.003155 | 46.62967 | .1578206 | .1612901 | .5805723 | 388.1334 |
| #2 | .0095356 | -.003093 | 46.60276 | .1567780 | .1621251 | .5839952 | 384.3193 |
| #3 | .0095541 | -.002877 | 46.33243 | .1571415 | .1609141 | .5835562 | 387.7942 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.140248 | 39.87195 | .1561106 | .0189343 | 2.985965 | .8259215 | .5887247 |
| Stddev | .014082  | .12377   | .0005804 | .0005201 | .412790  | .0063419 | .0030871 |
| %RSD   | .2739480 | .3104301 | .3717611 | 2.746654 | 13.82432 | .7678582 | .5243711 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.125146 | 39.72906 | .1567490 | .0193793 | 3.444073 | .8318568 | .5857377 |
| #2 | 5.153018 | 39.94071 | .1556149 | .0190610 | 2.870921 | .8192391 | .5919030 |
| #3 | 5.142579 | 39.94608 | .1559678 | .0183626 | 2.642902 | .8266685 | .5885334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.257822 | 5.420672 | .0210074 | -.003471 | .6715505 | 13.02178 | .0009147 |
| Stddev | .066937  | .008653  | .0060900 | .001127  | .0068599 | .04116   | .0015937 |
| %RSD   | 2.964680 | .1596234 | 28.98976 | 32.46642 | 1.021499 | .3160651 | 174.2263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.301584 | 5.412287 | .0211179 | -.002174 | .6689387 | 13.06855 | .0022648 |
| #2 | 2.180767 | 5.420160 | .0148629 | -.004211 | .6793326 | 13.00571 | .0013227 |
| #3 | 2.291116 | 5.429569 | .0270414 | -.004028 | .6663801 | 12.99109 | -.000843 |



Sample Name: M3713-04      Acquired: 09/17/2021 14:13:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF04      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.489300 | .0472226 | .2722177 |
| Stddev | .029419  | .0009930 | .0017376 |
| %RSD   | .4533507 | 2.102709 | .6383143 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.516951 | .0465912 | .2717046 |
| #2 | 6.458385 | .0467096 | .2741540 |
| #3 | 6.492563 | .0483672 | .2707944 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1683.875 | 31087.35 | 6773.476 | 919.1519 | 1979.272 |
| Stddev    | 2.416    | 29.20    | 17.954   | 1.3563   | 2.259    |
| %RSD      | .1434805 | .0939252 | .2650603 | .1475577 | .1141510 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1683.673 | 31074.86 | 6760.885 | 920.6363 | 1976.828 |
| #2 | 1686.386 | 31066.49 | 6794.034 | 918.8418 | 1981.285 |
| #3 | 1681.566 | 31120.72 | 6765.508 | 917.9774 | 1979.703 |

Sample Name: M3713-05      Acquired: 09/17/2021 14:17:36      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1141587 | -.029063 | .0109231 | .0597299 | .0052372 | 141.9031 | .9754272 |
| Stddev | .0051692 | .007664  | .0036628 | .0023690 | .0031892 | .5528    | .0015333 |
| %RSD   | 4.528066 | 26.37071 | 33.53285 | 3.966193 | 60.89465 | .3895473 | .1571922 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1195636 | -.022512 | .0151032 | .0608193 | .0081709 | 141.3040 | .9765996 |
| #2 | .1136494 | -.027184 | .0093913 | .0613583 | .0056982 | 142.3933 | .9736921 |
| #3 | .1092630 | -.037491 | .0082748 | .0570122 | .0018427 | 142.0121 | .9759901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095491 | -.003026 | 47.51406 | .1493906 | .1382576 | .5683565 | 365.6036 |
| Stddev | .0001502 | .000162  | .16025   | .0032401 | .0005109 | .0057500 | 3.2710   |
| %RSD   | 1.572925 | 5.369029 | .3372748 | 2.168842 | .3694989 | 1.011682 | .8946903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094375 | -.003013 | 47.69841 | .1478974 | .1377286 | .5695182 | 362.5087 |
| #2 | .0097199 | -.003194 | 47.43577 | .1471664 | .1387481 | .5734369 | 369.0261 |
| #3 | .0094899 | -.002870 | 47.40800 | .1531080 | .1382960 | .5621144 | 365.2760 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.905417 | 29.82466 | .1226819 | .0176288 | 2.907233 | .7310900 | .6080012 |
| Stddev | .009154  | .03345   | .0005272 | .0004620 | .060965  | .0026774 | .0145925 |
| %RSD   | .1866155 | .1121504 | .4297497 | 2.620512 | 2.097016 | .3662185 | 2.400075 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.915938 | 29.84638 | .1230201 | .0173217 | 2.943601 | .7282912 | .6028012 |
| #2 | 4.899269 | 29.84146 | .1229512 | .0181601 | 2.836850 | .7336267 | .5967210 |
| #3 | 4.901046 | 29.78614 | .1220745 | .0174047 | 2.941248 | .7313519 | .6244814 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9961550 | 4.748817 | .0254151 | -.002010 | 1.102189 | 6.719685 | .0072227 |
| Stddev | .1233350 | .033735  | .0085572 | .000636  | .005058  | .034021  | .0033406 |
| %RSD   | 12.38110 | .7103890 | 33.66963 | 31.64682 | .4589027 | .5062861 | 46.25189 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.089074 | 4.713193 | .0178445 | -.002575 | 1.107976 | 6.717500 | .0039995 |
| #2 | 1.043162 | 4.780276 | .0346995 | -.001321 | 1.098612 | 6.754746 | .0069991 |
| #3 | .856229  | 4.752984 | .0237014 | -.002134 | 1.099979 | 6.686809 | .0106695 |

Sample Name: M3713-05      Acquired: 09/17/2021 14:17:36      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF05      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.862775 | .0357968 | .2298707 |
| Stddev | .024819  | .0003047 | .0008115 |
| %RSD   | .6425156 | .8511587 | .3530100 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.835883 | .0356114 | .2304211 |
| #2 | 3.884799 | .0361484 | .2289388 |
| #3 | 3.867644 | .0356305 | .2302522 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1698.628 | 31076.48 | 6778.144 | 923.6578 | 1993.806 |
| Stddev    | 3.136    | 367.26   | 16.460   | 9.0707   | 2.846    |
| %RSD      | .1846459 | 1.181793 | .2428414 | .9820436 | .1427319 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1696.682 | 31232.13 | 6782.757 | 926.8007 | 1996.611 |
| #2 | 1702.246 | 31340.29 | 6759.870 | 930.7391 | 1990.921 |
| #3 | 1696.956 | 30657.03 | 6791.806 | 913.4336 | 1993.886 |

Sample Name: M3713-06      Acquired: 09/17/2021 14:21:37      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020605 | -.036461 | .0133570 | .0445620 | -.000822 | 125.6679 | .6884344 |
| Stddev | .0047637 | .002771  | .0025042 | .0035080 | .007326  | .2940    | .0007116 |
| %RSD   | 231.1957 | 7.600582 | 18.74847 | 7.872250 | 890.7106 | .2339133 | .1033660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014354 | -.033615 | .0162448 | .0438784 | -.008062 | 125.3320 | .6891994 |
| #2 | .0071059 | -.039151 | .0120430 | .0414460 | -.000993 | 125.8782 | .6877921 |
| #3 | -.002360 | -.036617 | .0117833 | .0483615 | .006587  | 125.7936 | .6883118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067659 | -.002163 | 34.35799 | .1445267 | .0865144 | .3826097 | 246.9944 |
| Stddev | .0001684 | .000124  | .05550   | .0005470 | .0003747 | .0030973 | .8244    |
| %RSD   | 2.488757 | 5.717684 | .1615473 | .3785122 | .4331447 | .8095245 | .3337541 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069273 | -.002021 | 34.35259 | .1449785 | .0861152 | .3824223 | 246.0544 |
| #2 | .0067791 | -.002220 | 34.41600 | .1439185 | .0868585 | .3857964 | 247.3348 |
| #3 | .0065913 | -.002247 | 34.30538 | .1446831 | .0865695 | .3796103 | 247.5941 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.361169 | 26.34651 | .1073154 | .0121130 | 1.856179 | .6789008 | .4293873 |
| Stddev | .006646  | .20392   | .0009102 | .0004103 | .166023  | .0017023 | .0035540 |
| %RSD   | .2814512 | .7740018 | .8481367 | 3.387273 | 8.944361 | .2507384 | .8276839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.357305 | 26.12827 | .1077998 | .0122423 | 1.737106 | .6777148 | .4320962 |
| #2 | 2.368843 | 26.53220 | .1062655 | .0116536 | 2.045831 | .6808513 | .4307025 |
| #3 | 2.357360 | 26.37906 | .1078809 | .0124431 | 1.785600 | .6781363 | .4253632 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.468778 | 3.349288 | .0185095 | -.001631 | 1.399747 | 11.08521 | -.001117 |
| Stddev | .021031  | .020016  | .0057901 | .000530  | .005080  | .04723   | .001672  |
| %RSD   | 1.431870 | .5976081 | 31.28189 | 32.52684 | .3629208 | .4260753 | 149.7169 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.491323 | 3.330113 | .0125483 | -.001115 | 1.395735 | 11.13367 | -.000965 |
| #2 | 1.449690 | 3.347702 | .0241119 | -.002174 | 1.398048 | 11.03931 | .000474  |
| #3 | 1.465320 | 3.370050 | .0188682 | -.001603 | 1.405459 | 11.08264 | -.002860 |

Sample Name: M3713-06      Acquired: 09/17/2021 14:21:37      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.628911 | .0308678 | .3197371 |
| Stddev | .024001  | .0012963 | .0001969 |
| %RSD   | .3146017 | 4.199583 | .0615912 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.606160 | .0304567 | .3199607 |
| #2 | 7.653992 | .0323198 | .3196608 |
| #3 | 7.626580 | .0298269 | .3195897 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1673.734 | 30883.95 | 6703.214 | 912.2828 | 2010.376 |
| Stddev    | 2.695    | 123.84   | 24.804   | 3.7461   | 2.263    |
| %RSD      | .1610293 | .4009732 | .3700316 | .4106323 | .1125891 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1675.959 | 30824.34 | 6694.807 | 909.9035 | 2010.125 |
| #2 | 1674.506 | 30801.20 | 6683.705 | 910.3439 | 2012.754 |
| #3 | 1670.737 | 31026.32 | 6731.128 | 916.6010 | 2008.248 |

Sample Name: M3713-07      Acquired: 09/17/2021 14:25:41      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0808545 | -.027296 | .0116954 | .0666417 | .0012975 | 179.5040 | 1.059101 |
| Stddev | .0050317 | .003432  | .0035748 | .0033712 | .0016951 | 2.1143   | .014078  |
| %RSD   | 6.223113 | 12.57359 | 30.56602 | 5.058754 | 130.6452 | 1.177863 | 1.329240 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0866639 | -.030018 | .0093744 | .0650329 | .0025110 | 181.9429 | 1.075350 |
| #2 | .0780249 | -.028430 | .0158120 | .0705159 | -.000639 | 178.1885 | 1.050563 |
| #3 | .0778747 | -.023440 | .0098996 | .0643762 | .002021  | 178.3807 | 1.051391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099745 | -.002943 | 53.20260 | .1795621 | .1589356 | .5761246 | 380.9199 |
| Stddev | .0001713 | .000198  | .73937   | .0022294 | .0012754 | .0068483 | 3.0384   |
| %RSD   | 1.717929 | 6.724733 | 1.389729 | 1.241559 | .8024325 | 1.188690 | .7976567 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101175 | -.003102 | 54.05632 | .1775180 | .1585027 | .5838326 | 384.3905 |
| #2 | .0100213 | -.003004 | 52.78162 | .1819392 | .1579330 | .5738002 | 378.7392 |
| #3 | .0097846 | -.002721 | 52.76985 | .1792290 | .1603710 | .5707410 | 379.6300 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.032929 | 40.81410 | .1481113 | .0184789 | 3.262550 | .8584701 | .5843702 |
| Stddev | .114272  | .62871   | .0013331 | .0002180 | .231900  | .0095056 | .0099416 |
| %RSD   | 1.894132 | 1.540419 | .9000959 | 1.179608 | 7.107925 | 1.107269 | 1.701242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.164875 | 41.53287 | .1486615 | .0182473 | 3.529062 | .8694343 | .5945508 |
| #2 | 5.967734 | 40.54303 | .1465911 | .0185093 | 3.151790 | .8534302 | .5746863 |
| #3 | 5.966177 | 40.36639 | .1490813 | .0186801 | 3.106799 | .8525459 | .5838736 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.288991 | 5.159031 | .0083989 | -.003326 | .5266380 | 14.86831 | .0045953 |
| Stddev | .091533  | .024307  | .0058970 | .000628  | .0021726 | .17027   | .0012486 |
| %RSD   | 3.998843 | .4711636 | 70.21146 | 18.89632 | .4125370 | 1.145211 | 27.17118 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.365415 | 5.184008 | .0083369 | -.002681 | .5275981 | 15.05724 | .0035963 |
| #2 | 2.187551 | 5.135454 | .0025331 | -.003360 | .5241508 | 14.82099 | .0041946 |
| #3 | 2.314007 | 5.157632 | .0143266 | -.003936 | .5281652 | 14.72670 | .0059951 |

Sample Name: M3713-07      Acquired: 09/17/2021 14:25:41      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF08      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.446842 | .0500343 | .2567838 |
| Stddev | .067455  | .0017060 | .0040624 |
| %RSD   | 1.238427 | 3.409652 | 1.582052 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.524680 | .0519578 | .2614594 |
| #2 | 5.405444 | .0494405 | .2541186 |
| #3 | 5.410403 | .0487045 | .2547734 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1683.814 | 31185.00 | 6765.311 | 921.3747 | 1976.125 |
| Stddev    | 3.636    | 35.41    | 83.164   | 3.8123   | 6.317    |
| %RSD      | .2159295 | .1135610 | 1.229277 | .4137647 | .3196799 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1686.341 | 31196.27 | 6669.463 | 918.6552 | 1979.840 |
| #2 | 1685.454 | 31145.32 | 6808.117 | 925.7323 | 1979.704 |
| #3 | 1679.647 | 31213.41 | 6818.353 | 919.7365 | 1968.831 |

Sample Name: M3713-08      Acquired: 09/17/2021 14:29:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF11      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0997906 | -.021328 | .0162687 | .0461839 | .0025542 | 134.1437 | .8031657 |
| Stddev | .0094401 | .006656  | .0021211 | .0049087 | .0020667 | .6037    | .0003867 |
| %RSD   | 9.459931 | 31.20524 | 13.03764 | 10.62851 | 80.91154 | .4500295 | .0481482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0990738 | -.023573 | .0173939 | .0479397 | .0048150 | 133.6379 | .8030297 |
| #2 | .1095687 | -.026571 | .0138221 | .0406388 | .0020855 | 133.9811 | .8028653 |
| #3 | .0907293 | -.013841 | .0175900 | .0499732 | .0007621 | 134.8120 | .8036020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074157 | -.001939 | 43.97465 | .1502429 | .1171988 | .4333223 | 265.3826 |
| Stddev | .0001240 | .000158  | .07013   | .0006371 | .0003600 | .0036589 | 2.7331   |
| %RSD   | 1.671577 | 8.126605 | .1594709 | .4240667 | .3071654 | .8443747 | 1.029869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074251 | -.001926 | 43.96926 | .1509779 | .1174121 | .4308758 | 263.0889 |
| #2 | .0075347 | -.001788 | 43.90738 | .1498467 | .1167831 | .4315625 | 264.6522 |
| #3 | .0072873 | -.002102 | 44.04732 | .1499042 | .1174011 | .4375285 | 268.4067 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.241894 | 28.88791 | .1107007 | .0131739 | 2.340285 | .6141802 | .4748338 |
| Stddev | .010625  | .14249   | .0015356 | .0004393 | .145876  | .0072421 | .0073589 |
| %RSD   | .2504864 | .4932609 | 1.387143 | 3.334712 | 6.233272 | 1.179145 | 1.549774 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.252731 | 29.01521 | .1123174 | .0129959 | 2.174568 | .6078902 | .4691232 |
| #2 | 4.231494 | 28.91454 | .1105230 | .0128516 | 2.397003 | .6125528 | .4722398 |
| #3 | 4.241456 | 28.73398 | .1092618 | .0136743 | 2.449284 | .6220974 | .4831384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.055879 | 3.877595 | .0246014 | -.001730 | 1.667637 | 10.72739 | .0031177 |
| Stddev | .067333  | .024270  | .0054300 | .001344  | .014977  | .01821   | .0047675 |
| %RSD   | 6.376955 | .6259067 | 22.07183 | 77.68101 | .8981268 | .1697285 | 152.9173 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .988297  | 3.891737 | .0203847 | -.001906 | 1.680276 | 10.71348 | .0076248 |
| #2 | 1.122960 | 3.849571 | .0226912 | -.000307 | 1.651094 | 10.72069 | .0036016 |
| #3 | 1.056380 | 3.891478 | .0307284 | -.002977 | 1.671541 | 10.74800 | -.001873 |



Sample Name: M3713-08      Acquired: 09/17/2021 14:29:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF11      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.115260 | .0305530 | .2931162 |
| Stddev | .013452  | .0008336 | .0011357 |
| %RSD   | .3268916 | 2.728342 | .3874492 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.101039 | .0304950 | .2940148 |
| #2 | 4.116958 | .0297499 | .2934940 |
| #3 | 4.127783 | .0314141 | .2918398 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1684.761 | 31158.59 | 6832.411 | 921.7657 | 1999.040 |
| Stddev    | 2.722    | 74.93    | 29.482   | 5.4842   | 5.762    |
| %RSD      | .1615849 | .2404776 | .4315075 | .5949671 | .2882354 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1681.678 | 31201.73 | 6843.126 | 926.1556 | 1994.019 |
| #2 | 1685.767 | 31201.97 | 6855.037 | 923.5234 | 2005.331 |
| #3 | 1686.836 | 31072.06 | 6799.070 | 915.6181 | 1997.770 |

Sample Name: M3713-09      Acquired: 09/17/2021 14:33:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1548292 | -.038453 | .0164135 | .0808706 | .0082348 | 199.5841 | 1.260852 |
| Stddev | .0020422 | .001717  | .0020390 | .0127136 | .0006921 | .6594    | .004341  |
| %RSD   | 1.318971 | 4.465130 | 12.42274 | 15.72093 | 8.404897 | .3304090 | .3443125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1549280 | -.037483 | .0140701 | .0796998 | .0079338 | 199.4877 | 1.257943 |
| #2 | .1568201 | -.037441 | .0177823 | .0687829 | .0090265 | 198.9782 | 1.258771 |
| #3 | .1527394 | -.040435 | .0173882 | .0941291 | .0077442 | 200.2865 | 1.265842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116545 | -.002711 | 58.97021 | .1823785 | .1865334 | .6459560 | 435.6407 |
| Stddev | .0002941 | .000008  | .09944   | .0006650 | .0002788 | .0045044 | 2.3144   |
| %RSD   | 2.523734 | .2849066 | .1686207 | .3646233 | .1494495 | .6973227 | .5312552 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0113273 | -.002717 | 58.95156 | .1823265 | .1868552 | .6511487 | 435.6539 |
| #2 | .0117395 | -.002714 | 58.88142 | .1817410 | .1863678 | .6436167 | 433.3198 |
| #3 | .0118968 | -.002702 | 59.07765 | .1830679 | .1863771 | .6431026 | 437.9484 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.203563 | 42.49978 | .1692089 | .0213051 | 3.851901 | .9579486 | .7070470 |
| Stddev | .022410  | .10024   | .0006428 | .0002803 | .117438  | .0016565 | .0029367 |
| %RSD   | .3612472 | .2358687 | .3798946 | 1.315440 | 3.048844 | .1729261 | .4153426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.216539 | 42.46750 | .1696926 | .0210706 | 3.833784 | .9561621 | .7053958 |
| #2 | 6.177685 | 42.41965 | .1684794 | .0212292 | 3.977345 | .9582496 | .7053076 |
| #3 | 6.216463 | 42.61218 | .1694546 | .0216155 | 3.744574 | .9594339 | .7104375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.534071 | 7.249009 | -.000473 | -.003019 | .3705038 | 9.806876 | -.005215 |
| Stddev | .071492  | .014357  | .008614  | .000589  | .0125810 | .064782  | .000365  |
| %RSD   | 2.022932 | .1980565 | 1822.290 | 19.51398 | 3.395636 | .6605732 | 6.993952 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.455000 | 7.262192 | -.008358 | -.002871 | .3603251 | 9.877275 | -.005593 |
| #2 | 3.553066 | 7.233712 | -.001782 | -.003669 | .3666168 | 9.749775 | -.004865 |
| #3 | 3.594147 | 7.251122 | .008721  | -.002519 | .3845696 | 9.793579 | -.005187 |

Sample Name: M3713-09      Acquired: 09/17/2021 14:33:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 7.422701 | .0638558 | .3795902 |
| Stddev | .023604  | .0004546 | .0004832 |
| %RSD   | .3180036 | .7119429 | .1273064 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 7.427878 | .0633510 | .3794085 |
| #2 | 7.396937 | .0642329 | .3801379 |
| #3 | 7.443287 | .0639835 | .3792241 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1697.110 | 31570.14 | 6883.916 | 927.3078 | 1963.471 |
| Stddev    | 5.755    | 110.66   | 37.275   | 6.5036   | 3.995    |
| %RSD      | .3391311 | .3505215 | .5414793 | .7013472 | .2034433 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1701.364 | 31654.31 | 6856.630 | 934.7424 | 1967.678 |
| #2 | 1699.405 | 31611.32 | 6926.387 | 922.6731 | 1963.005 |
| #3 | 1690.561 | 31444.79 | 6868.731 | 924.5078 | 1959.729 |

Sample Name: M3713-10      Acquired: 09/17/2021 14:37:48      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0981700 | -.033224 | .0138674 | .0628426 | .0020044 | 151.3333 | .9425261 |
| Stddev | .0050767 | .005761  | .0027319 | .0070669 | .0034870 | .2969    | .0023296 |
| %RSD   | 5.171389 | 17.33914 | 19.69983 | 11.24545 | 173.9656 | .1962102 | .2471671 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1023154 | -.026600 | .0153594 | .0600696 | -.000510 | 151.5564 | .9444978 |
| #2 | .0925077 | -.037065 | .0107145 | .0708755 | .000538  | 151.4472 | .9431250 |
| #3 | .0996868 | -.036007 | .0155284 | .0575827 | .005985  | 150.9963 | .9399555 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086206 | -.001783 | 44.08992 | .1680362 | .1362977 | .5042686 | 323.2875 |
| Stddev | .0002385 | .000132  | .08037   | .0011750 | .0005221 | .0022072 | 1.4903   |
| %RSD   | 2.766378 | 7.379184 | .1822882 | .6992374 | .3830930 | .4376989 | .4609931 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087261 | -.001654 | 44.02359 | .1673218 | .1361480 | .5059468 | 324.3763 |
| #2 | .0087882 | -.001778 | 44.06688 | .1693922 | .1358667 | .5017683 | 323.8973 |
| #3 | .0083476 | -.001917 | 44.17930 | .1673944 | .1368783 | .5050906 | 321.5890 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.320757 | 31.41012 | .1303002 | .0164058 | 2.518916 | .7594659 | .5563005 |
| Stddev | .005844  | .15850   | .0008206 | .0005693 | .135722  | .0059497 | .0137664 |
| %RSD   | .1352496 | .5046271 | .6297751 | 3.469977 | 5.388116 | .7834087 | 2.474631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.314119 | 31.26043 | .1294122 | .0162726 | 2.362796 | .7639831 | .5595307 |
| #2 | 4.325125 | 31.39376 | .1310305 | .0170299 | 2.585123 | .7616901 | .5681645 |
| #3 | 4.323028 | 31.57617 | .1304578 | .0159150 | 2.608828 | .7527245 | .5412062 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.308623 | 4.236730 | .0231289 | -.003086 | 1.249715 | 13.17192 | .0030648 |
| Stddev | .039251  | .019269  | .0056404 | .001406  | .007997  | .04248   | .0020207 |
| %RSD   | 2.999377 | .4548171 | 24.38693 | 45.54893 | .6398836 | .3225051 | 65.93183 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.281270 | 4.236037 | .0255563 | -.004058 | 1.258570 | 13.19387 | .0042125 |
| #2 | 1.353596 | 4.217816 | .0271492 | -.003726 | 1.247557 | 13.12296 | .0007316 |
| #3 | 1.291003 | 4.256336 | .0166811 | -.001474 | 1.243019 | 13.19894 | .0042503 |

Sample Name: M3713-10      Acquired: 09/17/2021 14:37:48      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF13      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.559018 | .0366460 | .3128423 |
| Stddev | .008800  | .0008486 | .0004041 |
| %RSD   | .1930333 | 2.315743 | .1291635 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.568109 | .0364503 | .3124164 |
| #2 | 4.558405 | .0375754 | .3128902 |
| #3 | 4.550540 | .0359123 | .3132202 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1680.791 | 31288.51 | 6874.725 | 924.2450 | 1989.028 |
| Stddev    | 2.437    | 38.48    | 4.382    | 2.7129   | 4.432    |
| %RSD      | .1449770 | .1229700 | .0637396 | .2935259 | .2228172 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1683.162 | 31324.04 | 6876.797 | 927.3278 | 1989.871 |
| #2 | 1680.916 | 31247.65 | 6877.686 | 923.1856 | 1992.978 |
| #3 | 1678.294 | 31293.86 | 6869.691 | 922.2217 | 1984.235 |

Sample Name: M3713-11      Acquired: 09/17/2021 14:41:50      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF14      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0752249 | -.022216 | .0147395 | .0456234 | .0012137 | 116.6956 | .7692501 |
| Stddev | .0041611 | .001474  | .0025092 | .0024205 | .0054422 | .8693    | .0045672 |
| %RSD   | 5.531551 | 6.633527 | 17.02390 | 5.305476 | 448.4093 | .7449182 | .5937186 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0751965 | -.023903 | .0123089 | .0434727 | .0040028 | 117.6320 | .7742900 |
| #2 | .0794001 | -.021176 | .0145890 | .0482447 | -.005058 | 115.9143 | .7653854 |
| #3 | .0710781 | -.021570 | .0173205 | .0451528 | .004696  | 116.5405 | .7680748 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072519 | -.001555 | 41.79173 | .1429629 | .1135547 | .4410195 | 263.5104 |
| Stddev | .0001992 | .000177  | .18127   | .0004856 | .0001262 | .0030868 | 2.7506   |
| %RSD   | 2.746438 | 11.36722 | .4337491 | .3396865 | .1111179 | .6999243 | 1.043825 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074492 | -.001462 | 42.00015 | .1431301 | .1136466 | .4441968 | 266.4771 |
| #2 | .0072556 | -.001444 | 41.67077 | .1433429 | .1136066 | .4380319 | 261.0447 |
| #3 | .0070509 | -.001759 | 41.70427 | .1424158 | .1134108 | .4408299 | 263.0095 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.687394 | 26.29880 | .1123221 | .0135497 | 2.340064 | .6388033 | .4653993 |
| Stddev | .017482  | .13689   | .0008795 | .0005566 | .251881  | .0056100 | .0020139 |
| %RSD   | .4740973 | .5205186 | .7830415 | 4.108045 | 10.76384 | .8781977 | .4327281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.706596 | 26.45200 | .1128194 | .0140518 | 2.363102 | .6452721 | .4676839 |
| #2 | 3.672400 | 26.25591 | .1128403 | .0129511 | 2.579634 | .6358648 | .4646327 |
| #3 | 3.683187 | 26.18849 | .1113066 | .0136461 | 2.077455 | .6352730 | .4638812 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8134993 | 4.180831 | .0245011 | -.002102 | 2.171445 | 11.05285 | .0001501 |
| Stddev | .0182703 | .017820  | .0007426 | .000560  | .008015  | .11030   | .0027306 |
| %RSD   | 2.245889 | .4262213 | 3.030927 | 26.64016 | .3691156 | .9979767 | 1819.674 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7944295 | 4.191822 | .0248754 | -.002207 | 2.180528 | 11.17871 | -.002963 |
| #2 | .8152203 | 4.160271 | .0236458 | -.001497 | 2.165364 | 10.97297 | .001274  |
| #3 | .8308483 | 4.190399 | .0249821 | -.002602 | 2.168443 | 11.00687 | .002139  |

Sample Name: M3713-11      Acquired: 09/17/2021 14:41:50      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF14      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.348213 | .0310448 | .2492972 |
| Stddev | .027329  | .0003026 | .0010086 |
| %RSD   | .6285144 | .9746256 | .4045700 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.378017 | .0312783 | .2503445 |
| #2 | 4.324329 | .0307030 | .2483324 |
| #3 | 4.342293 | .0311532 | .2492147 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1699.737 | 31511.01 | 6932.737 | 926.5480 | 1998.896 |
| Stddev    | 10.225   | 60.84    | 43.224   | 5.6094   | 9.749    |
| %RSD      | .6015398 | .1930646 | .6234802 | .6054035 | .4877387 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1688.332 | 31581.19 | 6882.973 | 932.8287 | 1987.640 |
| #2 | 1708.084 | 31473.12 | 6954.301 | 922.0368 | 2004.698 |
| #3 | 1702.793 | 31478.73 | 6960.936 | 924.7785 | 2004.350 |

Sample Name: M3713-12      Acquired: 09/17/2021 14:45:54      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: JCF15      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253049 | -.017188 | .0166020 | .0235178 | -.002292 | 82.63029 | .5132763 |
| Stddev | .0059734 | .001795  | .0029949 | .0042471 | .002348  | .13296   | .0009701 |
| %RSD   | 23.60572 | 10.44330 | 18.03963 | 18.05912 | 102.4326 | .1609077 | .1890021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0275006 | -.017663 | .0149396 | .0274612 | -.000538 | 82.56087 | .5138837 |
| #2 | .0185444 | -.015203 | .0148070 | .0190212 | -.004960 | 82.78360 | .5137877 |
| #3 | .0298697 | -.018698 | .0200594 | .0240711 | -.001380 | 82.54641 | .5121575 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043188 | -.000853 | 29.06585 | .0958794 | .0577401 | .3064961 | 136.2236 |
| Stddev | .0001050 | .000066  | .05079   | .0011243 | .0005611 | .0018813 | .6936    |
| %RSD   | 2.430265 | 7.744193 | .1747282 | 1.172648 | .9718225 | .6137970 | .5091911 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0043102 | -.000929 | 29.00811 | .0971493 | .0573772 | .3061373 | 136.0993 |
| #2 | .0044277 | -.000824 | 29.10362 | .0954784 | .0574568 | .3085309 | 136.9710 |
| #3 | .0042183 | -.000807 | 29.08581 | .0950106 | .0583864 | .3048201 | 135.6006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.238780 | 15.08759 | .0665469 | .0071643 | 1.189395 | .3910008 | .3117235 |
| Stddev | .002933  | .03488   | .0005424 | .0003900 | .118521  | .0025325 | .0088630 |
| %RSD   | .2367892 | .2312142 | .8150519 | 5.443814 | 9.964849 | .6477034 | 2.843221 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.235904 | 15.10425 | .0671664 | .0074170 | 1.238142 | .3936902 | .3124961 |
| #2 | 1.238669 | 15.11103 | .0661575 | .0073607 | 1.275769 | .3906507 | .3024995 |
| #3 | 1.241768 | 15.04750 | .0663168 | .0067151 | 1.054273 | .3886616 | .3201749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.144033 | 2.699307 | .0209048 | -.000976 | 2.989131 | 9.308895 | .0028433 |
| Stddev | .049268  | .007311  | .0015337 | .000897  | .009643  | .038453  | .0013143 |
| %RSD   | 34.20605 | .2708638 | 7.336423 | 91.91806 | .3226095 | .4130733 | 46.22472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.101436 | 2.706987 | .0219290 | -.000195 | 2.980856 | 9.272225 | .0034767 |
| #2 | -.197988 | 2.692430 | .0216438 | -.001956 | 2.999721 | 9.348911 | .0037211 |
| #3 | -.132675 | 2.698505 | .0191415 | -.000776 | 2.986817 | 9.305550 | .0013323 |



Sample Name: M3713-12      Acquired: 09/17/2021 14:45:54      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: JCF15      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.813819 | .0155544 | .2087134 |
| Stddev | .004236  | .0003587 | .0002003 |
| %RSD   | .1505396 | 2.305806 | .0959797 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.809070 | .0151669 | .2088575 |
| #2 | 2.815179 | .0156218 | .2087979 |
| #3 | 2.817207 | .0158746 | .2084846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1692.313 | 31108.50 | 6864.655 | 917.0040 | 2031.977 |
| Stddev    | 3.663    | 45.04    | 19.040   | .7437    | 1.214    |
| %RSD      | .2164489 | .1447890 | .2773578 | .0811050 | .0597267 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1691.828 | 31060.63 | 6882.719 | 917.5613 | 2033.312 |
| #2 | 1696.194 | 31114.84 | 6844.770 | 917.2912 | 2030.940 |
| #3 | 1688.916 | 31150.05 | 6866.477 | 916.1595 | 2031.678 |

Sample Name: M3619-01A      Acquired: 09/17/2021 14:49:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027905 | .0115459 | -.000718 | -.012554 | -.005747 | -.026749 | .0022015 |
| Stddev | .0017756 | .0014273 | .000541  | .000685  | .000621  | .002558  | .0001224 |
| %RSD   | 63.62908 | 12.36199 | 75.34345 | 5.454997 | 10.80413 | 9.563007 | 5.561482 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019350 | .0124929 | -.000095 | -.013344 | -.005085 | -.029702 | .0023363 |
| #2 | .0016047 | .0122406 | -.001062 | -.012134 | -.005839 | -.025246 | .0021710 |
| #3 | .0048318 | .0099043 | -.000998 | -.012184 | -.006316 | -.025297 | .0020971 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003669 | .0000318 | -.022596 | .0007305 | -.000358 | -.004412 | -.012160 |
| Stddev | .0000655 | .0000320 | .004967  | .0001338 | .000068  | .000165  | .004304  |
| %RSD   | 17.86453 | 100.6981 | 21.98063 | 18.32055 | 19.02735 | 3.736794 | 35.39613 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004256 | .0000677 | -.016861 | .0007624 | -.000435 | -.004239 | -.009950 |
| #2 | .0003789 | .0000063 | -.025451 | .0005836 | -.000305 | -.004567 | -.009409 |
| #3 | .0002962 | .0000213 | -.025475 | .0008455 | -.000334 | -.004430 | -.017120 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000935 | .0374018 | .0025980 | .0006757 | -.595141 | .0046312 | .0004544 |
| Stddev | .000116  | .0139329 | .0000943 | .0000546 | .031286  | .0009265 | .0005291 |
| %RSD   | 12.42076 | 37.25207 | 3.628395 | 8.085642 | 5.256842 | 20.00491 | 116.4454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001051 | .0214205 | .0027047 | .0006198 | -.624265 | .0037292 | -.000101 |
| #2 | -.000818 | .0469975 | .0025262 | .0007290 | -.562069 | .0055803 | .000953  |
| #3 | -.000935 | .0437872 | .0025630 | .0006785 | -.599090 | .0045840 | .000511  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -2.04694 | -.003042 | -.007251 | -.000725 | -.009569 | -.007507 | -.003017 |
| Stddev | .01145   | .000216  | .000273  | .000111  | .001547  | .002734  | .000101  |
| %RSD   | .5592760 | 7.100093 | 3.764596 | 15.24132 | 16.16591 | 36.41150 | 3.355993 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -2.03646 | -.003148 | -.007466 | -.000762 | -.009208 | -.004826 | -.003119 |
| #2 | -2.05916 | -.003184 | -.007343 | -.000813 | -.011264 | -.010290 | -.003016 |
| #3 | -2.04519 | -.002793 | -.006944 | -.000601 | -.008234 | -.007406 | -.002917 |

Sample Name: M3619-01A      Acquired: 09/17/2021 14:49:59      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005150 | -.006554 | -.000165 |
| Stddev | .0003447 | .000536  | .000034  |
| %RSD   | 66.92578 | 8.172342 | 20.47355 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001271 | -.006679 | -.000134 |
| #2 | .0006318 | -.007016 | -.000159 |
| #3 | .0007862 | -.005967 | -.000201 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 6248.950 | 105353.6 | 19310.06 | 3349.341 | 7881.335 |
| Stddev    | 34.382   | 1399.9   | 82.08    | 41.462   | 45.837   |
| %RSD      | .5501972 | 1.328786 | .4250403 | 1.237902 | .5815912 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 6222.332 | 104558.3 | 19398.87 | 3325.187 | 7844.096 |
| #2 | 6287.768 | 106970.0 | 19294.30 | 3397.216 | 7932.527 |
| #3 | 6236.751 | 104532.5 | 19237.00 | 3325.620 | 7867.383 |

Sample Name: M3619-01ARE      Acquired: 09/17/2021 14:54:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1767660 | -.000268 | .1628019 | .3151624 | .0073562 | .0821495 |
| Stddev | .0067226 | .003856  | .0024645 | .0024367 | .0051155 | .0032146 |
| %RSD   | 3.803086 | 1441.562 | 1.513819 | .7731590 | 69.53917 | 3.913160 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1834233 | -.004675 | .1610526 | .3163163 | .0116430 | .0852426 |
| #2 | .1699800 | .002486  | .1617326 | .3168079 | .0016935 | .0823804 |
| #3 | .1768947 | .001386  | .1656204 | .3123631 | .0087323 | .0788257 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0194975 | .0001669 | .0000878 | 29.65648 | .3564542 | .0009795 |
| Stddev | .0006126 | .0001325 | .0001410 | .00864   | .0008158 | .0001933 |
| %RSD   | 3.141914 | 79.41754 | 160.6509 | .0291398 | .2288563 | 19.73955 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0191944 | .0000313 | -.000044 | 29.66630 | .3567751 | .0007563 |
| #2 | .0202025 | .0002961 | .000071  | 29.65004 | .3570606 | .0010961 |
| #3 | .0190955 | .0001732 | .000237  | 29.65308 | .3555268 | .0010860 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1981850 | 2.730669 | .0272259 | .8964290 | .0083502 | .0017269 |
| Stddev | .0031605 | .007118  | .0002814 | .0179628 | .0006298 | .0004091 |
| %RSD   | 1.594704 | .2606635 | 1.033554 | 2.003823 | 7.542433 | 23.68698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2012097 | 2.733582 | .0274110 | .9022805 | .0076553 | .0021943 |
| #2 | .1984410 | 2.722557 | .0273646 | .9107365 | .0085119 | .0014340 |
| #3 | .1949044 | 2.735869 | .0269021 | .8762701 | .0088834 | .0015525 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 148.1828 | .0026053 | 8.871093 | 16.49007 | F 15.89833 | 19.87744 |
| Stddev | .3594    | .0027187 | .064956  | .13054   | .08171     | .04478   |
| %RSD   | .2425565 | 104.3527 | .7322188 | .7915975 | .5139379   | .2252909 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 147.7677 | -.000057 | 8.827683 | 16.44616 | 15.82268 | 19.88437 |
| #2 | 148.3869 | .002497  | 8.945769 | 16.38716 | 15.88732 | 19.82960 |
| #3 | 148.3936 | .005377  | 8.839827 | 16.63690 | 15.98498 | 19.91836 |

Sample Name: M3619-01ARE      Acquired: 09/17/2021 14:54:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.251124 | 16.44244 | 3.023457 | .0687975 | .0039384 | .0341610 |
| Stddev | .003328  | .14458   | .003763  | .0053067 | .0004935 | .0002345 |
| %RSD   | .2660337 | .8792926 | .1244516 | 7.713489 | 12.53098 | .6863556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.247884 | 16.28220 | 3.019118 | .0748765 | .0044488 | .0338904 |
| #2 | 1.250955 | 16.48201 | 3.025825 | .0664250 | .0039028 | .0342895 |
| #3 | 1.254534 | 16.56312 | 3.025428 | .0650909 | .0034637 | .0343032 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0141123 |
| Stddev | .0000756 |
| %RSD   | .5355940 |

|    |          |
|----|----------|
| #1 | .0140374 |
| #2 | .0141885 |
| #3 | .0141109 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1506.904 | 29393.96 | 6551.414 | 822.0538 | 2208.694 |
| Stddev    | 4.766    | 80.67    | 17.525   | 1.1575   | 4.084    |
| %RSD      | .3163037 | .2744440 | .2674967 | .1408049 | .1848901 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1512.267 | 29389.56 | 6559.361 | 822.9096 | 2213.381 |
| #2 | 1505.296 | 29476.74 | 6563.558 | 820.7368 | 2206.793 |
| #3 | 1503.150 | 29315.58 | 6531.324 | 822.5150 | 2205.907 |

Sample Name: M3619-01ARE2      Acquired: 09/17/2021 15:04:26      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1854663 | -.004053 | .1793129 | .3360076 | .0113779 | .0781761 |
| Stddev | .0061471 | .000552  | .0036375 | .0011955 | .0019901 | .0040669 |
| %RSD   | 3.314422 | 13.61495 | 2.028601 | .3557825 | 17.49085 | 5.202226 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1891035 | -.004385 | .1834956 | .3360879 | .0113787 | .0805748 |
| #2 | .1783689 | -.004358 | .1775542 | .3347741 | .0093873 | .0804731 |
| #3 | .1889264 | -.003416 | .1768890 | .3371609 | .0133675 | .0734804 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0184054 | .0000947 | -.000118 | 29.29576 | .0248080 | .0009321 |
| Stddev | .0007393 | .0000832 | .000072  | .04506   | .0008040 | .0004391 |
| %RSD   | 4.016458 | 87.87562 | 60.94798 | .1538139 | 3.240974 | 47.10757 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0180642 | .0000536 | -.000189 | 29.24855 | .0240409 | .0009871 |
| #2 | .0192537 | .0001904 | -.000046 | 29.30043 | .0256444 | .0004680 |
| #3 | .0178985 | .0000400 | -.000119 | 29.33831 | .0247388 | .0013410 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5628963 | 2.710586 | .0270743 | .8732654 | .0077726 | .0020661 |
| Stddev | .0025830 | .020071  | .0005718 | .0082175 | .0003261 | .0002835 |
| %RSD   | .4588772 | .7404741 | 2.111986 | .9410096 | 4.196100 | 13.72176 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5630461 | 2.703087 | .0264418 | .8698922 | .0077357 | .0022988 |
| #2 | .5602416 | 2.695344 | .0275546 | .8672713 | .0074664 | .0017503 |
| #3 | .5654011 | 2.733327 | .0272263 | .8826328 | .0081156 | .0021492 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 147.9681 | .0017849 | 8.863248 | 16.33186 | F 15.69370 | 19.81335 |
| Stddev | .6935    | .0008569 | .051595  | .07782   | .06465     | .10362   |
| %RSD   | .4686494 | 48.00911 | .5821185 | .4764927 | .4119561   | .5229921 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 147.3911 | .0014980 | 8.812048 | 16.24631 | 15.61981 | 19.86465 |
| #2 | 147.7758 | .0011082 | 8.915229 | 16.39844 | 15.72146 | 19.88131 |
| #3 | 148.7374 | .0027484 | 8.862467 | 16.35082 | 15.73984 | 19.69408 |

Sample Name: M3619-01ARE2      Acquired: 09/17/2021 15:04:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.244819 | 16.27511 | 2.980276 | .0654787 | .0037123 | .0302898 |
| Stddev | .001684  | .04062   | .010987  | .0043059 | .0008194 | .0007520 |
| %RSD   | .1352516 | .2495692 | .3686725 | 6.576082 | 22.07383 | 2.482592 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.243009 | 16.23290 | 2.990963 | .0699156 | .0035249 | .0311464 |
| #2 | 1.246338 | 16.27852 | 2.980854 | .0652037 | .0046092 | .0299845 |
| #3 | 1.245111 | 16.31392 | 2.969010 | .0613169 | .0030027 | .0297385 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0141470 |
| Stddev | .0000711 |
| %RSD   | .5022378 |

|    |          |
|----|----------|
| #1 | .0142289 |
| #2 | .0141113 |
| #3 | .0141010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1493.914 | 29331.43 | 6563.866 | 818.3383 | 2201.437 |
| Stddev    | 1.950    | 195.70   | 3.779    | .6532    | 2.647    |
| %RSD      | .1305230 | .6672079 | .0575760 | .0798173 | .1202586 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1492.220 | 29385.26 | 6560.375 | 818.5533 | 2199.062 |
| #2 | 1493.476 | 29114.45 | 6563.344 | 817.6047 | 2200.959 |
| #3 | 1496.046 | 29494.58 | 6567.879 | 818.8568 | 2204.291 |

Sample Name: M3619-01ARE3      Acquired: 09/17/2021 15:12:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1640602 | -.002154 | .1978831 | .2946081 | .0056929 | .0719880 |
| Stddev | .0070203 | .005806  | .0016706 | .0015610 | .0029669 | .0113237 |
| %RSD   | 4.279081 | 269.5016 | .8442433 | .5298563 | 52.11496 | 15.72996 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1559539 | .003949  | .1959560 | .2959212 | .0029673 | .0680635 |
| #2 | .1681105 | -.007608 | .1989227 | .2928822 | .0088531 | .0631487 |
| #3 | .1681163 | -.002805 | .1987705 | .2950210 | .0052584 | .0847519 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162582 | .0001777 | -.000057 | 26.46837 | .0227577 | .0006580 |
| Stddev | .0004362 | .0000681 | .000077  | .07678   | .0005012 | .0002104 |
| %RSD   | 2.682661 | 38.29327 | 135.1696 | .2900887 | 2.202456 | 31.97939 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0166294 | .0001330 | .000030  | 26.48572 | .0232696 | .0007272 |
| #2 | .0163674 | .0001441 | -.000083 | 26.38440 | .0227356 | .0004217 |
| #3 | .0157778 | .0002560 | -.000117 | 26.53499 | .0222679 | .0008251 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5104793 | 2.476577 | .0245506 | .8210233 | .0077311 | .0019107 |
| Stddev | .0023366 | .030865  | .0002073 | .0128843 | .0001762 | .0002980 |
| %RSD   | .4577308 | 1.246257 | .8444354 | 1.569299 | 2.279193 | 15.59864 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5129531 | 2.456022 | .0246711 | .8188448 | .0079027 | .0016962 |
| #2 | .5083097 | 2.461639 | .0243112 | .8348579 | .0075506 | .0022510 |
| #3 | .5101750 | 2.512068 | .0246694 | .8093671 | .0077400 | .0017849 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 135.0109 | .0036623 | 7.931063 | 14.82712 | F 14.05037 | 18.31111 |
| Stddev | .2881    | .0049191 | .055381  | .04754   | .07347     | .14612   |
| %RSD   | .2134190 | 134.3182 | .6982734 | .3206576 | .5229130   | .7979908 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 135.3026 | .0087216 | 7.940111 | 14.77528 | 14.04576 | 18.24199 |
| #2 | 135.0039 | -.001103 | 7.981362 | 14.86870 | 13.97931 | 18.21236 |
| #3 | 134.7264 | .003369  | 7.871715 | 14.83738 | 14.12604 | 18.47896 |



Sample Name: M3619-01ARE3      Acquired: 09/17/2021 15:12:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AA1A      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.115832 | 14.90598 | 2.746585 | .0598347 | .0031760 | .0288074 |
| Stddev | .003036  | .07361   | .019211  | .0024239 | .0011363 | .0013640 |
| %RSD   | .2720468 | .4938340 | .6994501 | 4.051059 | 35.77846 | 4.735006 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.112916 | 14.96033 | 2.742534 | .0581266 | .0025134 | .0273176 |
| #2 | 1.118975 | 14.82221 | 2.729723 | .0626090 | .0044881 | .0291094 |
| #3 | 1.115605 | 14.93540 | 2.767499 | .0587685 | .0025265 | .0299951 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0126947 |
| Stddev | .0000464 |
| %RSD   | .3652550 |

|    |          |
|----|----------|
| #1 | .0126706 |
| #2 | .0127482 |
| #3 | .0126654 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1510.537 | 29571.59 | 6494.336 | 831.0890 | 2212.400 |
| Stddev    | 2.818    | 85.72    | 18.714   | 5.1815   | 4.382    |
| %RSD      | .1865486 | .2898589 | .2881603 | .6234598 | .1980687 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1513.738 | 29475.76 | 6486.270 | 828.9439 | 2213.807 |
| #2 | 1509.441 | 29598.04 | 6515.730 | 827.3245 | 2215.906 |
| #3 | 1508.432 | 29640.96 | 6481.007 | 836.9986 | 2207.488 |

Sample Name: CCV085      Acquired: 09/17/2021 15:16:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.037685 | 4.993689 | 24.70105 | 5.161424 | 5.122740 | 403.0482 | 10.04945 |
| Stddev | .034924  | .017421  | .03672   | .012136  | .019819  | .9093    | .03697   |
| %RSD   | .6932522 | .3488505 | .1486628 | .2351257 | .3868810 | .2256176 | .3678686 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.004627 | 4.974249 | 24.65888 | 5.175316 | 5.110343 | 403.6457 | 10.07981 |
| #2 | 5.074215 | 5.007884 | 24.71821 | 5.152887 | 5.112279 | 403.4974 | 10.00828 |
| #3 | 5.034213 | 4.998935 | 24.72604 | 5.156068 | 5.145597 | 402.0017 | 10.06026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5212137 | 2.438199 | 389.4005 | 15.16523 | 2.488085 | 15.31836 | 421.9937 |
| Stddev | .0056159 | .006055  | 1.2973   | .11519   | .005760  | .01855   | 2.2223   |
| %RSD   | 1.077470 | .2483332 | .3331557 | .7595953 | .2315163 | .1210646 | .5266254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5267834 | 2.432412 | 390.4572 | 15.14439 | 2.482820 | 15.33392 | 422.8828 |
| #2 | .5213051 | 2.437694 | 387.9526 | 15.28942 | 2.487197 | 15.32332 | 423.6337 |
| #3 | .5155526 | 2.444491 | 389.7915 | 15.06188 | 2.494238 | 15.29784 | 419.4644 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.34022 | 381.7006 | 2.465350 | 1.253570 | 416.0222 | 2.569748 | 15.04265 |
| Stddev | .06072   | 1.6670   | .006828  | .007797  | 1.1834   | .016095  | .26194   |
| %RSD   | .4234508 | .4367411 | .2769521 | .6219606 | .2844441 | .6263150 | 1.741308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.40846 | 383.2021 | 2.457482 | 1.246114 | 416.3168 | 2.580103 | 14.82568 |
| #2 | 14.29215 | 379.9067 | 2.469720 | 1.261668 | 417.0304 | 2.577935 | 15.33363 |
| #3 | 14.32005 | 381.9930 | 2.468848 | 1.252928 | 414.7194 | 2.551205 | 14.96864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.7212 | 5.236493 | 5.251275 | 5.060343 | 5.342768 | 5.094543 | 5.005456 |
| Stddev | .5481    | .017257  | .049398  | .010325  | .003257  | .047500  | .011713  |
| %RSD   | .3497452 | .3295598 | .9406806 | .2040291 | .0609570 | .9323638 | .2340107 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 157.3479 | 5.217937 | 5.304624 | 5.060506 | 5.343668 | 5.147474 | 4.994190 |
| #2 | 156.4844 | 5.252062 | 5.242081 | 5.049938 | 5.345480 | 5.080523 | 5.017571 |
| #3 | 156.3313 | 5.239479 | 5.207121 | 5.070586 | 5.339156 | 5.055631 | 5.004609 |

Sample Name: CCV085      Acquired: 09/17/2021 15:16:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.151033 | 5.167360 | 4.956823 |
| Stddev | .025405  | .008934  | .013620  |
| %RSD   | .4931960 | .1728841 | .2747729 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.164707 | 5.176341 | 4.972309 |
| #2 | 5.166672 | 5.158475 | 4.951458 |
| #3 | 5.121720 | 5.167263 | 4.946702 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1386.558 | 27090.87 | 5942.690 | 751.3391 | 1686.089 |
| Stddev    | .905     | 242.42   | 30.307   | 8.3799   | 1.001    |
| %RSD      | .0652984 | .8948504 | .5099853 | 1.115324 | .0593907 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1385.663 | 27130.95 | 5908.114 | 759.3767 | 1686.149 |
| #2 | 1387.474 | 26830.91 | 5955.302 | 742.6545 | 1685.059 |
| #3 | 1386.536 | 27310.76 | 5964.654 | 751.9862 | 1687.059 |

Sample Name: CCB085      Acquired: 09/17/2021 15:20:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021304 | -.003879 | .0006305 | -.001355 | .0003144 | -.005202 |
| Stddev | .0020909 | .004771  | .0017764 | .001948  | .0009762 | .006252  |
| %RSD   | 98.14540 | 122.9965 | 281.7430 | 143.7776 | 310.5175 | 120.1766 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0014490 | .001387  | .0005106 | .000719  | -.000781 | -.001157 |
| #2 | .0004652 | -.005111 | .0024638 | -.003145 | .000632  | -.002047 |
| #3 | .0044770 | -.007913 | -.001083 | -.001638 | .001093  | -.012403 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005720 | -.000090 | .0002004 | -.000384 | .0007557 | .0000170 |
| Stddev | .000471  | .000068  | .0000276 | .007215  | .0003041 | .0007004 |
| %RSD   | 8.238677 | 75.07253 | 13.78099 | 1877.451 | 40.24006 | 4115.941 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005405 | -.000120 | .0002289 | .001074  | .0005950 | -.000529 |
| #2 | -.005492 | -.000139 | .0001738 | -.008217 | .0011065 | -.000226 |
| #3 | -.006261 | -.000013 | .0001984 | .005990  | .0005658 | .000807  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014524 | -.010494 | .0004048 | .0244264 | .0001710 | .0006793 |
| Stddev | .0020159 | .006817  | .0001859 | .0119498 | .0005573 | .0002936 |
| %RSD   | 138.7975 | 64.96182 | 45.93849 | 48.92150 | 325.9135 | 43.22898 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0035564 | -.015221 | .0002681 | .0382167 | .0002257 | .0003673 |
| #2 | .0012630 | -.013582 | .0006165 | .0171219 | -.000412 | .0007201 |
| #3 | -.000462 | -.002679 | .0003297 | .0179407 | .000699  | .0009503 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.159437 | .0041621 | .0001574 | -.547252 | .0065208 | F .0539596 |
| Stddev | .217866  | .0035632 | .0021894 | .046015  | .0045826 | .0006864   |
| %RSD   | 136.6472 | 85.60936 | 1390.855 | 8.408411 | 70.27649 | 1.272035   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .068242  | .0082022 | .0024684 | -.503627 | .0042857 | .0546730 |
| #2 | -.365945 | .0028163 | -.001886 | -.595333 | .0117922 | .0539019 |
| #3 | -.180608 | .0014679 | -.000110 | -.542797 | .0034847 | .0533039 |

Sample Name: CCB085      Acquired: 09/17/2021 15:20:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1565)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB085      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007498 | .0107909 | .0015722 | .0009820 | .0011520 | -.005801 |
| Stddev | .0003723 | .0099941 | .0019033 | .0007587 | .0007273 | .000957  |
| %RSD   | 49.65594 | 92.61545 | 121.0602 | 77.26203 | 63.13508 | 16.48928 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0010737 | .0117685 | .0029912 | .0016600 | .0019899 | -.006277 |
| #2 | .0008326 | .0202603 | -.000591 | .0001625 | .0007828 | -.004700 |
| #3 | .0003430 | .0003440 | .002316  | .0011235 | .0006834 | -.006426 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000160 |
| Stddev | .0000505 |
| %RSD   | 314.9652 |

|    |          |
|----|----------|
| #1 | .0000511 |
| #2 | .0000389 |
| #3 | -.000042 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1593.816 | 29324.40 | 6210.553 | 873.2579 | 2054.670 |
| Stddev    | 4.236    | 73.06    | 39.484   | .3561    | 1.866    |
| %RSD      | .2657865 | .2491529 | .6357551 | .0407755 | .0908164 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1589.536 | 29247.85 | 6165.256 | 873.0229 | 2053.049 |
| #2 | 1593.906 | 29331.97 | 6237.687 | 873.0833 | 2054.251 |
| #3 | 1598.007 | 29393.39 | 6228.716 | 873.6676 | 2056.710 |