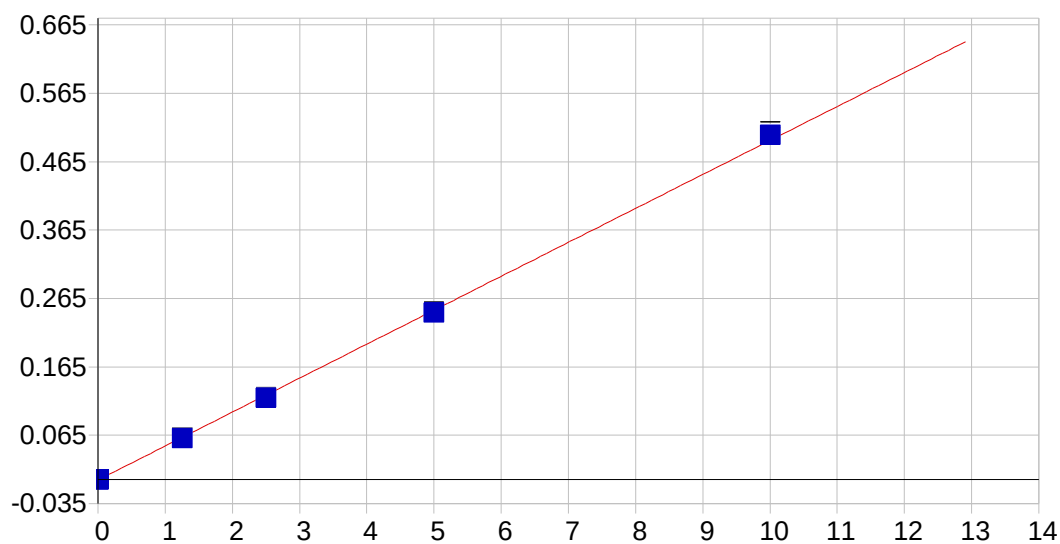


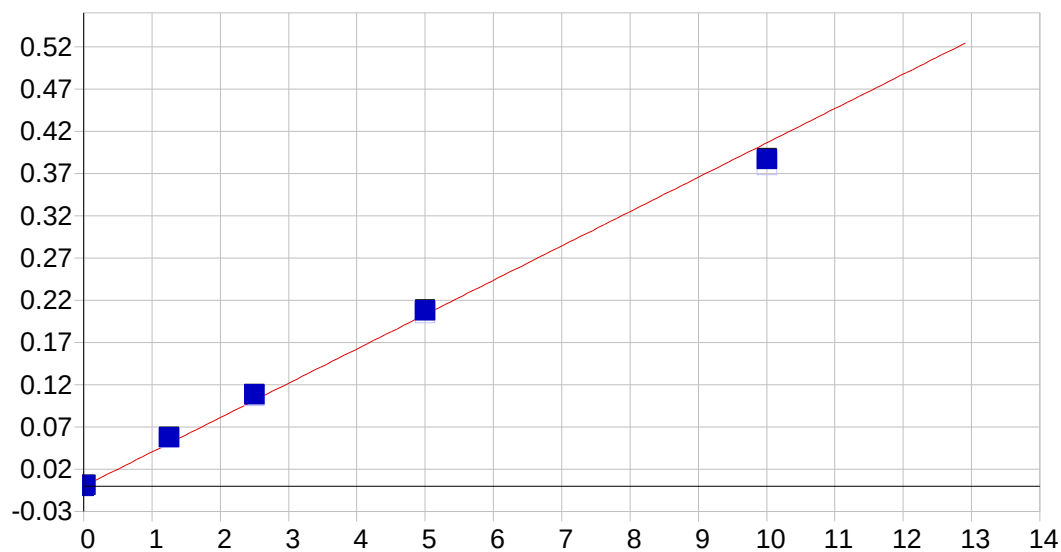


As 189.042 {479}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000371 Re-Slope: 1.000000  
 A1 (Gain): 0.049650 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999836 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.005215  
 Predicted MQL: 0.017383

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00037 | .000    | 1        |
| S1        | .01000       | .01012      | .000       | 1.19    | .00013  | .000    | 1        |
| S2        | 1.2500       | 1.2325      | -.018      | -1.40   | .06091  | .001    | 1        |
| S3        | 2.5000       | 2.4229      | -.077      | -3.08   | .12011  | .000    | 1        |
| S4        | 5.0000       | 4.9324      | -.068      | -1.35   | .24489  | .001    | 1        |
| S5        | 10.000       | 10.162      | .162       | 1.62    | .50492  | .004    | 1        |

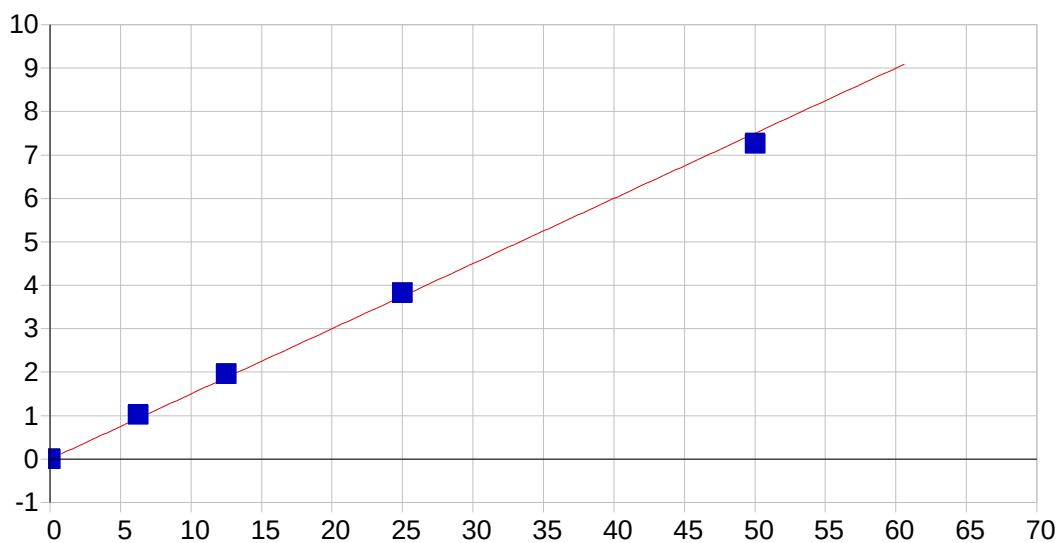


TI 190.856 {477}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000196 Re-Slope: 1.000000  
 A1 (Gain): 0.040631 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998227 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.003046  
 Predicted MQL: 0.010154

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00020 | .000    | 1        |
| S1        | .02500       | .03058      | .006       | 22.3    | .00096  | .000    | 1        |
| S2        | 1.2500       | 1.4293      | .179       | 14.3    | .05696  | .000    | 1        |
| S3        | 2.5000       | 2.6714      | .171       | 6.86    | .10650  | .001    | 1        |
| S4        | 5.0000       | 5.1205      | .120       | 2.41    | .20416  | .001    | 1        |
| S5        | 10.000       | 9.5236      | -.476      | -4.76   | .37937  | .001    | 1        |

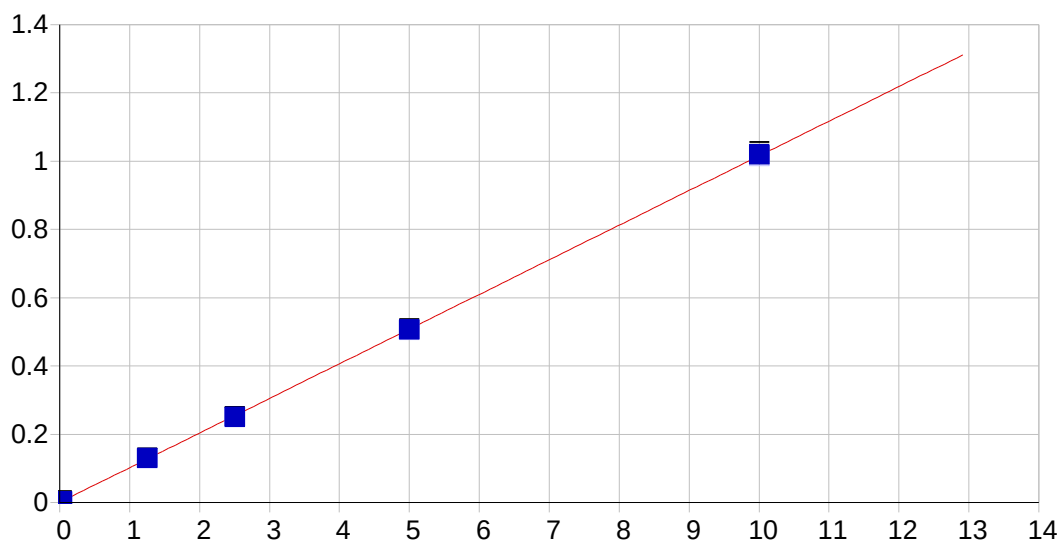


Pb 220.353 {453}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000204 Re-Slope: 1.000000  
 A1 (Gain): 0.150006 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999289 Status: OK.  
 Std Error of Est: 0.000212  
 Predicted MDL: 0.001907  
 Predicted MQL: 0.006358

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00020 | .000    | 1        |
| S1        | .01000       | .01044      | .000       | 4.41    | .00136  | .000    | 1        |
| S2        | 6.2500       | 6.8197      | .570       | 9.11    | 1.0231  | .000    | 1        |
| S3        | 12.500       | 13.028      | .528       | 4.22    | 1.9546  | .008    | 1        |
| S4        | 25.000       | 25.482      | .482       | 1.93    | 3.8233  | .020    | 1        |
| S5        | 50.000       | 48.420      | -1.58      | -3.16   | 7.2653  | .011    | 1        |

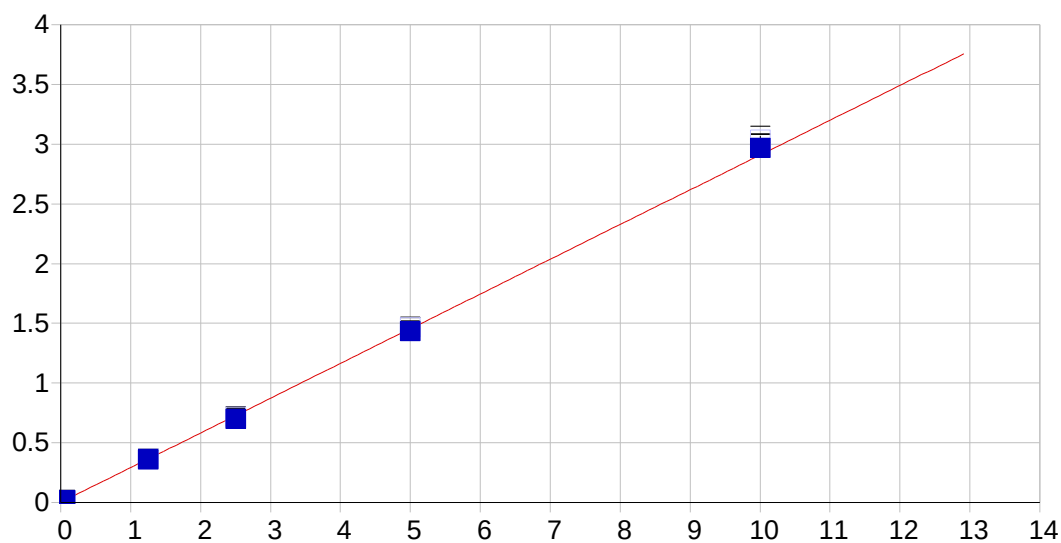


Se 196.090 {472}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000425 Re-Slope: 1.000000  
 A1 (Gain): 0.101525 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.003492  
 Predicted MQL: 0.011641

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00042 | .000    | 1        |
| S1        | .03500       | .03461      | .000       | -1.12   | .00394 | .000    | 1        |
| S2        | 1.2500       | 1.2734      | .023       | 1.87    | .12924 | .001    | 1        |
| S3        | 2.5000       | 2.4663      | -.034      | -1.35   | .24988 | .001    | 1        |
| S4        | 5.0000       | 4.9819      | -.018      | -.362   | .50433 | .004    | 1        |
| S5        | 10.000       | 10.029      | .029       | .287    | 1.0148 | .011    | 1        |

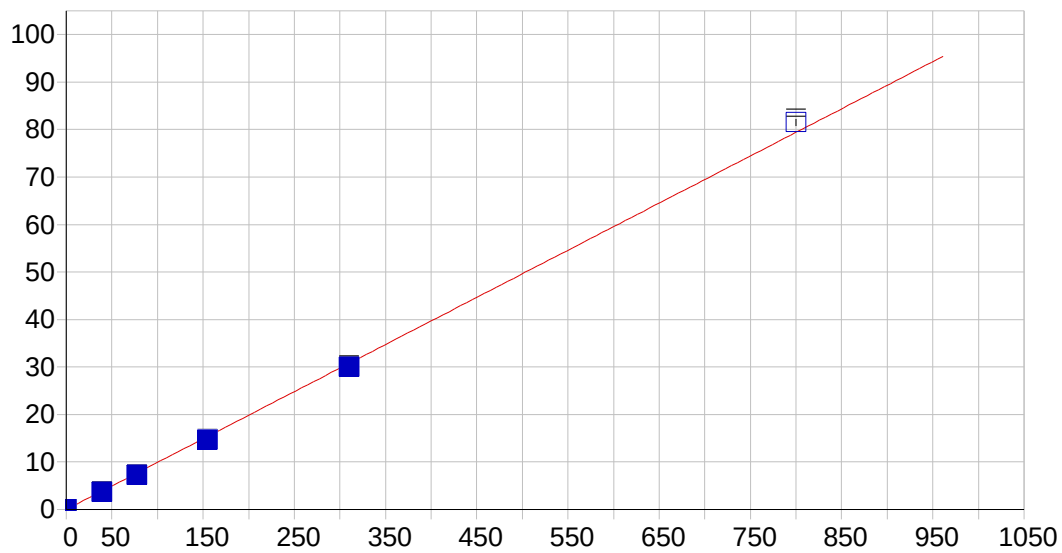


Sb 206.833 {463}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000701 Re-Slope: 1.000000  
 A1 (Gain): 0.290831 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999770 Status: OK.  
 Std Error of Est: 0.000263  
 Predicted MDL: 0.001477  
 Predicted MQL: 0.004922

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00070 | .000    | 1        |
| S1        | .06000       | .05825      | -.002      | -2.92   | .01764 | .000    | 1        |
| S2        | 1.2500       | 1.2287      | -.021      | -1.70   | .36678 | .002    | 1        |
| S3        | 2.5000       | 2.4046      | -.095      | -3.82   | .71751 | .002    | 1        |
| S4        | 5.0000       | 4.9225      | -.078      | -1.55   | 1.4673 | .004    | 1        |
| S5        | 10.000       | 10.196      | .196       | 1.96    | 3.0359 | .034    | 1        |

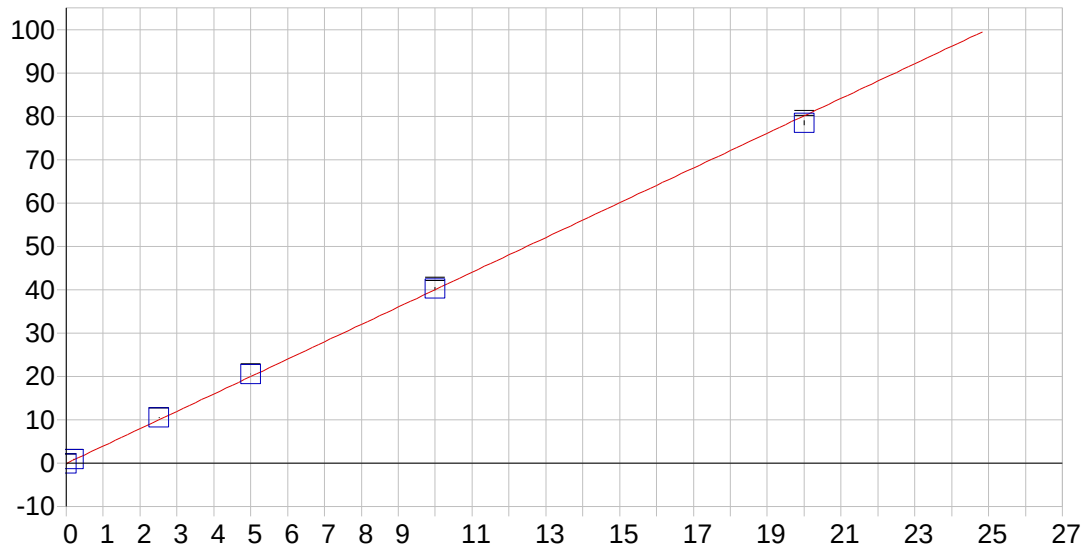


AI 396.152 { 85}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000620 Re-Slope: 1.000000  
 A1 (Gain): 0.099259 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999486 Status: OK.  
 Std Error of Est: 0.001979  
 Predicted MDL: 0.003547  
 Predicted MQL: 0.011823

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00005      | .000       | .000    | .00062 | .000    | 1        |
| S1        | .20000       | .18445      | -.016      | -7.78   | .01896 | .000    | 1        |
| S2        | 38.750       | 36.938      | -1.81      | -4.68   | 3.6716 | .005    | 1        |
| S3        | 77.500       | 72.742      | -4.76      | -6.14   | 7.2301 | .022    | 1        |
| S4        | 155.00       | 148.32      | -6.68      | -4.31   | 14.741 | .036    | 1        |
| S5        | 310.00       | 302.16      | -7.84      | -2.53   | 30.030 | .205    | 1        |
| S6        | 800.00       | 821.13      | 21.1       | 2.64    | 81.504 | .735    | 1        |

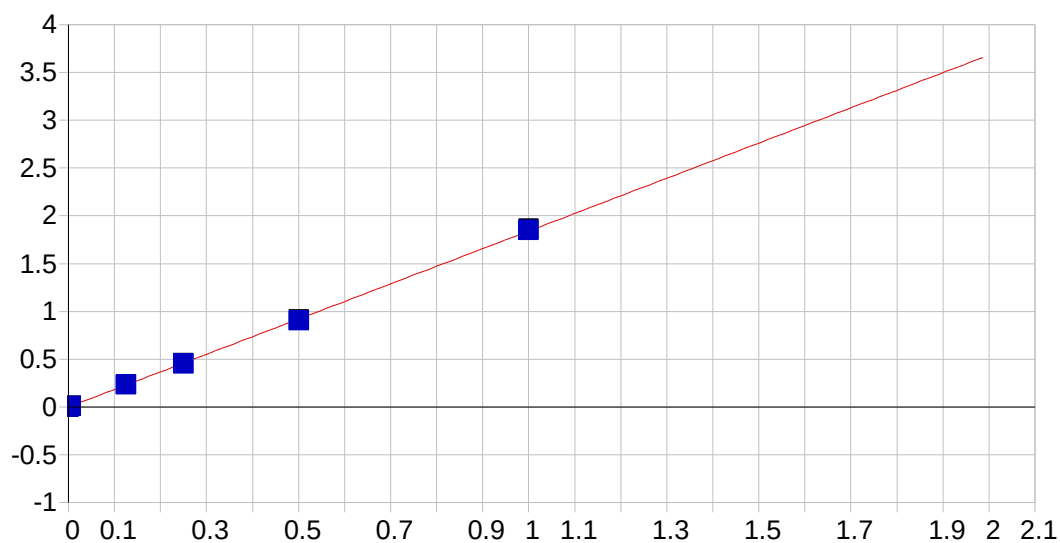


Ba 493.409 { 68}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.076642 Re-Slope: 1.000000  
 A1 (Gain): 4.008561 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999584 Status: OK.  
 Std Error of Est: 0.012290  
 Predicted MDL: 0.000359  
 Predicted MQL: 0.001198

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00006     | .000       | .000    | -.07688 | .001    | 1        |
| S1        | .20000       | .24479      | .045       | 22.4    | .90461  | .002    | 1        |
| S2        | 2.5000       | 2.6474      | .147       | 5.90    | 10.536  | .022    | 1        |
| S3        | 5.0000       | 5.1457      | .146       | 2.91    | 20.550  | .020    | 1        |
| S4        | 10.000       | 10.062      | .062       | .621    | 40.258  | .351    | 1        |
| S5        | 20.000       | 19.600      | -.400      | -2.00   | 78.491  | .524    | 1        |



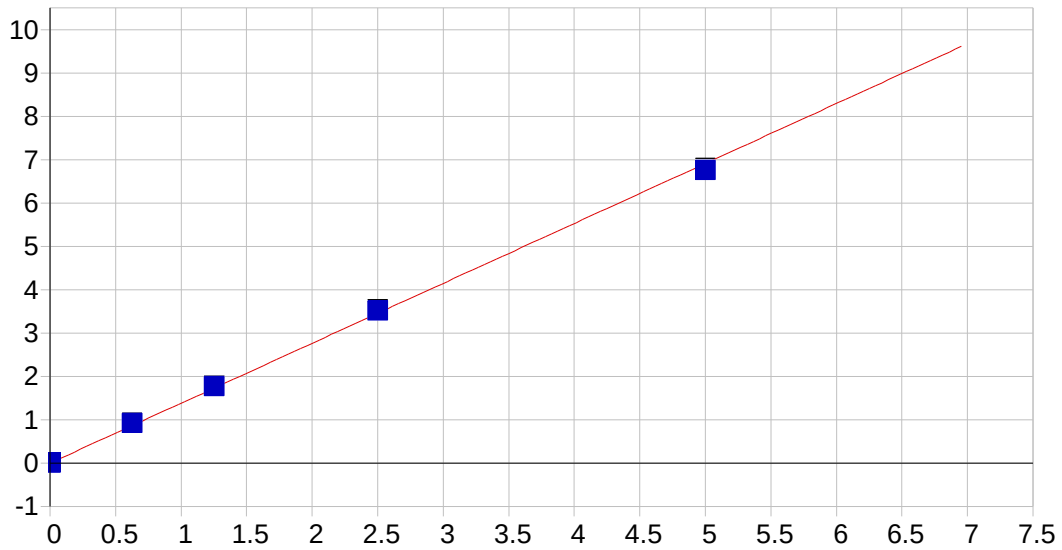
Be 234.861 {144}

Date of Fit: 10/10/2017 17:34:31      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |                    |
|-------------------|-----------|--------------------|
| A0 (Offset):      | -0.001175 | Re-Slope: 1.000000 |
| A1 (Gain):        | 1.841587  | Y-int: 0.000000    |
| A2 (Curvature):   | 0.000000  |                    |
| n (Exponent):     | 1.000000  |                    |
| Correlation:      | 0.999888  | Status: OK.        |
| Std Error of Est: | 0.000103  |                    |
| Predicted MDL:    | 0.000103  |                    |
| Predicted MQL:    | 0.000342  |                    |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00118 | .000    | 1        |
| S1        | .00500       | .00562      | .001       | 12.5    | .00918  | .000    | 1        |
| S2        | .12500       | .12822      | .003       | 2.57    | .23418  | .001    | 1        |
| S3        | .25000       | .24589      | -.004      | -1.64   | .45011  | .005    | 1        |
| S4        | .50000       | .49214      | -.008      | -1.57   | .90206  | .009    | 1        |
| S5        | 1.0000       | 1.0081      | .008       | .812    | 1.8492  | .008    | 1        |



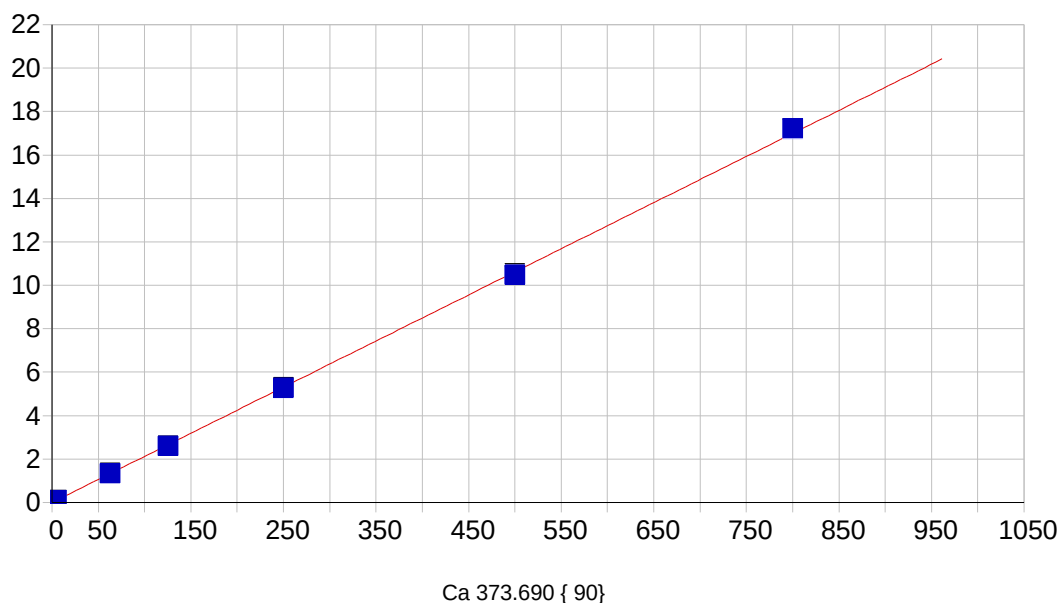


Cd 214.438 {457}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000361 Re-Slope: 1.000000  
 A1 (Gain): 1.382191 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999641 Status: OK.  
 Std Error of Est: 0.000311  
 Predicted MDL: 0.000151  
 Predicted MQL: 0.000503

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00036 | .000    | 1        |
| S1        | .00500       | .00555      | .001       | 11.0    | .00731  | .000    | 1        |
| S2        | .62500       | .66419      | .039       | 6.27    | .91970  | .002    | 1        |
| S3        | 1.2500       | 1.2831      | .033       | 2.65    | 1.7772  | .011    | 1        |
| S4        | 2.5000       | 2.5423      | .042       | 1.69    | 3.5217  | .024    | 1        |
| S5        | 5.0000       | 4.8849      | -.115      | -2.30   | 6.7677  | .037    | 1        |



Date of Fit: 10/10/2017 17:34:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001151

Re-Slope: 1.000000

A1 (Gain): 0.021239

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

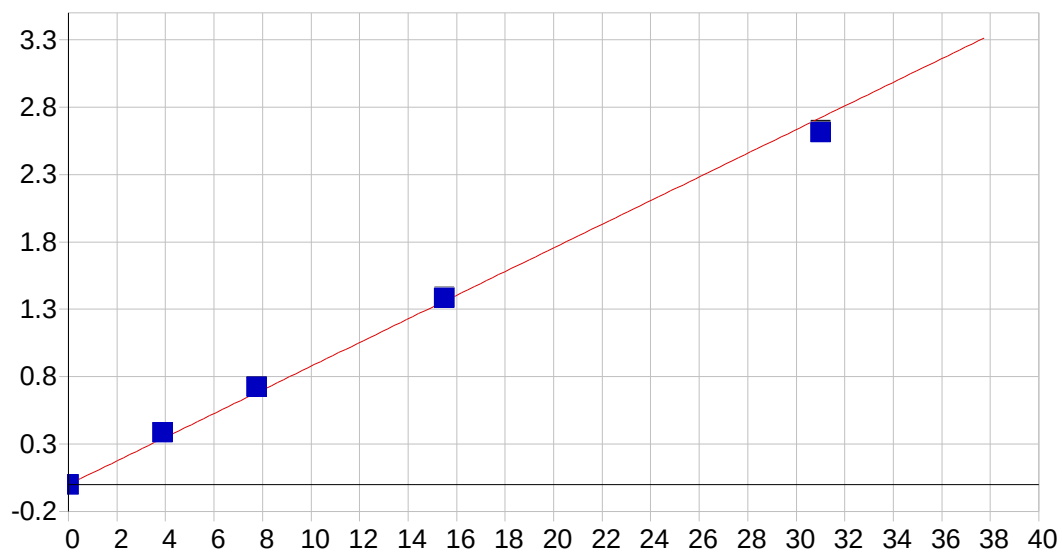
Status: OK.

Std Error of Est: 0.001002

Predicted MDL: 0.011608

Predicted MQL: 0.038695

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00029      | .000       | .000    | .00116 | .000    | 1        |
| S1        | 5.0000       | 4.7975      | -.203      | -4.05   | .10304 | .000    | 1        |
| S2        | 62.500       | 63.192      | .692       | 1.11    | 1.3417 | .008    | 1        |
| S3        | 125.00       | 122.30      | -2.70      | -2.16   | 2.5954 | .008    | 1        |
| S4        | 250.00       | 247.95      | -2.05      | -.818   | 5.2610 | .027    | 1        |
| S5        | 500.00       | 493.54      | -6.46      | -1.29   | 10.471 | .057    | 1        |
| S6        | 800.00       | 810.73      | 10.7       | 1.34    | 17.186 | .011    | 1        |

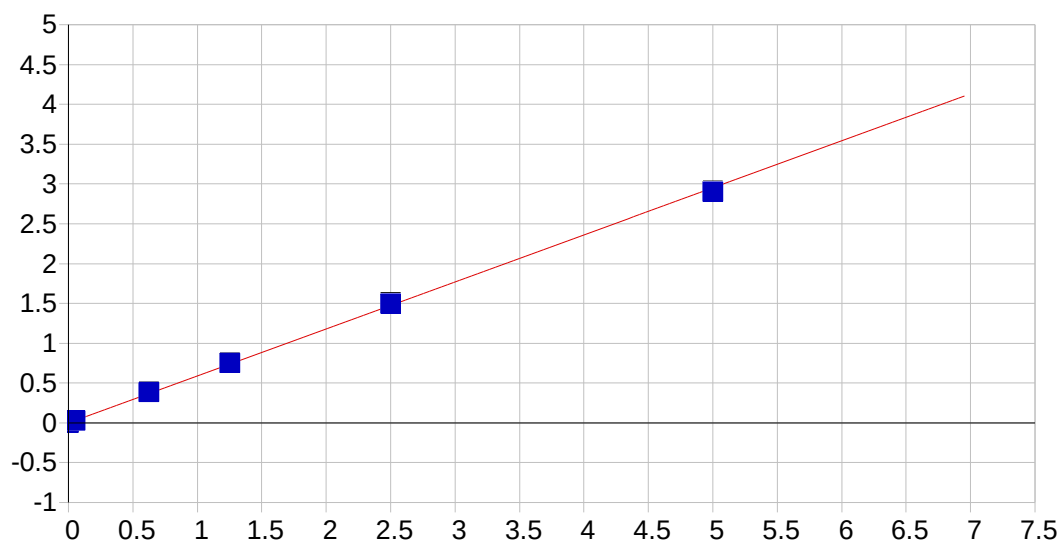


Cr 267.716 {126}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000  
 A1 (Gain): 0.087784 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998686 Status: OK.  
 Std Error of Est: 0.000133  
 Predicted MDL: 0.000602  
 Predicted MQL: 0.002006

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .01226      | .002       | 22.6    | .00111 | .000    | 1        |
| S2        | 3.8750       | 4.3903      | .515       | 13.3    | .38630 | .001    | 1        |
| S3        | 7.7500       | 8.2245      | .475       | 6.12    | .72376 | .003    | 1        |
| S4        | 15.500       | 15.767      | .267       | 1.73    | 1.3877 | .003    | 1        |
| S5        | 31.000       | 29.741      | -1.26      | -4.06   | 2.6178 | .012    | 1        |

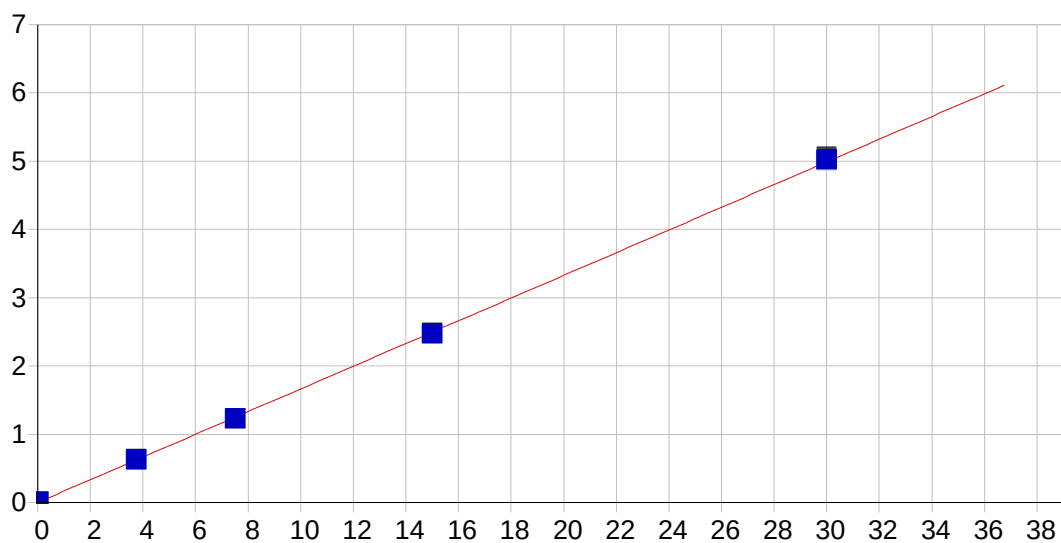


Co 228.616 {448}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000405 Re-Slope: 1.000000  
 A1 (Gain): 0.590208 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999805 Status: OK.  
 Std Error of Est: 0.000310  
 Predicted MDL: 0.000328  
 Predicted MQL: 0.001094

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00041 | .000    | 1        |
| S1        | .05000       | .04869      | -.001      | -2.62   | .02844  | .000    | 1        |
| S2        | .62500       | .65533      | .030       | 4.85    | .38714  | .000    | 1        |
| S3        | 1.2500       | 1.2671      | .017       | 1.37    | .74902  | .003    | 1        |
| S4        | 2.5000       | 2.5372      | .037       | 1.49    | 1.5002  | .010    | 1        |
| S5        | 5.0000       | 4.9166      | -.083      | -1.67   | 2.9076  | .004    | 1        |

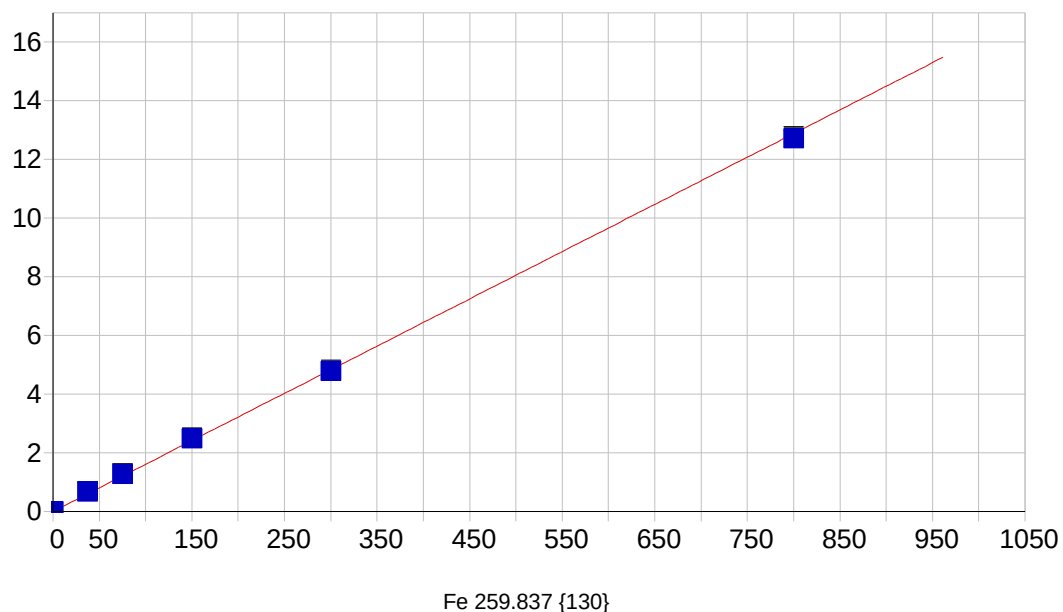


Cu 324.754 {104}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000787 Re-Slope: 1.000000  
 A1 (Gain): 0.166294 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999960 Status: OK.  
 Std Error of Est: 0.000068  
 Predicted MDL: 0.001056  
 Predicted MQL: 0.003521

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00079 | .000    | 1        |
| S1        | .02500       | .02538      | .000       | 1.50    | .00498 | .000    | 1        |
| S2        | 3.7500       | 3.7810      | .031       | .828    | .62777 | .003    | 1        |
| S3        | 7.5000       | 7.3779      | -.122      | -1.63   | 1.2241 | .004    | 1        |
| S4        | 15.000       | 14.889      | -.111      | -.740   | 2.4696 | .006    | 1        |
| S5        | 30.000       | 30.202      | .202       | .672    | 5.0089 | .039    | 1        |



Date of Fit: 10/10/2017 17:34:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000062

Re-Slope: 1.000000

A1 (Gain): 0.016106

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999593

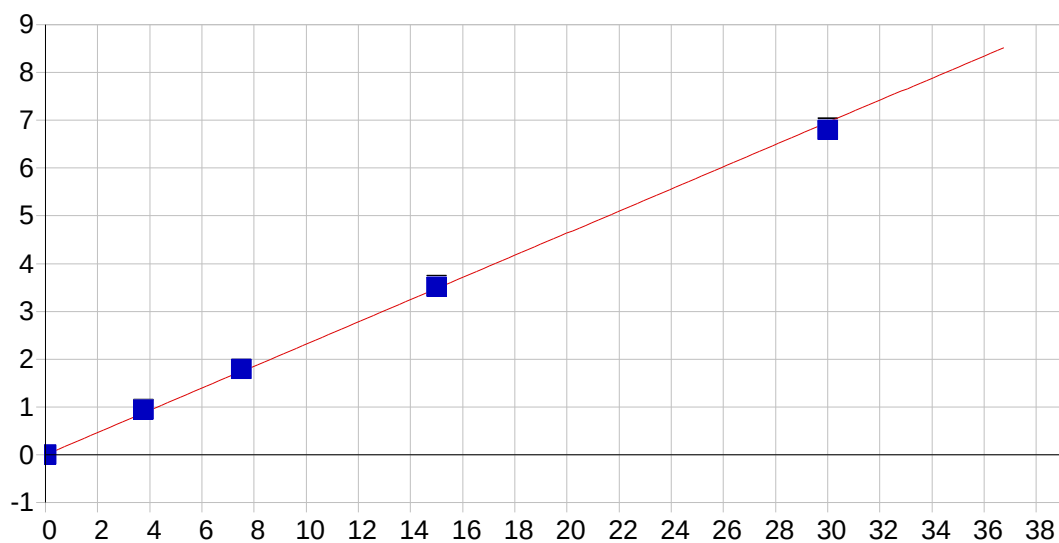
Status: OK.

Std Error of Est: 0.000201

Predicted MDL: 0.007236

Predicted MQL: 0.024120

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | .000       | .000    | .00006 | .000    | 1        |
| S1        | .10000       | .11721      | .017       | 17.2    | .00196 | .000    | 1        |
| S2        | 37.500       | 41.956      | 4.46       | 11.9    | .67654 | .003    | 1        |
| S3        | 75.000       | 79.388      | 4.39       | 5.85    | 1.2801 | .003    | 1        |
| S4        | 150.00       | 154.74      | 4.74       | 3.16    | 2.4953 | .018    | 1        |
| S5        | 300.00       | 297.18      | -2.82      | -.940   | 4.7923 | .029    | 1        |
| S6        | 800.00       | 789.21      | -10.8      | -1.35   | 12.718 | .062    | 1        |

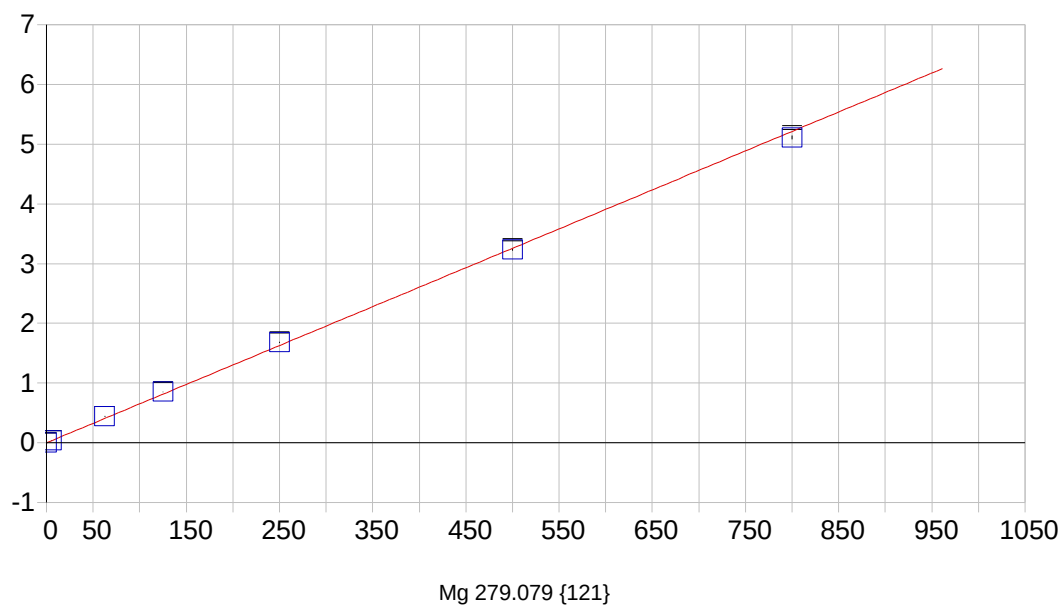


Mn 257.610 {131}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000091 Re-Slope: 1.000000  
 A1 (Gain): 0.231820 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999540 Status: OK.  
 Std Error of Est: 0.000250  
 Predicted MDL: 0.000502  
 Predicted MQL: 0.001673

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .01500       | .01685      | .002       | 12.3    | .00382  | .000    | 1        |
| S2        | 3.7500       | 4.0800      | .330       | 8.80    | .94593  | .005    | 1        |
| S3        | 7.5000       | 7.7018      | .202       | 2.69    | 1.7857  | .008    | 1        |
| S4        | 15.000       | 15.150      | .150       | .999    | 3.5127  | .033    | 1        |
| S5        | 30.000       | 29.316      | -.684      | -2.28   | 6.7976  | .039    | 1        |



Date of Fit: 10/10/2017 17:34:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000122

Re-Slope: 1.000000

A1 (Gain): 0.006514

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999624

Status: OK.

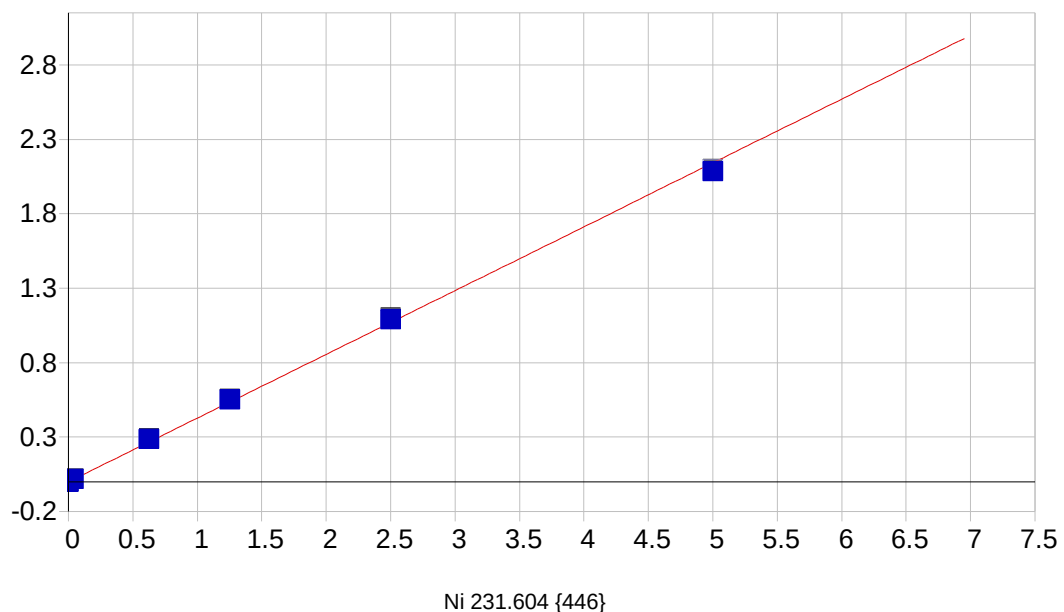
Std Error of Est: 0.000624

Predicted MDL: 0.020543

Predicted MQL: 0.068478

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00087     | -.001      | .000    | -.00013 | .000    | 1        |
| S1        | 5.0000       | 5.2024      | .202       | 4.05    | .03377  | .000    | 1        |
| S2        | 62.500       | 67.595      | 5.10       | 8.15    | .44022  | .001    | 1        |
| S3        | 125.00       | 130.70      | 5.70       | 4.56    | .85128  | .003    | 1        |
| S4        | 250.00       | 258.56      | 8.56       | 3.43    | 1.6843  | .011    | 1        |
| S5        | 500.00       | 496.00      | -4.00      | -.799   | 3.2310  | .017    | 1        |
| S6        | 800.00       | 784.44      | -15.6      | -1.95   | 5.1100  | .034    | 1        |

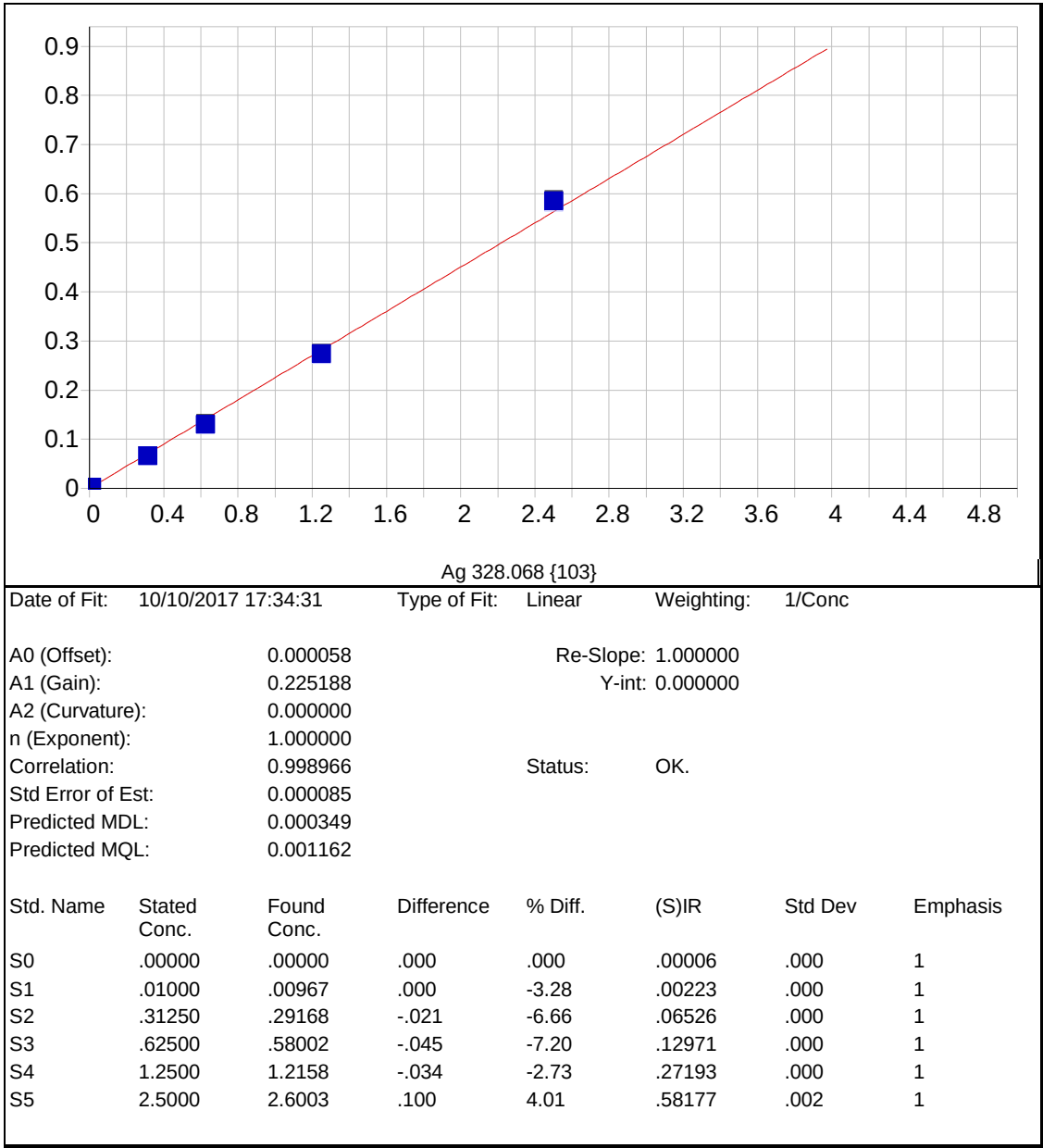


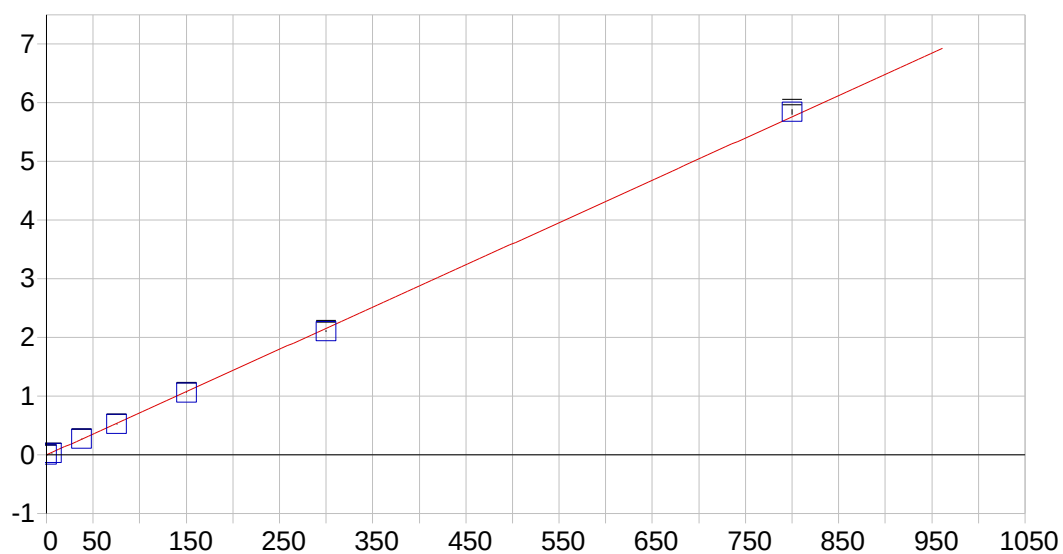


Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000991 Re-Slope: 1.000000  
 A1 (Gain): 0.428462 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999551 Status: OK.  
 Std Error of Est: 0.000307  
 Predicted MDL: 0.000527  
 Predicted MQL: 0.001756

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00099 | .000    | 1        |
| S1        | .04000       | .04117      | .001       | 2.92    | .01667  | .000    | 1        |
| S2        | .62500       | .67082      | .046       | 7.33    | .28784  | .001    | 1        |
| S3        | 1.2500       | 1.2874      | .037       | 2.99    | .55344  | .001    | 1        |
| S4        | 2.5000       | 2.5436      | .044       | 1.75    | 1.0945  | .007    | 1        |
| S5        | 5.0000       | 4.8720      | -.128      | -2.56   | 2.0977  | .002    | 1        |





Na 818.326 { 41}

Date of Fit: 10/10/2017 17:34:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003360

Re-Slope: 1.000000

A1 (Gain): 0.007206

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999842

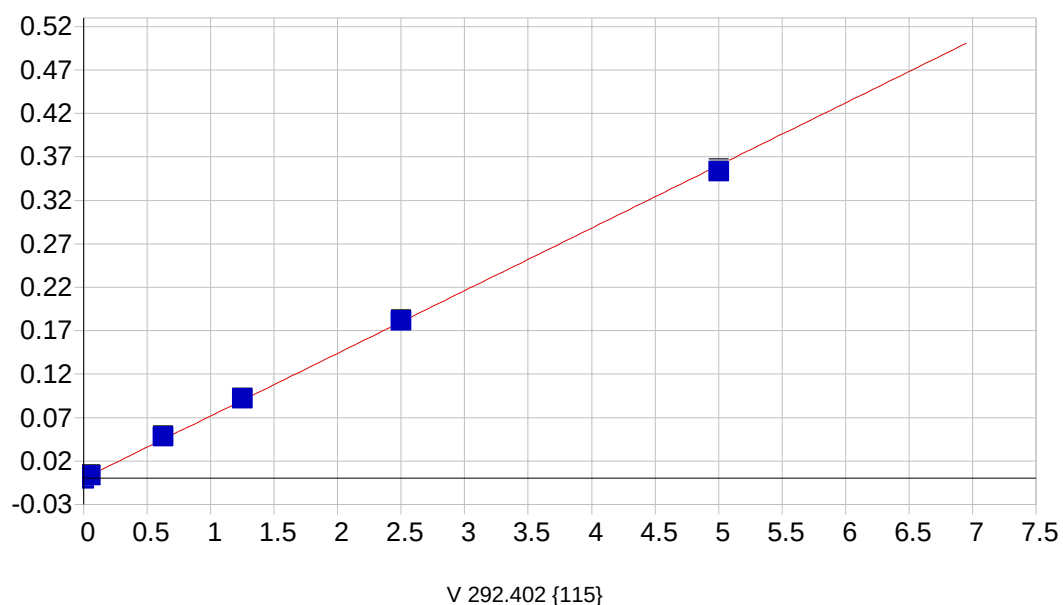
Status: OK.

Std Error of Est: 0.000397

Predicted MDL: 0.091889

Predicted MQL: 0.306295

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00044      | .000       | .000    | -.00336 | .000    | 1        |
| S1        | 5.0000       | 4.7712      | -.229      | -4.58   | .03102  | .000    | 1        |
| S2        | 37.500       | 37.700      | .200       | .533    | .26831  | .001    | 1        |
| S3        | 75.000       | 73.494      | -1.51      | -2.01   | .52624  | .002    | 1        |
| S4        | 150.00       | 147.23      | -2.77      | -1.84   | 1.0576  | .005    | 1        |
| S5        | 300.00       | 292.77      | -7.23      | -2.41   | 2.1064  | .015    | 1        |
| S6        | 800.00       | 811.53      | 11.5       | 1.44    | 5.8446  | .049    | 1        |



Date of Fit: 10/10/2017 17:34:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000143

Re-Slope: 1.000000

A1 (Gain): 0.072062

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999685

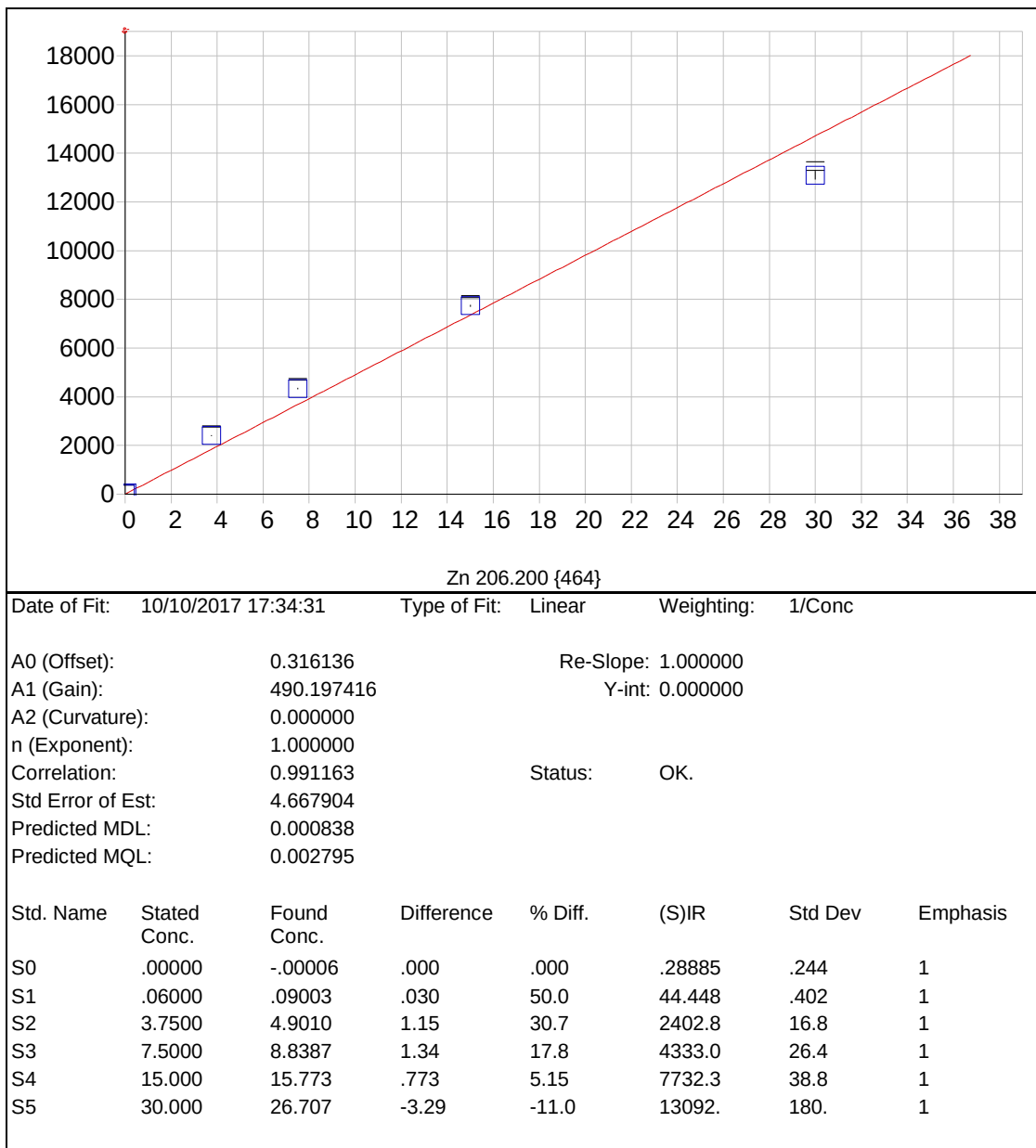
Status: OK.

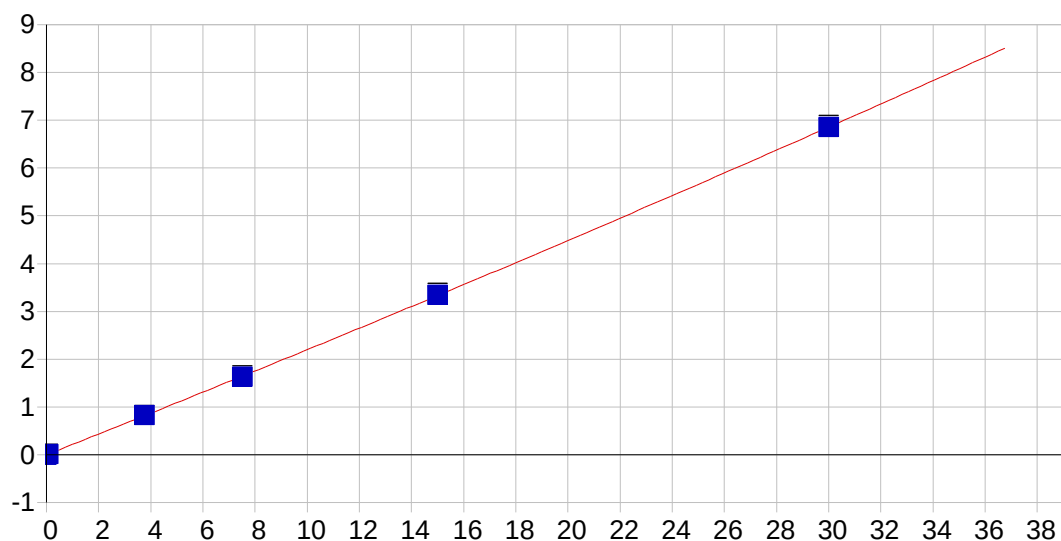
Std Error of Est: 0.000048

Predicted MDL: 0.002114

Predicted MQL: 0.007048

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .05000       | .05300      | .003       | 5.99    | .00369  | .000    | 1        |
| S2        | .62500       | .67127      | .046       | 7.40    | .04842  | .000    | 1        |
| S3        | 1.2500       | 1.2766      | .027       | 2.13    | .09223  | .000    | 1        |
| S4        | 2.5000       | 2.5165      | .016       | .659    | .18195  | .001    | 1        |
| S5        | 5.0000       | 4.9076      | -.092      | -1.85   | .35500  | .002    | 1        |



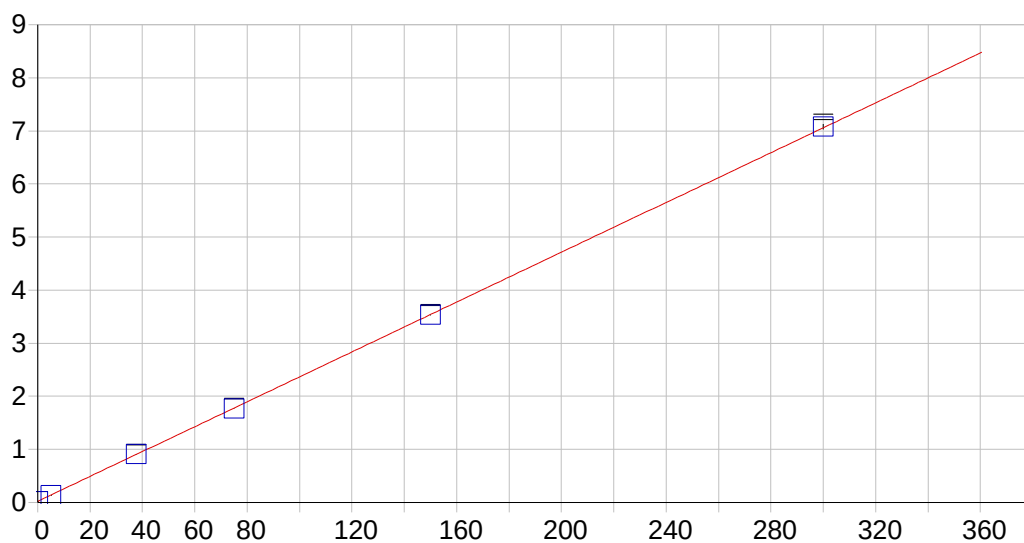


Zn 213.856 {158}

Date of Fit: 10/11/2017 05:40:37      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |          |                                              |
|-------------------|----------|----------------------------------------------|
| A0 (Offset):      | 0.000178 | Re-Slope: 1.000000                           |
| A1 (Gain):        | 0.215466 | Y-int: 0.000000                              |
| A2 (Curvature):   | 0.000435 |                                              |
| n (Exponent):     | 1.000000 |                                              |
| Correlation:      | 0.999990 | Status:      Warning      Positive Curvature |
| Std Error of Est: | 0.000081 |                                              |
| Predicted MDL:    | 0.004172 |                                              |
| Predicted MQL:    | 0.013906 |                                              |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .001    | 1        |
| S1        | .06000       | .05530      | -.005      | -7.83   | .01214 | .000    | 1        |
| S2        | 3.7500       | 3.7801      | .030       | .802    | .82282 | .005    | 1        |
| S3        | 7.5000       | 7.4446      | -.055      | -.738   | 1.6322 | .023    | 1        |
| S4        | 15.000       | 15.039      | .039       | .261    | 3.3468 | .033    | 1        |
| S5        | 30.000       | 29.991      | -.009      | -.031   | 6.8693 | .035    | 1        |

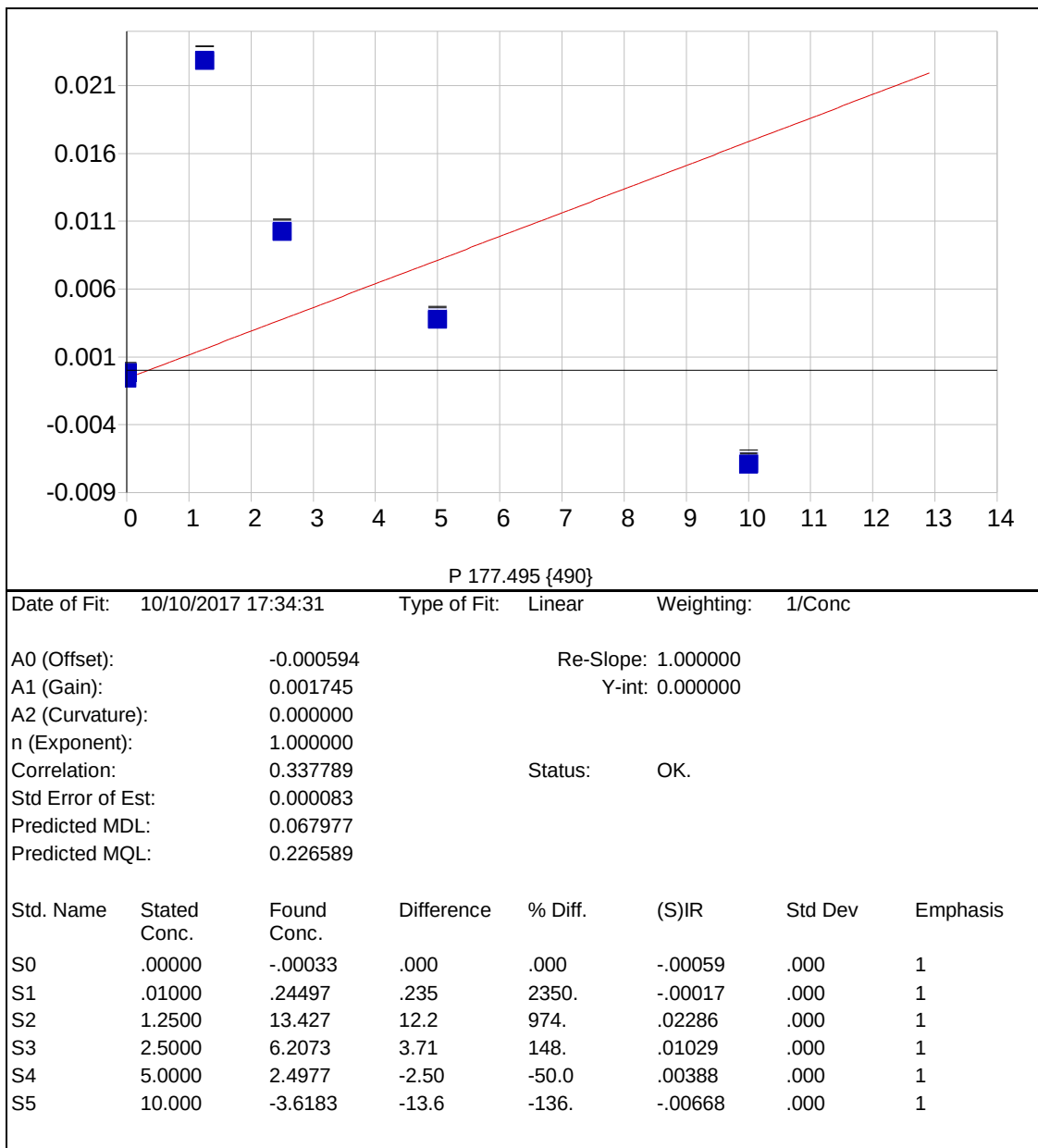


K 769.896 { 44}

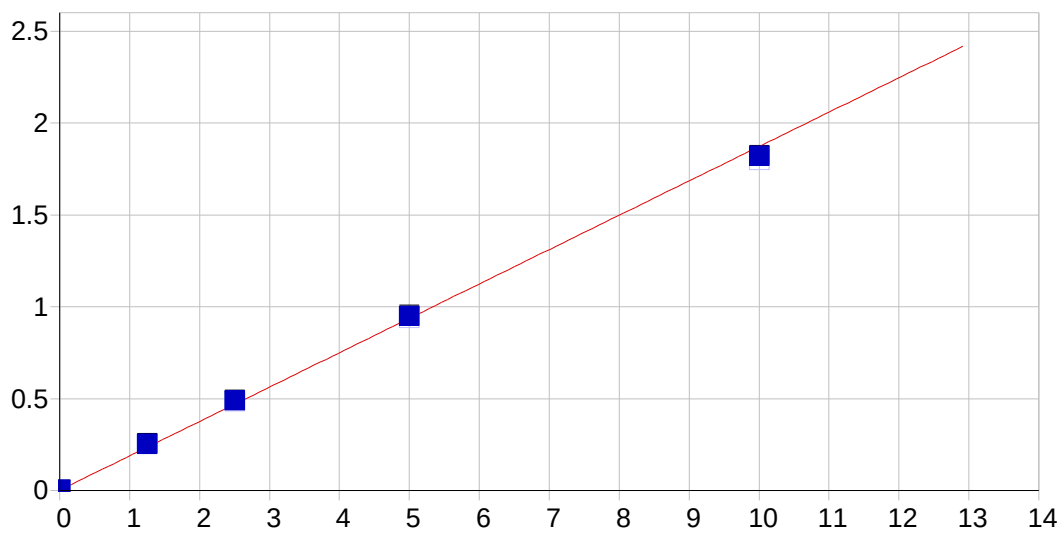
Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021897 Re-Slope: 1.000000  
 A1 (Gain): 0.023457 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999986 Status: OK.  
 Std Error of Est: 0.000253  
 Predicted MDL: 0.023903  
 Predicted MQL: 0.079677

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00021      | .000       | .000    | .02190 | .000    | 1        |
| S1        | 5.0000       | 4.7953      | -.205      | -4.09   | .13438 | .000    | 1        |
| S2        | 37.500       | 37.663      | .163       | .434    | .90535 | .004    | 1        |
| S3        | 75.000       | 74.484      | -.516      | -.688   | 1.7691 | .004    | 1        |
| S4        | 150.00       | 149.72      | -.277      | -.184   | 3.5340 | .015    | 1        |
| S5        | 300.00       | 300.84      | .835       | .278    | 7.0786 | .054    | 1        |





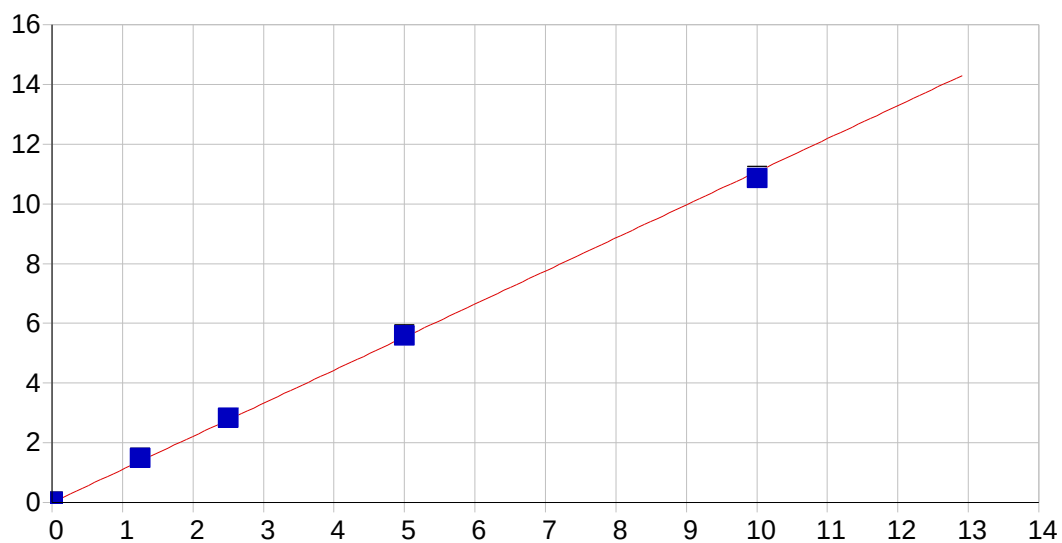


B 249.678 {135}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001749 Re-Slope: 1.000000  
 A1 (Gain): 0.187009 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999424 Status: OK.  
 Std Error of Est: 0.000105  
 Predicted MDL: 0.001066  
 Predicted MQL: 0.003553

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00175 | .000    | 1        |
| S1        | .01000       | .00969      | .000       | -3.10   | .00357 | .000    | 1        |
| S2        | 1.2500       | 1.3542      | .104       | 8.34    | .25207 | .001    | 1        |
| S3        | 2.5000       | 2.6021      | .102       | 4.08    | .48250 | .004    | 1        |
| S4        | 5.0000       | 5.0655      | .066       | 1.31    | .93734 | .007    | 1        |
| S5        | 10.000       | 9.7285      | -.271      | -2.71   | 1.7976 | .003    | 1        |

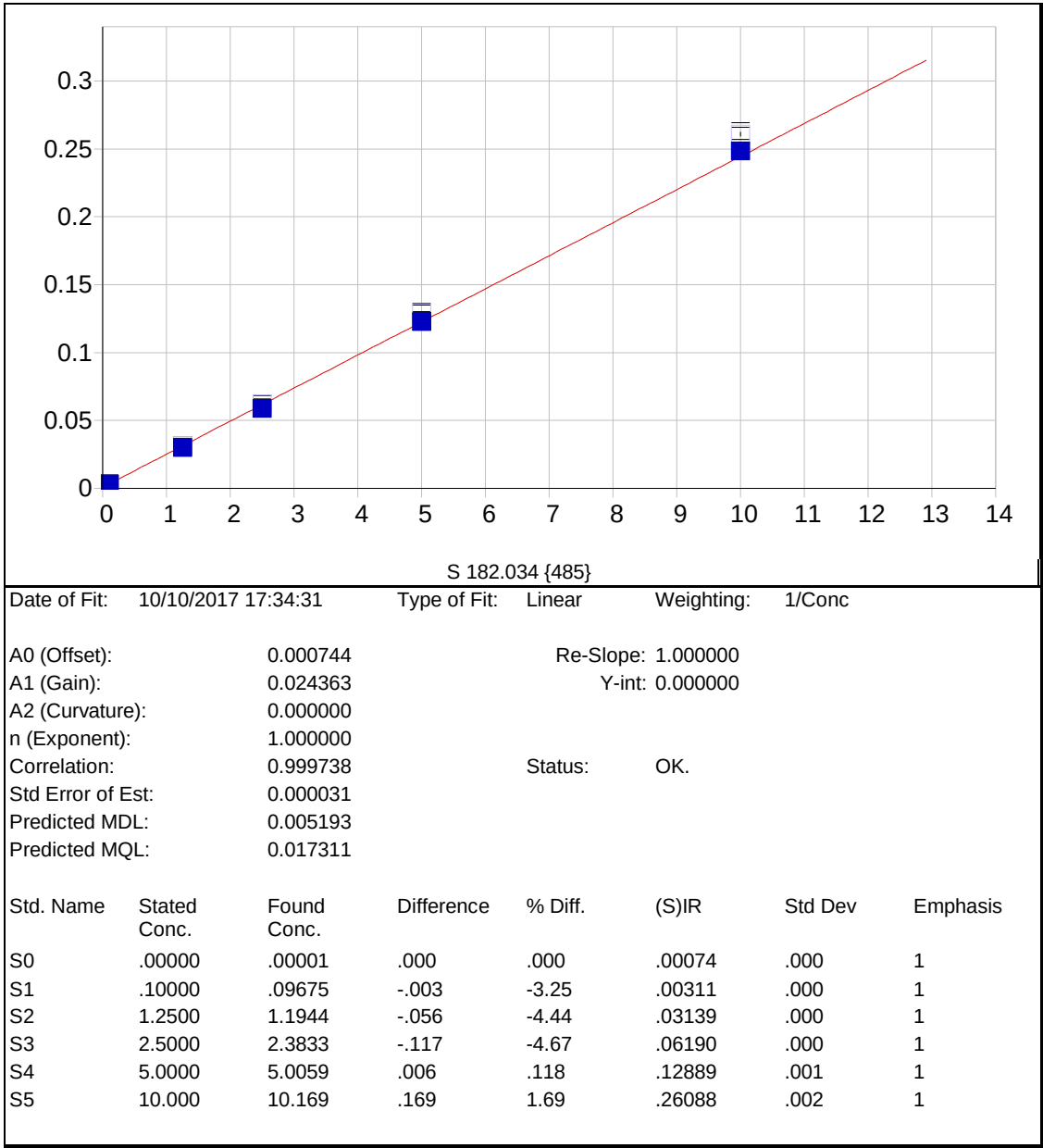


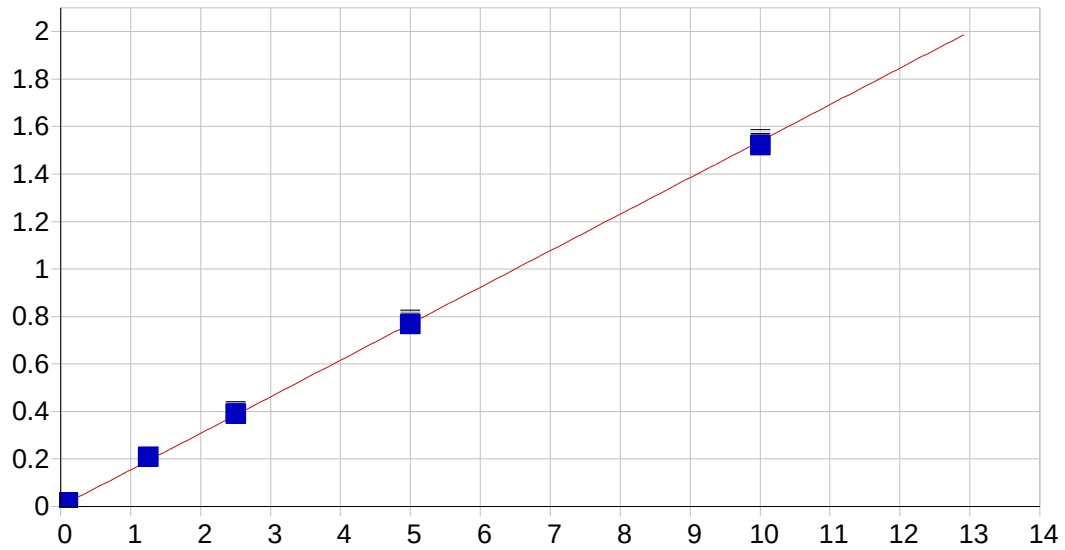
Mo 202.030 {467}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000382 Re-Slope: 1.000000  
 A1 (Gain): 1.107402 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999672 Status: OK.  
 Std Error of Est: 0.000476  
 Predicted MDL: 0.000352  
 Predicted MQL: 0.001175

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00038 | .000    | 1        |
| S1        | .01000       | .01125      | .001       | 12.5    | .01286 | .000    | 1        |
| S2        | 1.2500       | 1.3413      | .091       | 7.31    | 1.4870 | .009    | 1        |
| S3        | 2.5000       | 2.5621      | .062       | 2.49    | 2.8402 | .004    | 1        |
| S4        | 5.0000       | 5.0371      | .037       | .743    | 5.5835 | .031    | 1        |
| S5        | 10.000       | 9.8081      | -.192      | -1.92   | 10.872 | .058    | 1        |



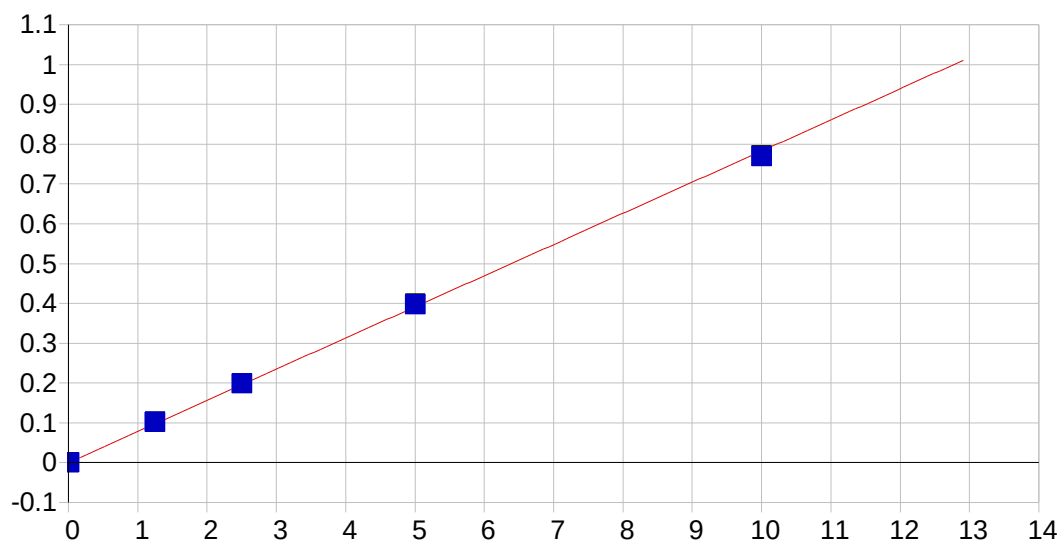


Si 251.611 {134}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000533 Re-Slope: 1.000000  
 A1 (Gain): 0.153808 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999758 Status: OK.  
 Std Error of Est: 0.000182  
 Predicted MDL: 0.001194  
 Predicted MQL: 0.003979

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00053 | .000    | 1        |
| S1        | .10000       | .10067      | .001       | .674    | .01607 | .000    | 1        |
| S2        | 1.2500       | 1.3442      | .094       | 7.53    | .20954 | .001    | 1        |
| S3        | 2.5000       | 2.5405      | .040       | 1.62    | .39581 | .003    | 1        |
| S4        | 5.0000       | 4.9907      | -.009      | -.186   | .77720 | .008    | 1        |
| S5        | 10.000       | 9.8740      | -.126      | -1.26   | 1.5373 | .007    | 1        |

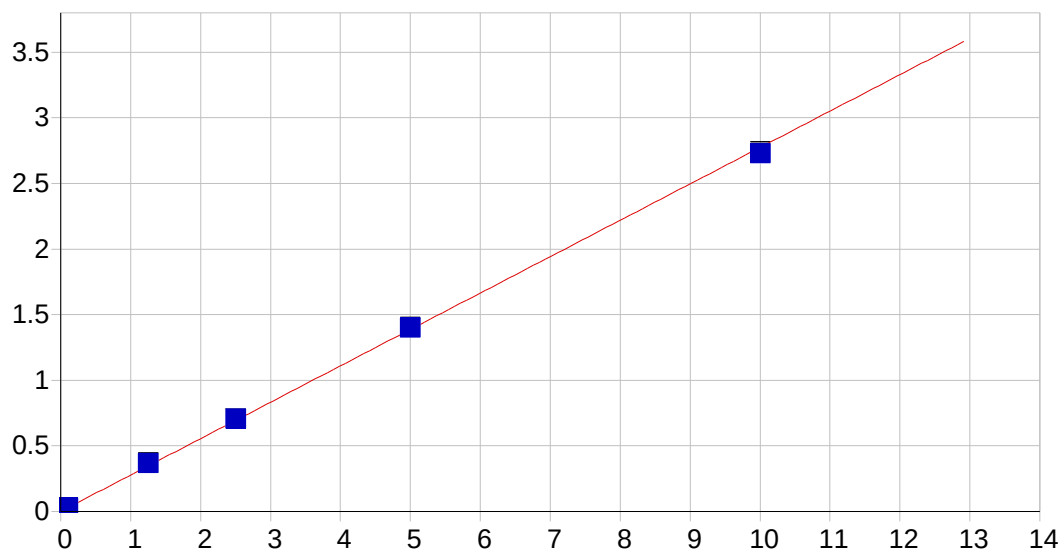


Sn 189.989 {478}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000051 Re-Slope: 1.000000  
 A1 (Gain): 0.078264 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999808 Status: OK.  
 Std Error of Est: 0.000022  
 Predicted MDL: 0.001575  
 Predicted MQL: 0.005251

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00005 | .000    | 1        |
| S1        | .00700       | .00847      | .001       | 20.9    | .00071 | .000    | 1        |
| S2        | 1.2500       | 1.3062      | .056       | 4.50    | .10220 | .000    | 1        |
| S3        | 2.5000       | 2.5349      | .035       | 1.40    | .19829 | .001    | 1        |
| S4        | 5.0000       | 5.0743      | .074       | 1.49    | .39687 | .001    | 1        |
| S5        | 10.000       | 9.8332      | -.167      | -1.67   | .76902 | .001    | 1        |

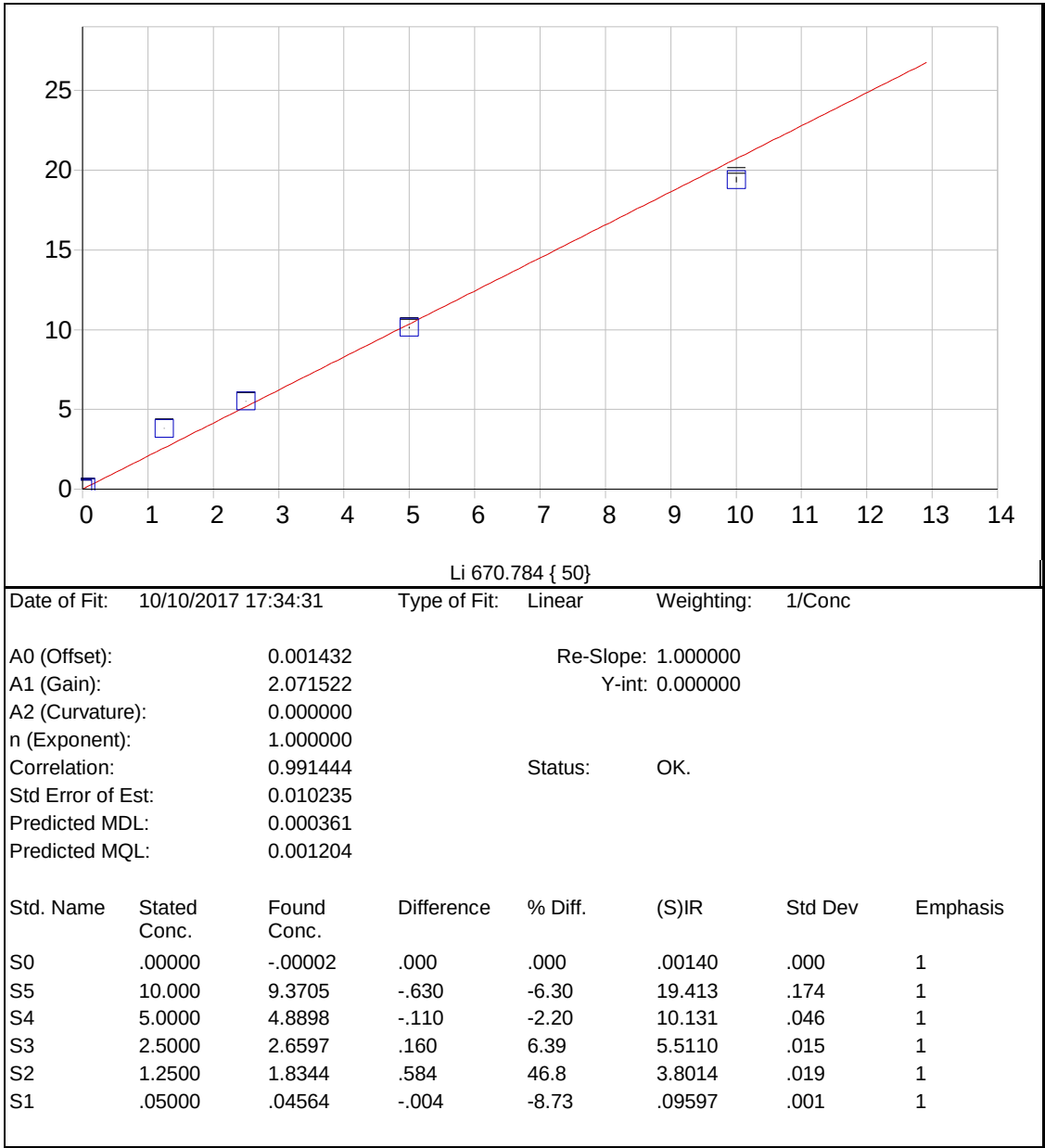


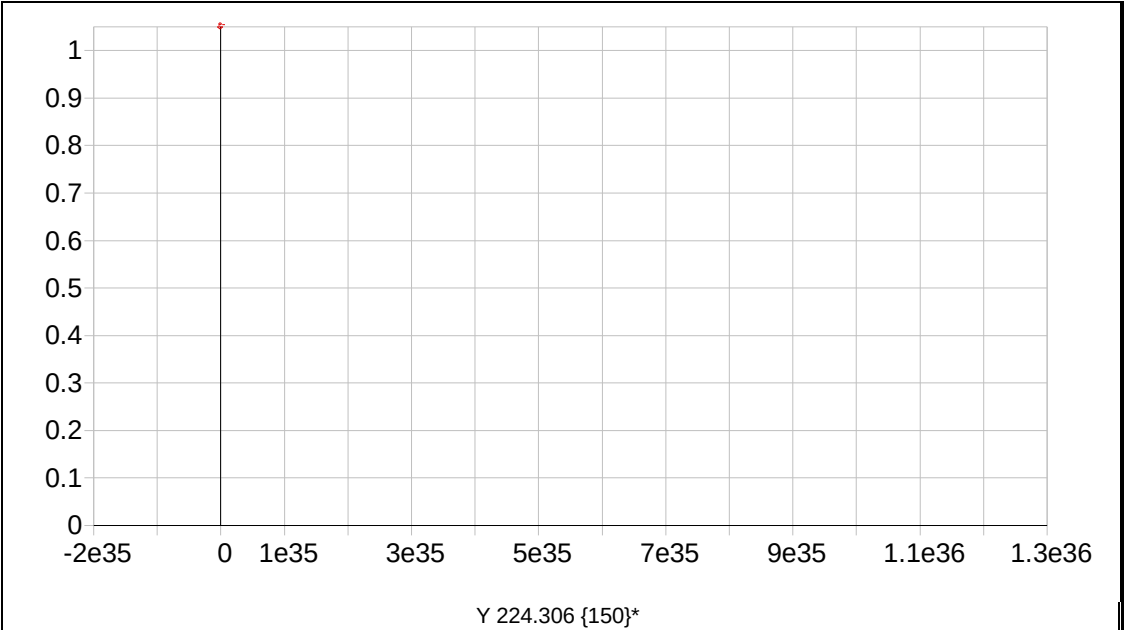
Ti 336.121 {100}

Date of Fit: 10/10/2017 17:34:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001044 Re-Slope: 1.000000  
 A1 (Gain): 0.277352 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999757 Status: OK.  
 Std Error of Est: 0.000325  
 Predicted MDL: 0.000698  
 Predicted MQL: 0.002325

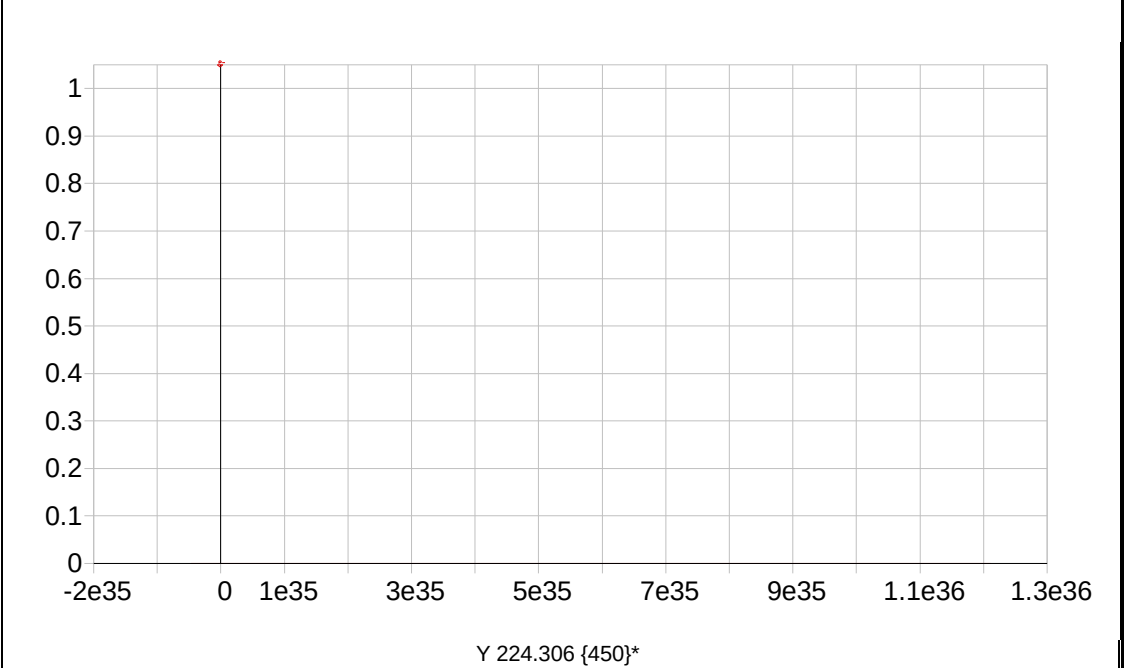
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00104 | .000    | 1        |
| S1        | .10000       | .10272      | .003       | 2.72    | .02953 | .000    | 1        |
| S2        | 1.2500       | 1.3295      | .079       | 6.36    | .36966 | .001    | 1        |
| S3        | 2.5000       | 2.5460      | .046       | 1.84    | .70695 | .001    | 1        |
| S4        | 5.0000       | 5.0407      | .041       | .814    | 1.3986 | .004    | 1        |
| S5        | 10.000       | 9.8311      | -.169      | -1.69   | 2.7268 | .015    | 1        |





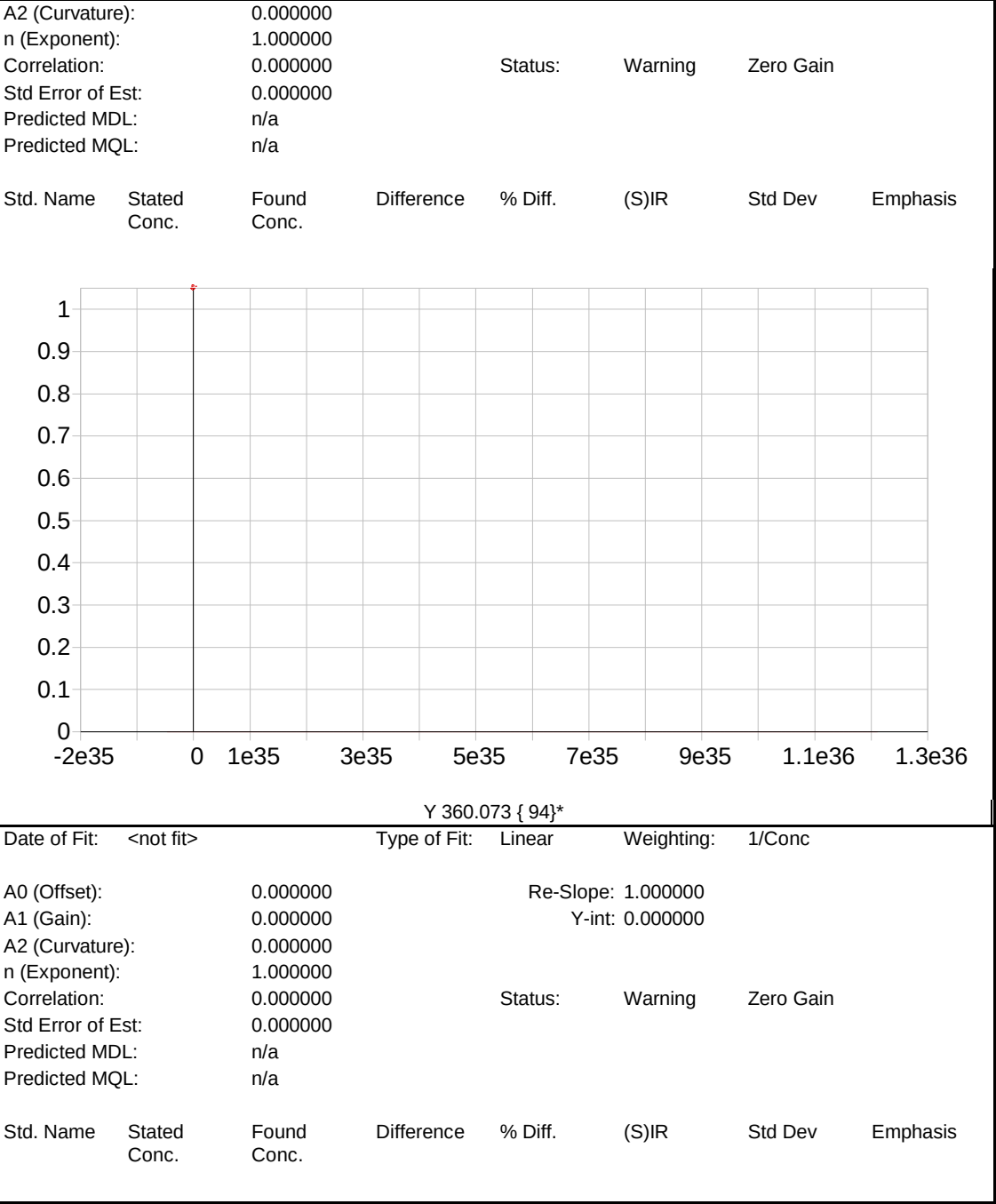
|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                        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

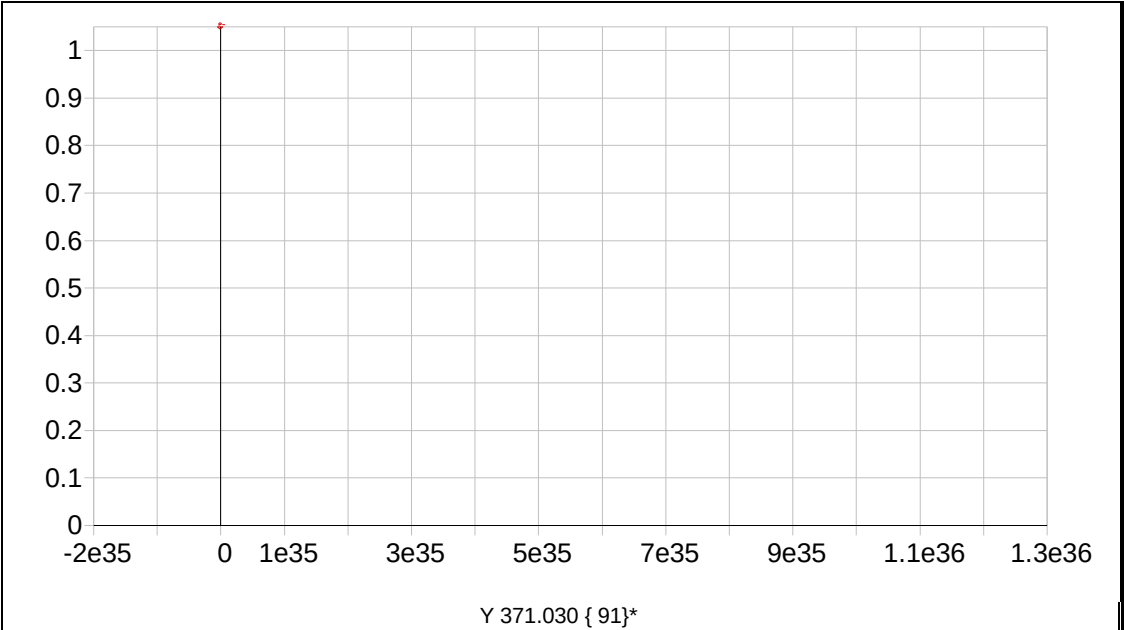
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



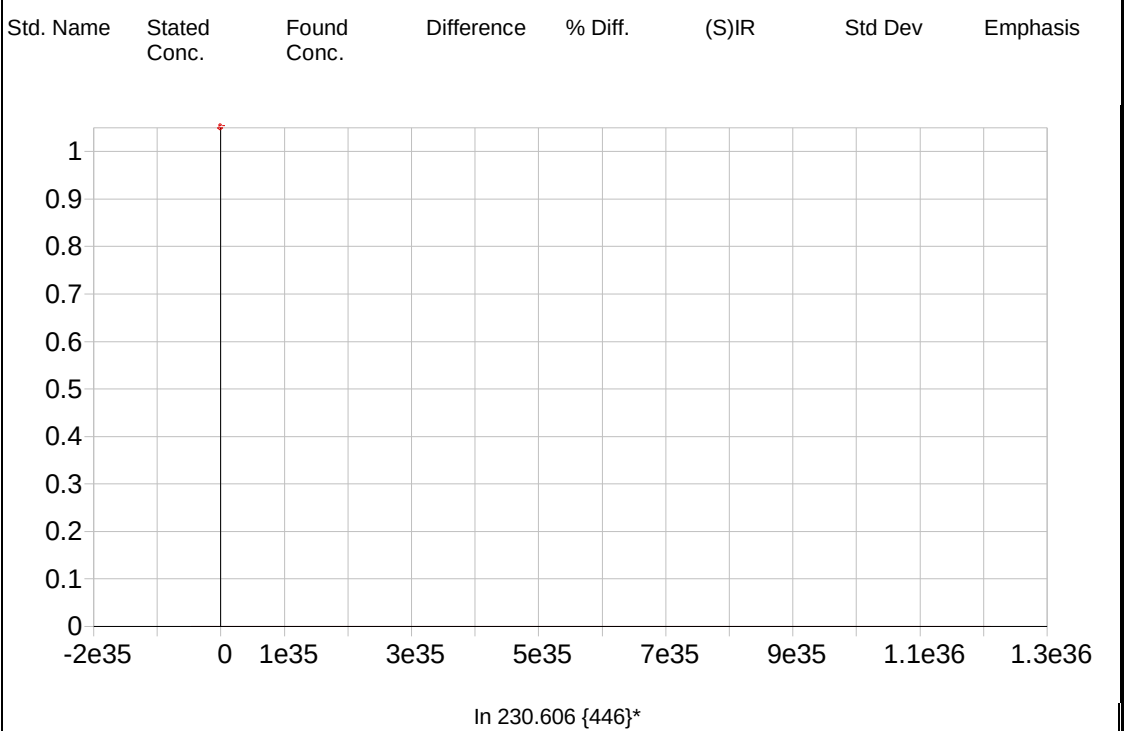
|              |          |                    |
|--------------|----------|--------------------|
| A0 (Offset): | 0.000000 | Re-Slope: 1.000000 |
| A1 (Gain):   | 0.000000 | Y-int: 0.000000    |



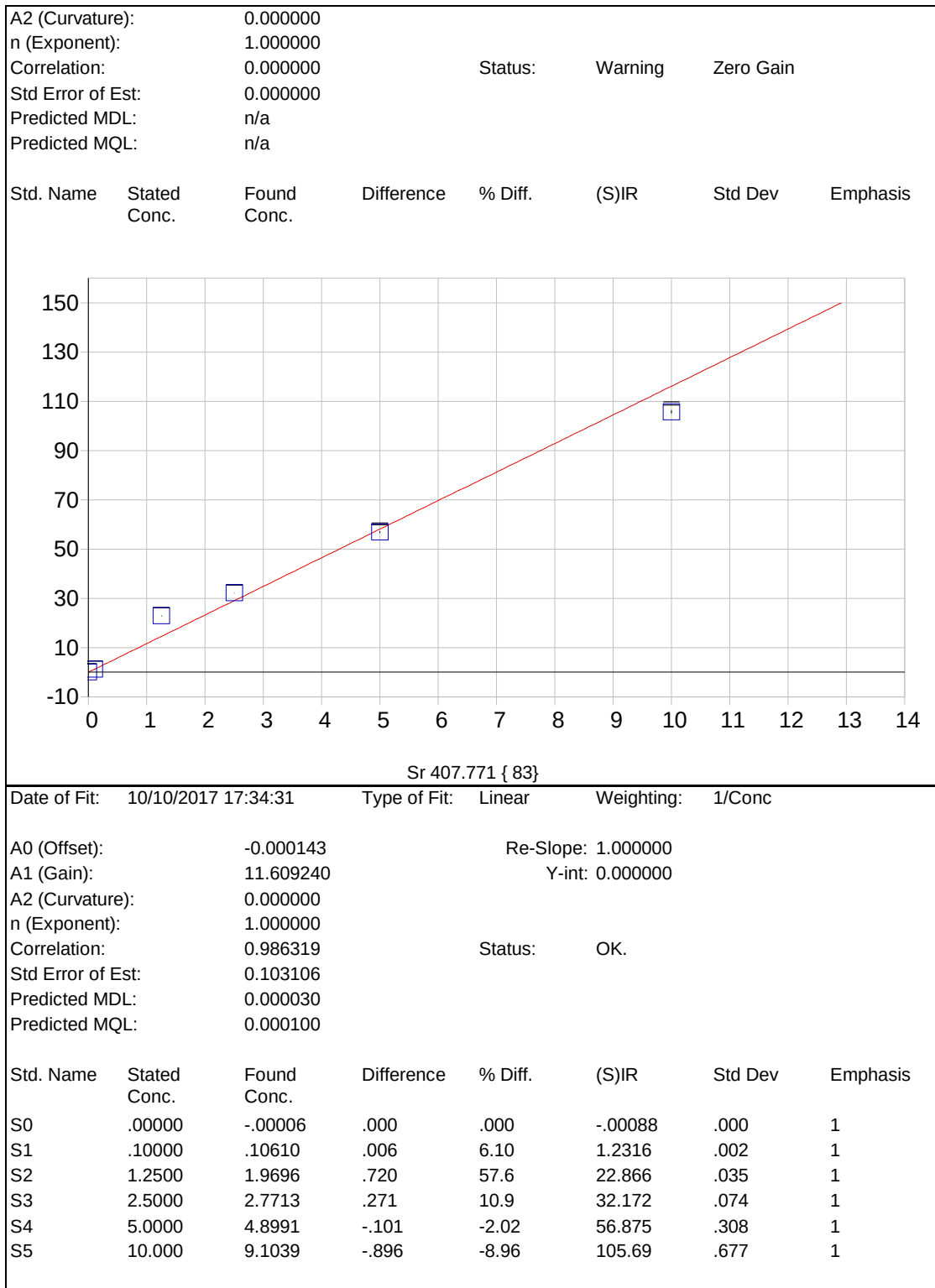




|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                        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



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



Sample Name: S0      Acquired: 10/10/2017 16:52:48      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S00      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |        |        |        |         |         |
|--------|---------|---------|---------|--------|--------|--------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S   |
| Avg    | -.00037 | -.00020 | -.00020 | .00042 | .00070 | .00062 | -.07688 | -.00118 |
| Stddev | .00008  | .00010  | .00011  | .00010 | .00003 | .00037 | .00141  | .00006  |
| %RSD   | 20.997  | 51.972  | 54.933  | 22.425 | 4.9842 | 59.565 | 1.8308  | 4.7907  |

|    |         |         |         |        |        |        |         |         |
|----|---------|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00046 | -.00028 | -.00012 | .00051 | .00074 | .00083 | -.07531 | -.00114 |
| #2 | -.00034 | -.00022 | -.00016 | .00032 | .00069 | .00085 | -.07730 | -.00124 |
| #3 | -.00031 | -.00008 | -.00033 | .00044 | .00068 | .00020 | -.07803 | -.00114 |

|        |         |        |        |         |        |        |         |         |
|--------|---------|--------|--------|---------|--------|--------|---------|---------|
| 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    | -.00036 | .00116 | .00002 | -.00041 | .00079 | .00006 | -.00009 | -.00013 |
| Stddev | .00004  | .00007 | .00003 | .00017  | .00007 | .00001 | .00005  | .00007  |
| %RSD   | 11.099  | 5.9949 | 108.72 | 40.620  | 9.4922 | 16.437 | 52.301  | 57.155  |

|    |         |        |         |         |        |        |         |         |
|----|---------|--------|---------|---------|--------|--------|---------|---------|
| #1 | -.00033 | .00124 | .00004  | -.00036 | .00084 | .00006 | -.00004 | -.00005 |
| #2 | -.00035 | .00113 | -.00001 | -.00059 | .00081 | .00007 | -.00012 | -.00019 |
| #3 | -.00041 | .00110 | .00003  | -.00027 | .00070 | .00005 | -.00012 | -.00015 |

|        |         |        |         |         |        |         |         |         |
|--------|---------|--------|---------|---------|--------|---------|---------|---------|
| 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    | -.00099 | .00006 | -.00336 | -.00014 | .00018 | .02190  | -.00059 | .00175  |
| Stddev | .00018  | .00001 | .00009  | .00003  | .00105 | .00023  | .00005  | .00017  |
| %RSD   | 18.465  | 24.784 | 2.7251  | 22.666  | 589.15 | 1.0683  | 8.1000  | 9.8590  |

|    |         |        |         |         |         |        |         |        |
|----|---------|--------|---------|---------|---------|--------|---------|--------|
| #1 | -.00092 | .00007 | -.00325 | -.00016 | -.00035 | .02171 | -.00061 | .00194 |
| #2 | -.00086 | .00005 | -.00341 | -.00016 | .00139  | .02183 | -.00064 | .00171 |
| #3 | -.00120 | .00005 | -.00341 | -.00011 | -.00050 | .02216 | -.00054 | .00160 |

|        |        |         |        |        |        |        |         |  |
|--------|--------|---------|--------|--------|--------|--------|---------|--|
| Elem   | Mo2020 | S_ 1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |  |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |  |
| Avg    | .00038 | .00074  | .00053 | .00005 | .00104 | .00140 | -.00088 |  |
| Stddev | .00007 | .00012  | .00008 | .00008 | .00018 | .00031 | .00016  |  |
| %RSD   | 18.019 | 16.200  | 15.409 | 150.15 | 17.430 | 22.371 | 17.774  |  |

|    |        |        |        |         |        |        |         |  |
|----|--------|--------|--------|---------|--------|--------|---------|--|
| #1 | .00045 | .00072 | .00059 | -.00001 | .00124 | .00110 | -.00081 |  |
| #2 | .00037 | .00088 | .00044 | .00014  | .00101 | .00173 | -.00106 |  |
| #3 | .00032 | .00064 | .00057 | .00003  | .00088 | .00136 | -.00078 |  |

Sample Name: S0      Acquired: 10/10/2017 16:52:48      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S00      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 991.51 | 1076.2 | 47194. | 10394. | 2722.2 |
| Stddev    | 6.71   | 6.2    | 112.   | 16.    | 14.7   |
| %RSD      | .67707 | .57406 | .23774 | .14922 | .53885 |
| #1        | 986.83 | 1074.2 | 47072. | 10411. | 2721.6 |
| #2        | 988.51 | 1083.2 | 47294. | 10390. | 2737.1 |
| #3        | 999.20 | 1071.3 | 47214. | 10380. | 2707.8 |

Sample Name: S1      Acquired: 10/10/2017 16:56:58      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .00013 | .00096  | .00136 | .00394  | .01764 | .01896  | .90461  | .00918  |
| Stddev | .00010 | .00005  | .00011 | .00022  | .00025 | .00038  | .00220  | .00015  |
| %RSD   | 74.103 | 4.8126  | 8.0130 | 5.5812  | 1.3931 | 2.0265  | .24289  | 1.6321  |
| #1     | .00017 | .00099  | .00148 | .00418  | .01782 | .01936  | .90694  | .00935  |
| #2     | .00021 | .00098  | .00128 | .00377  | .01772 | .01859  | .90430  | .00906  |
| #3     | .00002 | .00091  | .00131 | .00385  | .01736 | .01894  | .90257  | .00912  |
| 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    | .00731 | .10304  | .00111 | .02844  | .00498 | .00196  | .00382  | .03377  |
| Stddev | .00028 | .00005  | .00006 | .00020  | .00017 | .00008  | .00002  | .00023  |
| %RSD   | 3.7792 | .04414  | 5.5432 | .71022  | 3.3721 | 4.2248  | .40947  | .67542  |
| #1     | .00763 | .10300  | .00104 | .02836  | .00517 | .00202  | .00382  | .03370  |
| #2     | .00720 | .10309  | .00114 | .02867  | .00485 | .00199  | .00380  | .03402  |
| #3     | .00711 | .10304  | .00115 | .02829  | .00492 | .00186  | .00383  | .03358  |
| 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    | .01667 | .00223  | .03102 | .00369  | .01214 | .13438  | -.00017 | .00357  |
| Stddev | .00039 | .00001  | .00037 | .00015  | .00048 | .00043  | .00006  | .00008  |
| %RSD   | 2.3144 | .58202  | 1.1963 | 4.1176  | 3.9928 | .32319  | 37.702  | 2.1882  |
| #1     | .01691 | .00222  | .03142 | .00370  | .01175 | .13488  | -.00015 | .00366  |
| #2     | .01688 | .00223  | .03068 | .00383  | .01268 | .13407  | -.00023 | .00352  |
| #3     | .01623 | .00224  | .03096 | .00352  | .01200 | .13419  | -.00011 | .00353  |
| 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    | .01286 | .00311  | .01607 | .00071  | .02953 | .09597  | 1.2316  |         |
| Stddev | .00046 | .00007  | .00011 | .00010  | .00024 | .00075  | .0022   |         |
| %RSD   | 3.5603 | 2.2754  | .65549 | 13.771  | .81205 | .77961  | .17448  |         |
| #1     | .01318 | .00303  | .01607 | .00077  | .02970 | .09655  | 1.2337  |         |
| #2     | .01307 | .00316  | .01618 | .00075  | .02962 | .09623  | 1.2318  |         |
| #3     | .01234 | .00313  | .01597 | .00059  | .02925 | .09512  | 1.2294  |         |

Sample Name: S1      Acquired: 10/10/2017 16:56:58      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 992.71 | 1089.2 | 47031. | 10437. | 2683.4 |
| Stddev    | 4.25   | 11.1   | 132.   | 26.    | 29.6   |
| %RSD      | .42832 | 1.0210 | .28136 | .25128 | 1.1045 |
| #1        | 987.82 | 1076.9 | 46879. | 10407. | 2656.3 |
| #2        | 994.71 | 1092.1 | 47094. | 10448. | 2678.7 |
| #3        | 995.59 | 1098.5 | 47119. | 10456. | 2715.1 |

Sample Name: S2      Acquired: 10/10/2017 17:01:06      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .06091 | .05696 | 1.0231 | .12924 | .36678 | 3.6716 | 10.536 | .23418 |
| Stddev | .00065 | .00030 | .0002  | .00092 | .00241 | .0049  | .022   | .00124 |
| %RSD   | 1.0676 | .51950 | .01555 | .71234 | .65711 | .13200 | .20902 | .52899 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06150 | .05676 | 1.0232 | .12933 | .36912 | 3.6705 | 10.558 | .23276 |
| #2 | .06102 | .05730 | 1.0229 | .13011 | .36691 | 3.6674 | 10.514 | .23471 |
| #3 | .06021 | .05682 | 1.0231 | .12828 | .36431 | 3.6769 | 10.535 | .23506 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .91970 | 1.3417 | .38630 | .38714 | .62777 | .67654 | .94593 | .44022 |
| Stddev | .00189 | .0080  | .00112 | .00035 | .00269 | .00304 | .00462 | .00109 |
| %RSD   | .20592 | .59859 | .28899 | .08972 | .42872 | .44876 | .48869 | .24808 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91950 | 1.3331 | .38507 | .38676 | .62856 | .67449 | .94125 | .44074 |
| #2 | .91792 | 1.3489 | .38726 | .38722 | .62477 | .68003 | .95050 | .44095 |
| #3 | .92169 | 1.3431 | .38656 | .38745 | .62998 | .67510 | .94603 | .43896 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .28784 | .06526 | .26831 | .04842 | .82282 | .90535 | .02286 | .25207 |
| Stddev | .00135 | .00018 | .00060 | .00049 | .00542 | .00390 | .00036 | .00061 |
| %RSD   | .47072 | .28261 | .22254 | 1.0196 | .65892 | .43059 | 1.5758 | .24167 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28771 | .06517 | .26821 | .04801 | .81797 | .90832 | .02279 | .25138 |
| #2 | .28655 | .06547 | .26776 | .04897 | .82180 | .90094 | .02326 | .25254 |
| #3 | .28925 | .06514 | .26895 | .04827 | .82867 | .90679 | .02255 | .25229 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.4870 | .03139 | .20954 | .10220 | .36966 | 3.8014 | 22.866 |  |
| Stddev | .0091  | .00006 | .00073 | .00041 | .00145 | .0188  | .035   |  |
| %RSD   | .61275 | .19682 | .34874 | .39876 | .39311 | .49427 | .15307 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.4951 | .03142 | .20919 | .10224 | .36809 | 3.8158 | 22.905 |  |
| #2 | 1.4888 | .03132 | .21038 | .10178 | .37096 | 3.7802 | 22.838 |  |
| #3 | 1.4772 | .03144 | .20905 | .10259 | .36992 | 3.8084 | 22.854 |  |



Sample Name: S2      Acquired: 10/10/2017 17:01:06      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 923.51 | 983.43 | 43530. | 10061. | 2239.6 |
| Stddev    | 1.76   | 8.30   | 121.   | 3.     | 7.6    |
| %RSD      | .19005 | .84382 | .27795 | .03302 | .33735 |
| #1        | 921.51 | 975.22 | 43493. | 10057. | 2231.6 |
| #2        | 924.23 | 983.26 | 43431. | 10061. | 2240.6 |
| #3        | 924.80 | 991.82 | 43665. | 10064. | 2246.6 |

Sample Name: S3      Acquired: 10/10/2017 17:05:00      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .12011 | .10650 | 1.9546 | .24988 | .71751 | 7.2301 | 20.550 | .45011 |
| Stddev | .00026 | .00052 | .0085  | .00086 | .00240 | .0224  | .020   | .00501 |
| %RSD   | .21987 | .48464 | .43458 | .34343 | .33437 | .30935 | .09777 | 1.1138 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11997 | .10638 | 1.9524 | .24928 | .71917 | 7.2079 | 20.554 | .45468 |
| #2 | .11994 | .10605 | 1.9475 | .25086 | .71860 | 7.2298 | 20.528 | .44475 |
| #3 | .12042 | .10706 | 1.9640 | .24950 | .71476 | 7.2526 | 20.568 | .45091 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.7772 | 2.5954 | .72376 | .74902 | 1.2241 | 1.2801 | 1.7857 | .85128 |
| Stddev | .0109  | .0080  | .00326 | .00265 | .0041  | .0030  | .0079  | .00288 |
| %RSD   | .61503 | .30975 | .45069 | .35336 | .33754 | .23407 | .44161 | .33860 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7791 | 2.5986 | .72748 | .74982 | 1.2244 | 1.2774 | 1.7766 | .84796 |
| #2 | 1.7655 | 2.6013 | .72139 | .74606 | 1.2199 | 1.2833 | 1.7899 | .85306 |
| #3 | 1.7871 | 2.5862 | .72242 | .75117 | 1.2281 | 1.2798 | 1.7907 | .85283 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .55344 | .12971 | .52624 | .09223 | 1.6322 | 1.7691 | .01029 | .48250 |
| Stddev | .00146 | .00032 | .00198 | .00044 | .0225  | .0042  | .00019 | .00374 |
| %RSD   | .26312 | .24432 | .37625 | .47668 | 1.3802 | .23877 | 1.8715 | .77611 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .55399 | .13002 | .52433 | .09177 | 1.6145 | 1.7653 | .01052 | .48535 |
| #2 | .55179 | .12972 | .52612 | .09265 | 1.6576 | 1.7683 | .01021 | .47826 |
| #3 | .55453 | .12939 | .52828 | .09226 | 1.6247 | 1.7736 | .01016 | .48389 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 2.8402 | .06190 | .39581 | .19829 | .70695 | 5.5110 | 32.172 |  |
| Stddev | .0042  | .00035 | .00303 | .00109 | .00131 | .0149  | .074   |  |
| %RSD   | .14738 | .56433 | .76511 | .55155 | .18545 | .27058 | .23149 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.8417 | .06177 | .39655 | .19819 | .70620 | 5.4944 | 32.191 |  |
| #2 | 2.8355 | .06164 | .39248 | .19724 | .70618 | 5.5154 | 32.090 |  |
| #3 | 2.8435 | .06230 | .39840 | .19943 | .70846 | 5.5232 | 32.235 |  |

Sample Name: S3      Acquired: 10/10/2017 17:05:00      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S03      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 886.12 | 948.63 | 42555. | 9972.1 | 2106.8 |
| Stddev    | 10.37  | 3.43   | 275.   | 13.8   | 2.0    |
| %RSD      | 1.1704 | .36196 | .64656 | .13793 | .09653 |
| #1        | 891.02 | 949.15 | 42799. | 9962.8 | 2107.8 |
| #2        | 874.20 | 944.96 | 42257. | 9987.9 | 2104.5 |
| #3        | 893.12 | 951.77 | 42608. | 9965.5 | 2108.2 |

Sample Name: S4      Acquired: 10/10/2017 17:08:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .24489 | .20416 | 3.8233 | .50433 | 1.4673 | 14.741 | 40.258 | .90206 |
| Stddev | .00065 | .00111 | .0196  | .00381 | .0036  | .036   | .351   | .00920 |
| %RSD   | .26442 | .54245 | .51268 | .75524 | .24471 | .24427 | .87262 | 1.0199 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24519 | .20474 | 3.8318 | .50635 | 1.4688 | 14.711 | 39.873 | .89228 |
| #2 | .24415 | .20289 | 3.8009 | .49994 | 1.4632 | 14.781 | 40.562 | .90336 |
| #3 | .24533 | .20487 | 3.8373 | .50670 | 1.4698 | 14.732 | 40.338 | .91054 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.5217 | 5.2610 | 1.3877 | 1.5002 | 2.4696 | 2.4953 | 3.5127 | 1.6843 |
| Stddev | .0236  | .0268  | .0027  | .0098  | .0061  | .0181  | .0326  | .0109  |
| %RSD   | .67125 | .51004 | .19576 | .65256 | .24851 | .72540 | .92840 | .64516 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.5342 | 5.2537 | 1.3885 | 1.5050 | 2.4632 | 2.4778 | 3.4855 | 1.6721 |
| #2 | 3.4944 | 5.2386 | 1.3846 | 1.4889 | 2.4755 | 2.4941 | 3.5037 | 1.6876 |
| #3 | 3.5364 | 5.2908 | 1.3899 | 1.5066 | 2.4702 | 2.5140 | 3.5489 | 1.6931 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0945 | .27193 | 1.0576 | .18195 | 3.3468 | 3.5340 | .00388 | .93734 |
| Stddev | .0069  | .00015 | .0051  | .00073 | .0333  | .0151  | .00016 | .00684 |
| %RSD   | .63358 | .05344 | .48081 | .40077 | .99508 | .42672 | 4.1312 | .72983 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0996 | .27179 | 1.0517 | .18125 | 3.3777 | 3.5168 | .00390 | .92951 |
| #2 | 1.0866 | .27208 | 1.0606 | .18187 | 3.3512 | 3.5452 | .00403 | .94216 |
| #3 | 1.0972 | .27191 | 1.0605 | .18271 | 3.3116 | 3.5398 | .00371 | .94035 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 5.5835 | .12889 | .77720 | .39687 | 1.3986 | 10.131 | 56.875 |  |
| Stddev | .0306  | .00063 | .00755 | .00133 | .0041  | .046   | .308   |  |
| %RSD   | .54767 | .48521 | .97204 | .33454 | .29492 | .45541 | .54093 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 5.5983 | .12958 | .76872 | .39696 | 1.3967 | 10.119 | 56.734 |  |
| #2 | 5.5484 | .12836 | .77965 | .39551 | 1.3958 | 10.182 | 56.662 |  |
| #3 | 5.6039 | .12874 | .78322 | .39816 | 1.4033 | 10.092 | 57.227 |  |

Sample Name: S4      Acquired: 10/10/2017 17:08:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 840.79 | 888.13 | 40668. | 9761.8 | 1907.9 |
| Stddev    | 10.69  | 2.73   | 284.   | 24.7   | 6.6    |
| %RSD      | 1.2710 | .30777 | .69888 | .25299 | .34550 |
| #1        | 833.36 | 888.67 | 40369. | 9790.3 | 1908.1 |
| #2        | 835.98 | 890.55 | 40699. | 9746.0 | 1914.4 |
| #3        | 853.04 | 885.17 | 40935. | 9749.2 | 1901.2 |

Sample Name: S5      Acquired: 10/10/2017 17:13:03      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .50492 | .37937 | 7.2653 | 1.0148 | 3.0359 | 30.030 | 78.491 | 1.8492 |
| Stddev | .00435 | .00102 | .0112  | .0108  | .0340  | .205   | .524   | .0080  |
| %RSD   | .86095 | .26765 | .15472 | 1.0653 | 1.1186 | .68133 | .66774 | .43081 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50193 | .38045 | 7.2771 | 1.0047 | 3.0039 | 30.247 | 78.908 | 1.8470 |
| #2 | .50293 | .37843 | 7.2547 | 1.0136 | 3.0322 | 30.001 | 77.903 | 1.8580 |
| #3 | .50991 | .37924 | 7.2642 | 1.0262 | 3.0715 | 29.841 | 78.663 | 1.8426 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 6.7677 | 10.471 | 2.6178 | 2.9076 | 5.0089 | 4.7923 | 6.7976 | 3.2310 |
| Stddev | .0366  | .057   | .0117  | .0040  | .0385  | .0289  | .0393  | .0171  |
| %RSD   | .54057 | .54592 | .44659 | .13708 | .76951 | .60203 | .57806 | .53046 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.8014 | 10.534 | 2.6140 | 2.9109 | 5.0518 | 4.8241 | 6.8420 | 3.2494 |
| #2 | 6.7729 | 10.422 | 2.6309 | 2.9087 | 4.9978 | 4.7850 | 6.7834 | 3.2283 |
| #3 | 6.7288 | 10.456 | 2.6085 | 2.9032 | 4.9771 | 4.7678 | 6.7673 | 3.2155 |

|        |        |        |        |         |        |         |         |         |
|--------|--------|--------|--------|---------|--------|---------|---------|---------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_ 2924 | Zn2138 | K_ 7698 | P_ 1774 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S   |
| Avg    | 2.0977 | .58177 | 2.1064 | .35500  | 6.8693 | 7.0786  | -.00668 | 1.7976  |
| Stddev | .0023  | .00174 | .0149  | .00168  | .0347  | .0544   | .00016  | .0028   |
| %RSD   | .11111 | .29877 | .70562 | .47295  | .50573 | .76921  | 2.4196  | .15530  |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | 2.0960 | .58347 | 2.1213 | .35689 | 6.8930 | 7.1399 | -.00654 | 1.7975 |
| #2 | 2.1004 | .58185 | 2.1061 | .35444 | 6.8294 | 7.0599 | -.00686 | 1.8005 |
| #3 | 2.0968 | .57999 | 2.0916 | .35368 | 6.8856 | 7.0359 | -.00665 | 1.7950 |

|        |        |         |        |        |        |        |        |  |
|--------|--------|---------|--------|--------|--------|--------|--------|--|
| 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    | 10.872 | .26088  | 1.5373 | .76902 | 2.7268 | 19.413 | 105.69 |  |
| Stddev | .058   | .00167  | .0072  | .00122 | .0148  | .174   | .68    |  |
| %RSD   | .53717 | .64034  | .46600 | .15884 | .54138 | .89587 | .64048 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 10.818 | .26281 | 1.5420 | .77041 | 2.7433 | 19.596 | 106.20 |  |
| #2 | 10.863 | .25997 | 1.5409 | .76811 | 2.7220 | 19.391 | 105.95 |  |
| #3 | 10.934 | .25987 | 1.5291 | .76854 | 2.7150 | 19.251 | 104.92 |  |

Sample Name: S5      Acquired: 10/10/2017 17:13:03      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 775.83 | 805.45 | 38565. | 9415.6 | 1693.2 |
| Stddev    | 3.94   | 10.98  | 152.   | 34.2   | 14.3   |
| %RSD      | .50721 | 1.3634 | .39506 | .36328 | .84378 |
| #1        | 774.21 | 814.62 | 38390. | 9377.8 | 1704.6 |
| #2        | 780.32 | 808.46 | 38671. | 9424.7 | 1697.9 |
| #3        | 772.96 | 793.28 | 38634. | 9444.3 | 1677.2 |

Sample Name: S6      Acquired: 10/10/2017 17:17:09      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL      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    | 81.504 | 17.186 | 12.718 | 5.1100 | 5.8446 |
| Stddev | .735   | .011   | .062   | .0339  | .0485  |
| %RSD   | .90156 | .06153 | .48959 | .66323 | .82992 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 81.051 | 17.183 | 12.647 | 5.0713 | 5.7889 |
| #2 | 82.352 | 17.197 | 12.741 | 5.1246 | 5.8676 |
| #3 | 81.110 | 17.177 | 12.765 | 5.1342 | 5.8773 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 8995.8 |
| Stddev    | 35.1   |
| %RSD      | .38973 |

|    |        |
|----|--------|
| #1 | 9031.7 |
| #2 | 8961.7 |
| #3 | 8994.0 |



Sample Name: ICV      Acquired: 10/10/2017 17:21:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908     | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | .9326384 | F 1.155299 | 1.024539 | .9708602 | .9363542 | F 2.193287 |
| Stddev | .0075627 | .005041    | .000435  | .0063193 | .0050211 | .005900    |
| %RSD   | .8108906 | .4363464   | .0424163 | .6508923 | .5362341 | .2690206   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9374648 | 1.155627 | 1.024652 | .9687288 | .9386385 | 2.188649 |
| #2 | .9239226 | 1.160169 | 1.024059 | .9658823 | .9398270 | 2.199928 |
| #3 | .9365279 | 1.150103 | 1.024906 | .9779696 | .9305972 | 2.191283 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5070004 | .4666245 | .4871747 | 9.547434 | .5376742 | .4845391 |
| Stddev | .0013006 | .0014259 | .0015862 | .007491  | .0043086 | .0022990 |
| %RSD   | .2565217 | .3055728 | .3255988 | .0784575 | .8013351 | .4744722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5070975 | .4680832 | .4858252 | 9.541775 | .5356053 | .4820166 |
| #2 | .5056540 | .4652339 | .4867770 | 9.555928 | .5347903 | .4850843 |
| #3 | .5082497 | .4665566 | .4889220 | 9.544598 | .5426270 | .4865166 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4788025 | 5.336467 | .5218088 | 6.153148 | .5016789 | F .4226999 |
| Stddev | .0005831 | .037937  | .0005501 | .010007  | .0023074 | .0028715   |
| %RSD   | .1217884 | .7109036 | .1054230 | .1626350 | .4599350 | .6793216   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4789504 | 5.321579 | .5215697 | 6.142760 | .4991616 | .4197406 |
| #2 | .4781596 | 5.379590 | .5224380 | 6.153958 | .5021814 | .4228845 |
| #3 | .4792974 | 5.308232 | .5214187 | 6.162725 | .5036936 | .4254747 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.406064 | .5249982 | .9323024 | 9.242821 | F -.021296 | F -.010938 |
| Stddev | .079045  | .0010714 | .0133636 | .030904  | .034201    | .000705    |
| %RSD   | .8403581 | .2040836 | 1.433399 | .3343539 | 160.5980   | 6.449788   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.379530 | .5245500 | .9173900 | 9.209681 | -.060657 | -.010487 |
| #2 | 9.494961 | .5262210 | .9363230 | 9.247928 | .001172  | -.011751 |
| #3 | 9.343700 | .5242237 | .9431941 | 9.270852 | -.004404 | -.010576 |

Sample Name: ICV      Acquired: 10/10/2017 17:21:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Mo2020     | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F -.000142 | -.007886 | .0041637 | F .0015788 | -.000453 | .0010634 |
| Stddev | .000170    | .002340  | .0014371 | .0006072   | .000656  | .0002763 |
| %RSD   | 120.2269   | 29.67003 | 34.51488 | 38.46312   | 144.9696 | 25.98057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000029  | -.006105 | .0050798 | .0022008 | -.000401 | .0012852 |
| #2 | -.000142 | -.007016 | .0025074 | .0015481 | .000176  | .0011509 |
| #3 | -.000312 | -.010535 | .0049040 | .0009874 | -.001133 | .0007539 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0112470 |
| Stddev | .0000447 |
| %RSD   | .3971262 |

|    |          |
|----|----------|
| #1 | .0112228 |
| #2 | .0112196 |
| #3 | .0112985 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 985.3701 | 1066.563 | 46554.51 | 10498.52 | 2610.427 |
| Stddev    | 3.1417   | 3.579    | 93.83    | 41.51    | 3.903    |
| %RSD      | .3188301 | .3356007 | .2015425 | .3954299 | .1495135 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 987.3904 | 1063.327 | 46603.99 | 10456.11 | 2608.060 |
| #2 | 986.9693 | 1065.953 | 46613.24 | 10500.38 | 2608.288 |
| #3 | 981.7505 | 1070.408 | 46446.30 | 10539.08 | 2614.931 |

Sample Name: ICB      Acquired: 10/10/2017 17:25:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004955 | -.001185 | .0007208 | .0025725 | .0008261 | .0024696 |
| Stddev | .0030452 | .001050  | .0011631 | .0022351 | .0007920 | .0037692 |
| %RSD   | 614.5854 | 88.64673 | 161.3597 | 86.88422 | 95.87450 | 152.6225 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002131 | .000026  | -.000613 | .0000173 | .0005081 | .0066673 |
| #2 | .003833  | -.001733 | .001525  | .0041648 | .0002425 | .0013666 |
| #3 | -.000216 | -.001848 | .001250  | .0035354 | .0017277 | -.000625 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000544 | -.000117 | .0000193 | -.010713 | -.000101 | .0001541 |
| Stddev | .000275  | .000078  | .0000878 | .018224  | .000570  | .0003480 |
| %RSD   | 50.65163 | 66.86562 | 454.4238 | 170.1109 | 562.8083 | 225.8614 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000465 | -.000034 | .0000847 | -.022878 | -.000395 | .0004970 |
| #2 | -.000850 | -.000128 | .0000537 | -.019501 | -.000464 | -.000199 |
| #3 | -.000316 | -.000189 | -.000080 | .010240  | .000555  | .000164  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003077 | .0040308 | .0002682 | .0015210 | -.000407 | -.000446 |
| Stddev | .0007221 | .0037897 | .0006547 | .0065195 | .000234  | .000216  |
| %RSD   | 234.7249 | 94.01817 | 244.1358 | 428.6391 | 57.44508 | 48.48439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011412 | -.000344 | .0003144 | -.002589 | -.000586 | -.000546 |
| #2 | -.000091 | .006321  | .0008986 | -.001886 | -.000142 | -.000595 |
| #3 | -.000128 | .006115  | -.000408 | .009038  | -.000494 | -.000198 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0699530 | .0020177 | -.001448 | .0391596 | F .0336536 | .0006537 |
| Stddev | .0837955 | .0005599 | .003039  | .0021678 | .0497242   | .0008945 |
| %RSD   | 119.7883 | 27.74777 | 209.8649 | 5.535707 | 147.7532   | 136.8357 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.017008 | .0020547 | -.003462 | .0406596 | .0897462 | .0003669 |
| #2 | .150176  | .0014403 | .002047  | .0401451 | .0162238 | -.000062 |
| #3 | .076691  | .0025582 | -.002929 | .0366742 | -.005009 | .001657  |

Sample Name: ICB      Acquired: 10/10/2017 17:25:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000114 | -.001229 | .0008397 | .0011984 | -.000366 | .0007784 |
| Stddev | .000280  | .004101  | .0006727 | .0013002 | .000523  | .0003933 |
| %RSD   | 246.2395 | 333.8456 | 80.10755 | 108.4976 | 142.7830 | 50.52861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000370 | -.005328 | .0015569 | .0024789 | -.000359 | .0008641 |
| #2 | .000186  | .002875  | .0007396 | .0012369 | -.000893 | .0011217 |
| #3 | -.000157 | -.001232 | .0002227 | -.000121 | .000153  | .0003493 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000083 |
| Stddev | .000015  |
| %RSD   | 18.10629 |

|    |          |
|----|----------|
| #1 | -.000095 |
| #2 | -.000087 |
| #3 | -.000066 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1004.182 | 1067.148 | 47188.27 | 10280.64 | 2701.700 |
| Stddev    | 11.149   | 4.559    | 295.37   | 35.94    | 3.474    |
| %RSD      | 1.110207 | .4272126 | .6259298 | .3495516 | .1286031 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1011.125 | 1063.281 | 47404.72 | 10271.88 | 2702.811 |
| #2 | 1010.099 | 1065.989 | 47308.30 | 10249.90 | 2697.806 |
| #3 | 991.323  | 1072.175 | 46851.79 | 10320.15 | 2704.483 |

Sample Name: IC5A      Acquired: 10/10/2017 17:29:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: IC5A      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908     | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049282 | F -.030160 | -.002133 | -.007430 | .0060871 | 227.8896 |
| Stddev | .0108484 | .001928    | .000554  | .008099  | .0017290 | .4271    |
| %RSD   | 220.1265 | 6.392820   | 25.96978 | 109.0040 | 28.40471 | .1874232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004138 | -.028444 | -.001757 | -.005262 | .0070833 | 228.0693 |
| #2 | .001975  | -.029790 | -.002769 | -.016392 | .0040906 | 228.1975 |
| #3 | .016947  | -.032246 | -.001872 | -.000635 | .0070873 | 227.4020 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053684 | .0008787 | .0036199 | 246.2820 | .0528530 | -.000752 |
| Stddev | .0002760 | .0000889 | .0002945 | .3768    | .0006072 | .000179  |
| %RSD   | 5.140542 | 10.11064 | 8.135010 | .1529787 | 1.148917 | 23.80977 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050695 | .0007965 | .0032841 | 245.9165 | .0522217 | -.000552 |
| #2 | .0054221 | .0008668 | .0037412 | 246.2606 | .0534329 | -.000808 |
| #3 | .0056135 | .0009730 | .0038342 | 246.6691 | .0529044 | -.000897 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220369 | 101.6439 | .0115370 | 263.2560 | .0025061 | .0027936 |
| Stddev | .0005954 | .3597    | .0006661 | 1.3737   | .0010843 | .0001398 |
| %RSD   | 2.701866 | .3538808 | 5.773407 | .5218264 | 43.26570 | 5.004554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0219601 | 102.0191 | .0122406 | 264.6629 | .0022520 | .0028251 |
| #2 | .0214837 | 101.6106 | .0109163 | 263.1873 | .0015715 | .0029150 |
| #3 | .0226670 | 101.3020 | .0114539 | 261.9180 | .0036949 | .0026408 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4666736 | .0028248 | .0038093 | -.095588 | .0793990 | F -.311071 |
| Stddev | .0334554 | .0020134 | .0009912 | .033223  | .0517065 | .001188    |
| %RSD   | 7.168916 | 71.27299 | 26.02158 | 34.75616 | 65.12240 | .3818466   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4292899 | .0014042 | .0027348 | -.131991 | .0213886 | -.311930 |
| #2 | .4937982 | .0019415 | .0040051 | -.066904 | .0961705 | -.311567 |
| #3 | .4769326 | .0051289 | .0046880 | -.087869 | .1206379 | -.309715 |

Sample Name: ICSA      Acquired: 10/10/2017 17:29:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000256 | .0192391 | -.001091 | .0010340 | .0008169 | .0048467 |
| Stddev | .000070  | .0055718 | .001309  | .0020665 | .0004463 | .0002990 |
| %RSD   | 27.24428 | 28.96086 | 119.9896 | 199.8505 | 54.62925 | 6.168359 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000177 | .0134708 | -.000636 | .0004199 | .0011984 | .0049784 |
| #2 | -.000310 | .0196553 | -.002567 | .0033379 | .0009262 | .0050572 |
| #3 | -.000279 | .0245911 | -.000070 | -.000656 | .0003261 | .0045045 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0964002 |
| Stddev | .0000973 |
| %RSD   | .1009168 |

|    |          |
|----|----------|
| #1 | .0963827 |
| #2 | .0965050 |
| #3 | .0963129 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 891.6589 | 956.5512 | 41800.75 | 9745.337 | 2066.206 |
| Stddev    | 3.1817   | 4.5834   | 32.34    | 41.986   | 5.206    |
| %RSD      | .3568331 | .4791582 | .0773600 | .4308292 | .2519528 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 888.0240 | 951.5151 | 41835.63 | 9729.013 | 2060.202 |
| #2 | 893.9386 | 957.6600 | 41794.87 | 9713.964 | 2068.953 |
| #3 | 893.0142 | 960.4785 | 41771.76 | 9793.033 | 2069.464 |

Sample Name: ICSAB      Acquired: 10/10/2017 17:37:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1044645 | .0976671 | .0519267 | .0400091 | .5834726 | 233.5057 |
| Stddev | .0019968 | .0026232 | .0037747 | .0023490 | .0021250 | .8008    |
| %RSD   | 1.911493 | 2.685841 | 7.269345 | 5.871084 | .3641984 | .3429341 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1022171 | .1005922 | .0541968 | .0375484 | .5855231 | 234.4302 |
| #2 | .1060345 | .0968858 | .0540141 | .0422276 | .5812802 | 233.0610 |
| #3 | .1051419 | .0955234 | .0475693 | .0402513 | .5836144 | 233.0260 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5225846 | .4936656 | 1.028301 | 250.8880 | .5738315 | .5090881 |
| Stddev | .0028419 | .0019078 | .002929  | .4179    | .0026544 | .0010620 |
| %RSD   | .5438179 | .3864542 | .2848876 | .1665684 | .4625697 | .2086109 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5255827 | .4922347 | 1.026276 | 250.7721 | .5707857 | .5085136 |
| #2 | .5222412 | .4929305 | 1.026968 | 250.5403 | .5750575 | .5103136 |
| #3 | .5199300 | .4958315 | 1.031660 | 251.3516 | .5756512 | .5084371 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5235013 | 104.4725 | .5439046 | 270.1039 | 1.030973 | .1933228 |
| Stddev | .0033049 | .2089    | .0020254 | .3575    | .003689  | .0000390 |
| %RSD   | .6312999 | .1999363 | .3723740 | .1323620 | .3578203 | .0201749 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5272569 | 104.3218 | .5433340 | 270.3622 | 1.034853 | .1933346 |
| #2 | .5222101 | 104.3848 | .5422258 | 269.6959 | 1.030555 | .1932793 |
| #3 | .5210370 | 104.7110 | .5461541 | 270.2538 | 1.027511 | .1933546 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4503185 | .5329493 | 1.014914 | -.227019 | .0511389 | F -.323808 |
| Stddev | .0936027 | .0012404 | .011617  | .010832  | .0364675 | .001422    |
| %RSD   | 20.78589 | .2327412 | 1.144635 | 4.771222 | 71.31064 | .4390673   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4608655 | .5343568 | 1.003006 | -.220406 | .0093087 | -.322214 |
| #2 | .5382010 | .5320161 | 1.015519 | -.221132 | .0762440 | -.324947 |
| #3 | .3518890 | .5324748 | 1.026216 | -.239519 | .0678639 | -.324263 |

Sample Name: ICSAB      Acquired: 10/10/2017 17:37:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000198 | .0284197 | .0002247 | -.000197 | .0003569 | .0048774 |
| Stddev | .000327  | .0049622 | .0005160 | .002199  | .0007453 | .0002723 |
| %RSD   | 165.0283 | 17.46036 | 229.6090 | 1117.510 | 208.8152 | 5.582153 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000345 | .0226914 | .0006405 | .000628  | .0000998 | .0048340 |
| #2 | -.000425 | .0311666 | .0003864 | .001470  | -.000226 | .0046294 |
| #3 | .000176  | .0314010 | -.000353 | -.002689 | .001197  | .0051687 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0984079 |
| Stddev | .0000908 |
| %RSD   | .0922475 |

|    |          |
|----|----------|
| #1 | .0984822 |
| #2 | .0984348 |
| #3 | .0983067 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 872.3342 | 937.5230 | 41116.55 | 9578.721 | 2025.413 |
| Stddev    | 5.8629   | 3.5177   | 151.83   | 37.362   | 4.938    |
| %RSD      | .6720905 | .3752130 | .3692786 | .3900567 | .2438101 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 865.7287 | 936.1343 | 40966.54 | 9537.086 | 2022.565 |
| #2 | 876.9212 | 934.9117 | 41112.97 | 9589.749 | 2022.559 |
| #3 | 874.3526 | 941.5231 | 41270.14 | 9609.328 | 2031.115 |



Sample Name: CCV039      Acquired: 10/10/2017 17:41:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.901508 | 5.428488 | 24.74336 | 4.814551 | 4.879037 | 385.7106 |
| Stddev | .023459  | .018516  | .04424   | .039120  | .041964  | .3162    |
| %RSD   | .4786062 | .3410928 | .1787766 | .8125307 | .8600868 | .0819800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.918409 | 5.433761 | 24.79367 | 4.781231 | 4.863703 | 385.9859 |
| #2 | 4.874725 | 5.407907 | 24.71058 | 4.804797 | 4.846896 | 385.3652 |
| #3 | 4.911390 | 5.443796 | 24.72581 | 4.857625 | 4.926511 | 385.7806 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.865545 | .5072266 | 2.513269 | 399.0163 | 15.34127 | 2.482911 |
| Stddev | .061272  | .0014987 | .002394  | .4383    | .03939   | .005603  |
| %RSD   | .6210752 | .2954621 | .0952505 | .1098406 | .2567408 | .2256427 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.936102 | .5056684 | 2.516030 | 398.5173 | 15.32189 | 2.487480 |
| #2 | 9.834796 | .5086576 | 2.511772 | 399.1928 | 15.38659 | 2.476660 |
| #3 | 9.825736 | .5073538 | 2.512005 | 399.3388 | 15.31532 | 2.484593 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.28515 | 399.7318 | 15.12648 | 401.7765 | 2.446705 | 1.320799 |
| Stddev | .03396   | 1.0439   | .06381   | 1.4543   | .003413  | .002848  |
| %RSD   | .2222088 | .2611420 | .4218363 | .3619556 | .1394865 | .2156172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.32317 | 399.8326 | 15.13944 | 402.4274 | 2.450611 | 1.319496 |
| #2 | 15.27448 | 398.6412 | 15.05718 | 400.1105 | 2.444298 | 1.324066 |
| #3 | 15.25781 | 400.7216 | 15.18281 | 402.7917 | 2.445206 | 1.318836 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 390.1823 | 2.501667 | 15.70606 | 151.4165 | F -1.49742 | F 4.128677 |
| Stddev | .7876    | .015183  | .09654   | .5401    | .12115     | .000734    |
| %RSD   | .2018496 | .6069102 | .6146400 | .3567132 | 8.090693   | .0177779   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 390.7960 | 2.485063 | 15.81126 | 152.0309 | -1.36651 | 4.127830 |
| #2 | 389.2943 | 2.514842 | 15.68536 | 151.0167 | -1.52015 | 4.129080 |
| #3 | 390.4568 | 2.505096 | 15.62155 | 151.2018 | -1.60560 | 4.129122 |

Sample Name: CCV039      Acquired: 10/10/2017 17:41:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.836136 | 5.009020 | 5.001912 | 4.912800 | 5.015646 | 4.685425 |
| Stddev | .025527  | .033862  | .007121  | .004996  | .012251  | .007184  |
| %RSD   | .5278374 | .6760123 | .1423591 | .1016835 | .2442623 | .1533200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.816150 | 5.047349 | 4.995938 | 4.907138 | 5.019377 | 4.690295 |
| #2 | 4.827365 | 4.996550 | 5.009791 | 4.916586 | 5.001963 | 4.688805 |
| #3 | 4.864892 | 4.983163 | 5.000006 | 4.914676 | 5.025598 | 4.677174 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.720948 |
| Stddev | .008821  |
| %RSD   | .1868408 |

|    |          |
|----|----------|
| #1 | 4.725623 |
| #2 | 4.726448 |
| #3 | 4.710774 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 788.2457 | 844.5914 | 38289.67 | 9317.230 | 1732.614 |
| Stddev    | 4.8831   | 4.5312   | 140.65   | 27.011   | 4.833    |
| %RSD      | .6194884 | .5364952 | .3673437 | .2899073 | .2789416 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 783.4247 | 846.4551 | 38127.27 | 9291.517 | 1728.866 |
| #2 | 788.1237 | 847.8936 | 38369.14 | 9345.375 | 1738.069 |
| #3 | 793.1886 | 839.4256 | 38372.60 | 9314.798 | 1730.907 |

Sample Name: CCB039      Acquired: 10/10/2017 17:45:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB039      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001302 | .0003322 | -.000204 | .0011604 | -.000188 | .0002139 | .0006095 |
| Stddev | .001611  | .0026811 | .001475  | .0019617 | .001238  | .0029256 | .0002437 |
| %RSD   | 123.7586 | 806.9679 | 724.4409 | 169.0627 | 657.6317 | 1367.503 | 39.97752 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000552  | -.002743 | .001467  | .0019683 | .000629  | -.002706 | .0004034 |
| #2 | -.002368 | .001563  | -.001325 | .0025891 | .000419  | .003146  | .0005466 |
| #3 | -.002089 | .002177  | -.000753 | -.001076 | -.001613 | .000202  | .0008784 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000040 | -.000037 | -.009033 | .0001355 | .0002632 | .0003538 | .0020033 |
| Stddev | .000102  | .000113  | .008384  | .0001666 | .0002471 | .0004035 | .0018894 |
| %RSD   | 254.5270 | 305.7936 | 92.81495 | 122.9169 | 93.86114 | 114.0463 | 94.31598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000017  | -.000038 | -.007779 | -.000056 | .0001288 | .0006172 | -.000089 |
| #2 | -.000158 | -.000150 | -.017974 | .000247  | .0001126 | -.000111 | .002515  |
| #3 | .000021  | .000077  | -.001347 | .000216  | .0005484 | .000555  | .003584  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001396 | .0002775 | -.000270 | -.000296 | .0996000 | .0015368 | -.002553 |
| Stddev | .0001832 | .0060182 | .000140  | .000093  | .0940924 | .0003716 | .003061  |
| %RSD   | 131.1629 | 2168.488 | 51.83221 | 31.34408 | 94.47033 | 24.18266 | 119.9031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000053 | .0025081 | -.000368 | -.000258 | .1977314 | .0012147 | -.003525 |
| #2 | .000312  | .0048620 | -.000110 | -.000228 | .0101480 | .0019434 | .000876  |
| #3 | .000160  | -.006538 | -.000331 | -.000401 | .0909204 | .0014522 | -.005011 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0317155 | .0079903 | .0083355 | .0005180 | -.000074 | .0006013 | .0006350 |
| Stddev | .0122864 | .0181169 | .0015379 | .0002809 | .002550  | .0005049 | .0016113 |
| %RSD   | 38.73942 | 226.7356 | 18.45035 | 54.22607 | 3422.864 | 83.95771 | 253.7435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0176183 | .0191731 | .0099468 | .0003572 | .002576  | .0010106 | .0023009 |
| #2 | .0373826 | .0177100 | .0068833 | .0008423 | -.002511 | .0000372 | -.000915 |
| #3 | .0401455 | -.012912 | .0081762 | .0003544 | -.000288 | .0007563 | .000520  |

Sample Name: CCB039      Acquired: 10/10/2017 17:45:09      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB039      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000207 | .0004396 | -.000057 |
| Stddev | .000431  | .0001908 | .000007  |
| %RSD   | 208.1356 | 43.40002 | 12.44166 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000218  | .0002220 | -.000059 |
| #2 | -.000196 | .0005780 | -.000062 |
| #3 | -.000643 | .0005189 | -.000049 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1035.762 | 1111.944 | 48383.33 | 10482.45 | 2792.813 |
| Stddev    | 15.289   | 2.846    | 220.16   | 54.97    | 5.639    |
| %RSD      | 1.476138 | .2559342 | .4550368 | .5244001 | .2019041 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1030.714 | 1110.323 | 48139.57 | 10424.28 | 2793.922 |
| #2 | 1023.636 | 1115.230 | 48442.68 | 10533.53 | 2797.815 |
| #3 | 1052.937 | 1110.280 | 48567.72 | 10489.55 | 2786.702 |

Sample Name: PB103061BL      Acquired: 10/10/2017 17:49:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012751 | .0023549 | -.000440 | .0007187 | -.000516 | .0007694 | .0000653 |
| Stddev | .0034264 | .0030667 | .001136  | .0020234 | .000901  | .0011133 | .0002307 |
| %RSD   | 268.7061 | 130.2261 | 258.3124 | 281.5315 | 174.6241 | 144.6869 | 353.4624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001275 | .0053141 | -.001103 | .0026917 | .000469  | .0006073 | -.000200 |
| #2 | .005170  | .0025597 | -.001089 | -.001352 | -.001298 | .0019549 | .000173  |
| #3 | -.000069 | -.000809 | .000872  | .000816  | -.000718 | -.000254 | .000222  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000139 | -.000016 | -.000154 | -.000233 | .0001238 | .0009520 | .0011213 |
| Stddev | .000041  | .000072  | .006041  | .000194  | .0001615 | .0006853 | .0033572 |
| %RSD   | 29.15816 | 453.5442 | 3925.480 | 83.09788 | 130.4608 | 71.98569 | 299.4105 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000095 | -.000022 | .006324  | -.000020 | .0002093 | .0001636 | .0047431 |
| #2 | -.000147 | .000059  | -.001153 | -.000398 | -.000062 | .0014052 | .0005074 |
| #3 | -.000175 | -.000085 | -.005633 | -.000282 | .000225  | .0012872 | -.001887 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000116 | -.005756 | -.000411 | -.000083 | .1047295 | .0020238 | -.002848 |
| Stddev | .000095  | .007520  | .000053  | .000248  | .0543355 | .0015176 | .003029  |
| %RSD   | 81.95398 | 130.6375 | 12.96500 | 300.2943 | 51.88170 | 74.99016 | 106.3645 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000057 | -.002464 | -.000376 | .000174  | .0462699 | .0003057 | -.000367 |
| #2 | -.000065 | -.000444 | -.000473 | -.000322 | .1536873 | .0025837 | -.006224 |
| #3 | -.000225 | -.014361 | -.000386 | -.000100 | .1142314 | .0031819 | -.001953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074681 | .0137708 | .0000182 | -.000152 | -.000294 | .0011993 | .0004115 |
| Stddev | .0050087 | .0305901 | .0006683 | .000113  | .001540  | .0004845 | .0013506 |
| %RSD   | 67.06808 | 222.1384 | 3664.272 | 74.38104 | 524.5414 | 40.40283 | 328.2447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030895 | .0449904 | -.000645 | -.000045 | -.001846 | .0011237 | -.000826 |
| #2 | .0063851 | .0124703 | .000691  | -.000140 | -.000270 | .0017171 | .001852  |
| #3 | .0129297 | -.016148 | .000008  | -.000270 | .001235  | .0007569 | .000208  |

Sample Name: PB103061BL      Acquired: 10/10/2017 17:49:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000128 | .0003097 | -.000060 |
| Stddev | .000195  | .0000885 | .000018  |
| %RSD   | 151.8832 | 28.58918 | 30.66480 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000135 | .0002149 | -.000039 |
| #2 | .000070  | .0003902 | -.000071 |
| #3 | -.000320 | .0003241 | -.000070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1025.443 | 1107.385 | 48172.04 | 10399.38 | 2780.743 |
| Stddev    | 6.808    | 8.077    | 466.29   | 59.11    | 24.089   |
| %RSD      | .6639551 | .7294099 | .9679700 | .5684445 | .8662641 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1017.925 | 1103.436 | 47789.80 | 10332.60 | 2766.549 |
| #2 | 1031.194 | 1102.042 | 48034.76 | 10420.50 | 2767.123 |
| #3 | 1027.209 | 1116.677 | 48691.56 | 10445.03 | 2808.556 |

Sample Name: PB103061BS      Acquired: 10/10/2017 17:53:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225920 | .0587521 | .0225243 | .0702280 | .1145867 | .3616479 |
| Stddev | .0020516 | .0019074 | .0010987 | .0034828 | .0020217 | .0032799 |
| %RSD   | 9.081141 | 3.246488 | 4.877880 | 4.959214 | 1.764372 | .9069420 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0203402 | .0593643 | .0213106 | .0685892 | .1144186 | .3649763 |
| #2 | .0230806 | .0602783 | .0228113 | .0742279 | .1126543 | .3584187 |
| #3 | .0243553 | .0566138 | .0234510 | .0678670 | .1166873 | .3615488 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4470909 | .0110322 | .0109185 | 9.456262 | .0237417 | .0958700 |
| Stddev | .0125753 | .0001736 | .0001382 | .041691  | .0003884 | .0006371 |
| %RSD   | 2.812692 | 1.573801 | 1.265334 | .4408844 | 1.635786 | .6645249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4608019 | .0111279 | .0107731 | 9.497761 | .0241706 | .0960675 |
| #2 | .4443759 | .0111369 | .0109342 | 9.414381 | .0236402 | .0951575 |
| #3 | .4360948 | .0108318 | .0110481 | 9.456643 | .0234140 | .0963849 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0490404 | .2205642 | .0332514 | 10.22641 | .0796111 | .0189934 |
| Stddev | .0007299 | .0110129 | .0003368 | .02370   | .0005765 | .0002709 |
| %RSD   | 1.488304 | 4.993061 | 1.012913 | .2317328 | .7240966 | 1.426135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0485435 | .2267780 | .0330063 | 10.20385 | .0789506 | .0193049 |
| #2 | .0498784 | .2078487 | .0336355 | 10.25110 | .0798696 | .0188622 |
| #3 | .0486994 | .2270659 | .0331125 | 10.22429 | .0800130 | .0188131 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.350359 | .1058741 | .1112766 | 9.227245 | F .4777375 | F .0222302 |
| Stddev | .060987  | .0024135 | .0028741 | .016811  | .0434935   | .0008671   |
| %RSD   | .6522376 | 2.279548 | 2.582846 | .1821930 | 9.104060   | 3.900403   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.419641 | .1069393 | .1128749 | 9.224284 | .4988751 | .0219312 |
| #2 | 9.304796 | .1075717 | .1129962 | 9.245339 | .4277151 | .0232072 |
| #3 | 9.326638 | .1031113 | .1079586 | 9.212110 | .5066223 | .0215522 |

Sample Name: PB103061BS      Acquired: 10/10/2017 17:53:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0222013 | .1883497 | .1978305 | F .0155546 | .1989234 | .0874280 |
| Stddev | .0001497 | .0060277 | .0018906 | .0021093   | .0005394 | .0006647 |
| %RSD   | .6744846 | 3.200272 | .9556770 | 13.56074   | .2711631 | .7602439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0220866 | .1940125 | .1969517 | .0157556 | .1990502 | .0880862 |
| #2 | .0223707 | .1890231 | .2000006 | .0133520 | .1983320 | .0867571 |
| #3 | .0221466 | .1820136 | .1965393 | .0175563 | .1993882 | .0874408 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2047582 |
| Stddev | .0008890 |
| %RSD   | .4341673 |

|    |          |
|----|----------|
| #1 | .2057439 |
| #2 | .2045138 |
| #3 | .2040171 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1009.915 | 1075.938 | 47141.91 | 10580.59 | 2643.133 |
| Stddev    | 9.870    | 6.733    | 176.50   | 30.53    | 3.176    |
| %RSD      | .9773019 | .6257437 | .3744011 | .2885423 | .1201429 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 998.800  | 1077.122 | 46957.18 | 10557.02 | 2641.259 |
| #2 | 1013.290 | 1068.691 | 47159.74 | 10569.68 | 2641.340 |
| #3 | 1017.654 | 1082.000 | 47308.82 | 10615.08 | 2646.800 |



Sample Name: PB103063BL      Acquired: 10/10/2017 17:57:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007378 | -.001984 | -.001233 | -.000719 | -.000077 | .0034212 |
| Stddev | .0009226 | .001130  | .002045  | .003061  | .001236  | .0022998 |
| %RSD   | 125.0463 | 56.95130 | 165.8876 | 425.7014 | 1613.331 | 67.22138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011847 | -.002300 | -.002189 | .001290  | .000410  | .0049969 |
| #2 | -.000323 | -.002923 | .001115  | .000795  | .000842  | .0007822 |
| #3 | .001352  | -.000730 | -.002625 | -.004242 | -.001481 | .0044845 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000112 | -.000108 | .0000946 | -.002700 | -.000304 | .0000955 |
| Stddev | .000342  | .000062  | .0000210 | .012526  | .000167  | .0002017 |
| %RSD   | 306.3246 | 57.61425 | 22.14240 | 463.9815 | 55.07289 | 211.1878 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000278  | -.000117 | .0000892 | -.010692 | -.000147 | .0002538 |
| #2 | -.000362 | -.000164 | .0001178 | -.009143 | -.000480 | .0001644 |
| #3 | -.000251 | -.000041 | .0000769 | .011736  | -.000285 | -.000132 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006805 | .0004401 | .0000821 | .0025656 | -.000283 | -.000036 |
| Stddev | .0005899 | .0047483 | .0001675 | .0126859 | .000275  | .000269  |
| %RSD   | 86.69042 | 1078.907 | 203.8835 | 494.4714 | 97.34610 | 742.5960 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007790 | -.004999 | .0002625 | .0146723 | -.000595 | -.000207 |
| #2 | .0000475 | .002562  | -.000068 | .0036537 | -.000179 | .000274  |
| #3 | .0012150 | .003757  | .000052  | -.010629 | -.000075 | -.000175 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1244569 | .0008338 | -.003992 | -.011645 | F .0268978 | -.002767 |
| Stddev | .0765377 | .0022981 | .005181  | .024244  | .0782128   | .001366  |
| %RSD   | 61.49735 | 275.6092 | 129.7819 | 208.1868 | 290.7783   | 49.35962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1758771 | .0002267 | -.005040 | -.004301 | -.017802 | -.001947 |
| #2 | .0364974 | -.001100 | .001633  | -.038713 | .117209  | -.004344 |
| #3 | .1609963 | .003374  | -.008569 | .008077  | -.018713 | -.002011 |

Sample Name: PB103063BL      Acquired: 10/10/2017 17:57:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000087 | -.002219 | .0009167 | .0001223 | -.000171 | -.000002 |
| Stddev | .000271  | .001907  | .0014084 | .0000317 | .000304  | .000021  |
| %RSD   | 312.7823 | 85.95435 | 153.6331 | 25.92107 | 177.0249 | 1073.408 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000010 | -.000860 | .0002262 | .0001163 | .000155  | .000012  |
| #2 | -.000387 | -.001397 | .0025371 | .0000940 | -.000225 | -.000026 |
| #3 | .000138  | -.004398 | -.000013 | .0001566 | -.000445 | .000008  |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000064 |
| Stddev | .000028  |
| %RSD   | 43.68965 |

|    |          |
|----|----------|
| #1 | -.000061 |
| #2 | -.000037 |
| #3 | -.000093 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 990.3205 | 1067.793 | 47424.29 | 10460.78 | 2716.058 |
| Stddev    | 1.4173   | 5.550    | 105.65   | 6.92     | 12.408   |
| %RSD      | .1431119 | .5197206 | .2227788 | .0661890 | .4568549 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 990.1750 | 1061.841 | 47302.95 | 10464.10 | 2701.749 |
| #2 | 991.8049 | 1068.711 | 47495.90 | 10452.83 | 2723.854 |
| #3 | 988.9816 | 1072.826 | 47474.02 | 10465.43 | 2722.571 |

Sample Name: PB103063BS      Acquired: 10/10/2017 18:01:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0171827 | .0534364 | .0221841 | .0666875 | .1156638 | .3721234 |
| Stddev | .0024150 | .0006056 | .0012422 | .0028587 | .0017529 | .0021008 |
| %RSD   | 14.05482 | 1.133351 | 5.599547 | 4.286678 | 1.515544 | .5645400 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0196261 | .0529592 | .0225191 | .0635748 | .1138164 | .3743122 |
| #2 | .0147971 | .0541177 | .0208087 | .0672924 | .1158711 | .3719346 |
| #3 | .0171249 | .0532324 | .0232244 | .0691953 | .1173039 | .3701234 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5010710 | .0106933 | .0106873 | 9.361231 | .0250321 | .0956102 |
| Stddev | .0026816 | .0001103 | .0000924 | .058241  | .0005066 | .0014422 |
| %RSD   | .5351809 | 1.031489 | .8648693 | .6221512 | 2.023709 | 1.508379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5028592 | .0105861 | .0106171 | 9.413738 | .0250003 | .0943855 |
| #2 | .5023662 | .0106874 | .0106528 | 9.298587 | .0255538 | .0952452 |
| #3 | .4979876 | .0108064 | .0107920 | 9.371370 | .0245422 | .0971997 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0494708 | F .2711467 | .0354874 | 10.17159 | .0793055 | .0188491 |
| Stddev | .0012838 | .0053726   | .0008802 | .08073   | .0003743 | .0004156 |
| %RSD   | 2.595040 | 1.981420   | 2.480398 | .7936543 | .4719975 | 2.204958 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0489185 | .2752301 | .0353983 | 10.26121 | .0790453 | .0193290 |
| #2 | .0509383 | .2731496 | .0346551 | 10.14901 | .0791366 | .0186026 |
| #3 | .0485556 | .2650604 | .0364088 | 10.10456 | .0797345 | .0186158 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.326399 | .1047723 | .1175796 | 8.805154 | F .5531960 | F .0184892 |
| Stddev | .069989  | .0019871 | .0013345 | .027093  | .0408571   | .0009476   |
| %RSD   | .7504356 | 1.896555 | 1.135005 | .3076920 | 7.385651   | 5.125216   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.249138 | .1044735 | .1180205 | 8.823375 | .5497008 | .0175360 |
| #2 | 9.385560 | .1068918 | .1160804 | 8.774020 | .5141987 | .0194311 |
| #3 | 9.344498 | .1029515 | .1186378 | 8.818066 | .5956884 | .0185005 |

Sample Name: PB103063BS      Acquired: 10/10/2017 18:01:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0225444 | .1897756 | .1979211 | F .0153580 | .2009100 | .0880023 |
| Stddev | .0011237 | .0024275 | .0016663 | .0014654   | .0006362 | .0000768 |
| %RSD   | 4.984341 | 1.279129 | .8419205 | 9.541755   | .3166823 | .0873312 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0214488 | .1915540 | .1960088 | .0168765 | .2013213 | .0880439 |
| #2 | .0224900 | .1907627 | .1986926 | .0152452 | .2001772 | .0880493 |
| #3 | .0236942 | .1870101 | .1990618 | .0139522 | .2012316 | .0879136 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2057089 |
| Stddev | .0003739 |
| %RSD   | .1817579 |

|    |          |
|----|----------|
| #1 | .2053728 |
| #2 | .2056422 |
| #3 | .2061116 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 970.5383 | 1046.865 | 46102.13 | 10299.20 | 2574.003 |
| Stddev    | 18.0071  | 8.289    | 645.34   | 18.48    | 17.946   |
| %RSD      | 1.855368 | .7917844 | 1.399815 | .1794273 | .6972175 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 949.8500 | 1055.654 | 45356.97 | 10282.77 | 2591.215 |
| #2 | 982.6854 | 1045.752 | 46469.69 | 10319.21 | 2575.389 |
| #3 | 979.0794 | 1039.188 | 46479.73 | 10295.62 | 2555.403 |

Sample Name: PB103051BL      Acquired: 10/10/2017 18:05:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000316 | -.002001 | -.000593 | -.001467 | .0000963 | .0011837 |
| Stddev | .002754  | .001475  | .001226  | .001603  | .0009615 | .0027020 |
| %RSD   | 870.3046 | 73.72131 | 206.6685 | 109.2513 | 997.9299 | 228.2763 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000258 | -.003596 | -.002007 | -.001980 | -.000710 | .0002159 |
| #2 | -.003099 | -.000688 | .000182  | -.002751 | -.000162 | -.000901 |
| #3 | .002407  | -.001718 | .000045  | .000329  | .001161  | .004236  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002220 | -.000124 | -.000075 | -.002614 | -.000399 | .0002264 |
| Stddev | .0003031 | .000022  | .000105  | .003481  | .000261  | .0000441 |
| %RSD   | 136.5282 | 17.65984 | 138.9664 | 133.1699 | 65.34247 | 19.48720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002736 | -.000131 | -.000046 | .001386  | -.000698 | .0002546 |
| #2 | -.000104 | -.000100 | .000011  | -.004272 | -.000213 | .0001756 |
| #3 | .000496  | -.000142 | -.000191 | -.004955 | -.000288 | .0002491 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003745 | .0020795 | .0002587 | .0017121 | -.000111 | -.000290 |
| Stddev | .0004831 | .0051505 | .0003555 | .0097196 | .000029  | .000123  |
| %RSD   | 129.0048 | 247.6777 | 137.3993 | 567.6923 | 26.37136 | 42.51554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002448 | -.003819 | -.000105 | .0122100 | -.000080 | -.000162 |
| #2 | .0009092 | .005688  | .000605  | -.006974 | -.000116 | -.000408 |
| #3 | -.000031 | .004369  | .000276  | -.000099 | -.000138 | -.000299 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0543704 | .0014850 | -.000188 | -.022987 | F .0217938 | -.003971 |
| Stddev | .0719547 | .0005382 | .000677  | .018800  | .0290829   | .000705  |
| %RSD   | 132.3416 | 36.24404 | 360.4083 | 81.78586 | 133.4456   | 17.76172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1126274 | .0014975 | -.000824 | -.001362 | -.001231 | -.003233 |
| #2 | .0765457 | .0020169 | .000524  | -.035451 | .012135  | -.004639 |
| #3 | -.026062 | .0009406 | -.000264 | -.032148 | .054477  | -.004040 |

Sample Name: PB103051BL      Acquired: 10/10/2017 18:05:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: PBS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000285 | -.006243 | .0003428 | .0012647 | .0001544 | -.000085 |
| Stddev | .000214  | .002103  | .0010427 | .0012953 | .0001440 | .000063  |
| %RSD   | 75.16879 | 33.67956 | 304.1857 | 102.4211 | 93.21374 | 74.74042 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000458 | -.004581 | -.000763 | .0001426 | .0000559 | -.000154 |
| #2 | -.000046 | -.005541 | .000482  | .0009693 | .0000877 | -.000028 |
| #3 | -.000350 | -.008606 | .001309  | .0026822 | .0003197 | -.000073 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000080 |
| Stddev | .000015  |
| %RSD   | 18.40809 |

|    |          |
|----|----------|
| #1 | -.000089 |
| #2 | -.000087 |
| #3 | -.000063 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1035.615 | 1123.747 | 48630.22 | 10618.19 | 2833.490 |
| Stddev    | 3.634    | 4.982    | 119.27   | 12.91    | 10.079   |
| %RSD      | .3509012 | .4433360 | .2452601 | .1215682 | .3557058 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1039.025 | 1118.334 | 48557.33 | 10633.08 | 2826.067 |
| #2 | 1031.792 | 1124.766 | 48565.48 | 10610.05 | 2829.440 |
| #3 | 1036.028 | 1128.141 | 48767.86 | 10611.45 | 2844.965 |

Sample Name: PB103051BS      Acquired: 10/10/2017 18:10:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0244314 | .0557138 | .0217486 | .0675470 | .1123958 | .3629777 |
| Stddev | .0028386 | .0009292 | .0017708 | .0024298 | .0034582 | .0054334 |
| %RSD   | 11.61868 | 1.667821 | 8.141945 | 3.597219 | 3.076775 | 1.496885 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0214174 | .0563992 | .0198389 | .0669928 | .1152393 | .3675536 |
| #2 | .0248229 | .0546562 | .0220708 | .0654421 | .1134020 | .3644070 |
| #3 | .0270539 | .0560860 | .0233362 | .0702060 | .1085461 | .3569726 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5075254 | .0108895 | .0109410 | 9.586349 | .0241787 | .0960130 |
| Stddev | .0134220 | .0000990 | .0000989 | .017680  | .0004943 | .0005438 |
| %RSD   | 2.644605 | .9093072 | .9039701 | .1844251 | 2.044446 | .5663813 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5223783 | .0110021 | .0108271 | 9.591228 | .0241451 | .0956199 |
| #2 | .5039323 | .0108158 | .0110051 | 9.566743 | .0237020 | .0957855 |
| #3 | .4962655 | .0108507 | .0109909 | 9.601078 | .0246889 | .0966336 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0482473 | .2222640 | .0327856 | 10.06037 | .0797468 | .0189628 |
| Stddev | .0017957 | .0065821 | .0010097 | .11744   | .0000998 | .0000766 |
| %RSD   | 3.721765 | 2.961387 | 3.079615 | 1.167320 | .1251142 | .4037497 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0490441 | .2234111 | .0334833 | 10.18260 | .0797875 | .0189354 |
| #2 | .0495067 | .2281971 | .0332456 | 10.05011 | .0798197 | .0190493 |
| #3 | .0461912 | .2151837 | .0316278 | 9.94840  | .0796331 | .0189037 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.261533 | .1046248 | .1158489 | 9.128543 | F .4458852 | F .0190566 |
| Stddev | .129087  | .0021279 | .0037472 | .081345  | .0182584   | .0002068   |
| %RSD   | 1.393796 | 2.033829 | 3.234570 | .8911010 | 4.094859   | 1.084918   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.381761 | .1029535 | .1142276 | 9.208182 | .4324508 | .0189767 |
| #2 | 9.125115 | .1039006 | .1131853 | 9.131852 | .4385310 | .0189017 |
| #3 | 9.277721 | .1070203 | .1201337 | 9.045594 | .4666739 | .0192914 |

Sample Name: PB103051BS      Acquired: 10/10/2017 18:10:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0216301 | .1947460 | .1951304 | F .0160523 | .1992404 | .0868094 |
| Stddev | .0003410 | .0054896 | .0023364 | .0003731   | .0012549 | .0006171 |
| %RSD   | 1.576675 | 2.818862 | 1.197358 | 2.324307   | .6298575 | .7108460 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0219189 | .1969470 | .1973794 | .0156385 | .2005778 | .0875212 |
| #2 | .0217176 | .1884974 | .1952965 | .0163632 | .1980886 | .0864825 |
| #3 | .0212539 | .1987935 | .1927154 | .0161551 | .1990547 | .0864246 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2042568 |
| Stddev | .0007503 |
| %RSD   | .3673281 |

|    |          |
|----|----------|
| #1 | .2051078 |
| #2 | .2036905 |
| #3 | .2039720 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1013.292 | 1106.321 | 47061.34 | 10650.18 | 2677.152 |
| Stddev    | 2.736    | 6.299    | 184.87   | 71.03    | 13.500   |
| %RSD      | .2699935 | .5693785 | .3928260 | .6669581 | .5042509 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1015.095 | 1103.130 | 47138.22 | 10569.68 | 2671.356 |
| #2 | 1014.637 | 1113.577 | 47195.37 | 10676.86 | 2692.582 |
| #3 | 1010.144 | 1102.255 | 46850.44 | 10704.02 | 2667.519 |



Sample Name: I5552-13      Acquired: 10/10/2017 18:14:15      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0354930 | -.012814 | .0827306 | .0035962 | .0046151 | 43.18661 | .2163777 |
| Stddev | .0060878 | .001794  | .0006045 | .0034929 | .0016312 | 1.33833  | .0058368 |
| %RSD   | 17.15218 | 13.99658 | .7307211 | 97.12942 | 35.34457 | 3.098945 | 2.697500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0354503 | -.013518 | .0834167 | .0045389 | .0055161 | 41.82078 | .2101131 |
| #2 | .0294267 | -.010775 | .0824992 | -.000271 | .0027322 | 43.24343 | .2173572 |
| #3 | .0416021 | -.014148 | .0822760 | .006521  | .0055971 | 44.49563 | .2216627 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016235 | .0011625 | 5.062125 | .0639191 | .0082423 | .0318476 | 46.04418 |
| Stddev | .0000485 | .0002023 | .131564  | .0004843 | .0005062 | .0026840 | 1.45160  |
| %RSD   | 2.985004 | 17.40421 | 2.598981 | .7576822 | 6.142070 | 8.427761 | 3.152618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016200 | .0013757 | 4.939792 | .0642555 | .0085928 | .0295052 | 44.60132 |
| #2 | .0015769 | .0011384 | 5.045286 | .0641378 | .0076619 | .0312612 | 46.02685 |
| #3 | .0016736 | .0009733 | 5.201297 | .0633640 | .0084722 | .0347763 | 47.50436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2956623 | 2.312726 | .0232357 | .0008999 | .2753237 | .0927683 | .0950904 |
| Stddev | .0091501 | .048235  | .0002944 | .0000936 | .0597380 | .0025883 | .0044592 |
| %RSD   | 3.094795 | 2.085653 | 1.266980 | 10.40421 | 21.69738 | 2.790086 | 4.689473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2859136 | 2.274219 | .0235457 | .0008393 | .3028192 | .0898276 | .1002026 |
| #2 | .2970085 | 2.297129 | .0229599 | .0010078 | .3163632 | .0947009 | .0920015 |
| #3 | .3040647 | 2.366830 | .0232014 | .0008528 | .2067889 | .0937765 | .0930670 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7082470 | 19.96134 | -.131463 | .0025869 | .1666160 | 6.707681 | .0062753 |
| Stddev | .0572056 | .18441   | .003269  | .0001412 | .0040258 | .165976  | .0010635 |
| %RSD   | 8.077069 | .9238372 | 2.486530 | 5.458924 | 2.416220 | 2.474423 | 16.94662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6560465 | 19.74997 | -.127854 | .0025558 | .1677906 | 6.555458 | .0056503 |
| #2 | .6992929 | 20.08934 | -.132310 | .0027411 | .1699238 | 6.682950 | .0075032 |
| #3 | .7694017 | 20.04471 | -.134225 | .0024638 | .1621335 | 6.884636 | .0056724 |

Sample Name: I5552-13      Acquired: 10/10/2017 18:14:15      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4876460 | .0153050 | .0532579 |
| Stddev | .0135804 | .0003017 | .0015371 |
| %RSD   | 2.784885 | 1.971164 | 2.886112 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4730323 | .0149577 | .0516861 |
| #2 | .4900278 | .0155020 | .0533297 |
| #3 | .4998779 | .0154555 | .0547578 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 998.6640 | 1063.325 | 47283.32 | 10667.25 | 2544.177 |
| Stddev    | 6.1262   | 12.287   | 244.23   | 247.39   | 25.251   |
| %RSD      | .6134401 | 1.155569 | .5165247 | 2.319124 | .9924947 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1001.098 | 1068.709 | 47261.83 | 10906.64 | 2556.253 |
| #2 | 991.695  | 1072.001 | 47050.55 | 10682.54 | 2561.123 |
| #3 | 1003.199 | 1049.264 | 47537.59 | 10412.57 | 2515.156 |

Sample Name: I5552-14      Acquired: 10/10/2017 18:18:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BY1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0356941 | -.013993 | .0840571 | .0023009 | .0018707 | 45.42560 | .2284545 |
| Stddev | .0026299 | .001792  | .0026475 | .0017876 | .0007297 | 3.11595  | .0143942 |
| %RSD   | 7.367870 | 12.80880 | 3.149609 | 77.69443 | 39.00881 | 6.859456 | 6.300674 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0377311 | -.012231 | .0811966 | .0040195 | .0027090 | 49.02336 | .2450752 |
| #2 | .0327251 | -.015815 | .0864213 | .0004514 | .0013776 | 43.59165 | .2200669 |
| #3 | .0366261 | -.013933 | .0845535 | .0024316 | .0015256 | 43.66178 | .2202214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015279 | .0011635 | 5.222424 | .0627298 | .0081230 | .0339697 | 48.08496 |
| Stddev | .0000337 | .0001770 | .306364  | .0012145 | .0002124 | .0030871 | 3.20497  |
| %RSD   | 2.203022 | 15.21579 | 5.866318 | 1.936036 | 2.615292 | 9.087747 | 6.665232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014901 | .0011702 | 5.576105 | .0636395 | .0083636 | .0374514 | 51.78495 |
| #2 | .0015547 | .0009833 | 5.051996 | .0613507 | .0079614 | .0328906 | 46.30139 |
| #3 | .0015389 | .0013372 | 5.039171 | .0631993 | .0080439 | .0315670 | 46.16853 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3069862 | 2.419361 | .0233175 | .0011023 | .2494797 | .0964867 | .0954183 |
| Stddev | .0204738 | .181136  | .0003298 | .0004636 | .0574652 | .0084150 | .0019687 |
| %RSD   | 6.669295 | 7.486951 | 1.414237 | 42.05537 | 23.03402 | 8.721445 | 2.063252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3305525 | 2.627262 | .0229393 | .0016245 | .2291153 | .1061861 | .0941841 |
| #2 | .2968303 | 2.335238 | .0234688 | .0007395 | .3143539 | .0921409 | .0976887 |
| #3 | .2935757 | 2.295582 | .0235445 | .0009428 | .2049699 | .0911330 | .0943820 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8015355 | 20.06664 | -.137116 | .0027094 | .1681368 | 6.974084 | .0069515 |
| Stddev | .1029991 | .20264   | .007593  | .0005430 | .0072746 | .425884  | .0009500 |
| %RSD   | 12.85023 | 1.009829 | 5.537789 | 20.04142 | 4.326615 | 6.106666 | 13.66649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9202871 | 19.97174 | -.145882 | .0023058 | .1741382 | 7.465661 | .0080327 |
| #2 | .7478497 | 19.92887 | -.132593 | .0024956 | .1600462 | 6.716430 | .0062502 |
| #3 | .7364698 | 20.29931 | -.132872 | .0033267 | .1702262 | 6.740160 | .0065716 |

Sample Name: I5552-14      Acquired: 10/10/2017 18:18:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BY1D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5113852 | .0163556 | .0558207 |
| Stddev | .0349171 | .0012756 | .0038036 |
| %RSD   | 6.827948 | 7.799174 | 6.813920 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5516727 | .0178250 | .0602127 |
| #2 | .4898657 | .0155320 | .0536141 |
| #3 | .4926172 | .0157099 | .0536354 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 987.5511 | 1043.034 | 47376.68 | 10264.74 | 2516.135 |
| Stddev    | 11.2194  | 5.447    | 730.80   | 611.30   | 9.718    |
| %RSD      | 1.136079 | .5222431 | 1.542521 | 5.955367 | .3862457 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 987.0767 | 1043.673 | 47128.31 | 9559.29  | 2519.893 |
| #2 | 999.0002 | 1048.134 | 48199.28 | 10638.72 | 2523.413 |
| #3 | 976.5765 | 1037.296 | 46802.43 | 10596.20 | 2505.098 |

Sample Name: I5552-15      Acquired: 10/10/2017 18:22:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BY1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1125957 | .1370276 | .1240544 | .0949160 | .1025620 | 43.70560 | 4.621346 |
| Stddev | .0052044 | .0030974 | .0011124 | .0027911 | .0003196 | 1.01195  | .109743  |
| %RSD   | 4.622198 | 2.260393 | .8967019 | 2.940644 | .3116348 | 2.315387 | 2.374696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1141255 | .1404149 | .1235901 | .0931895 | .1029065 | 43.29419 | 4.580043 |
| #2 | .1168637 | .1343399 | .1253238 | .0981361 | .1022751 | 42.96414 | 4.538248 |
| #3 | .1067978 | .1363279 | .1232495 | .0934224 | .1025044 | 44.85846 | 4.745747 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0984365 | .1157568 | 4.200361 | .5000273 | 1.018832 | .5347129 | 42.82915 |
| Stddev | .0018946 | .0011374 | .095195  | .0080569 | .004169  | .0132094 | 1.09849  |
| %RSD   | 1.924731 | .9825884 | 2.266353 | 1.611285 | .4091547 | 2.470377 | 2.564830 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0984289 | .1147155 | 4.159058 | .4907253 | 1.015350 | .5308782 | 42.29821 |
| #2 | .0965457 | .1155842 | 4.132793 | .5045416 | 1.017695 | .5238452 | 42.09698 |
| #3 | .1003349 | .1169706 | 4.309232 | .5048148 | 1.023451 | .5494155 | 44.09225 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.460344 | 2.368431 | 1.040708 | .0037365 | .2433041 | 1.207193 | 1.035542 |
| Stddev | .038657  | .032236  | .000622  | .0003009 | .0223704 | .027225  | .017465  |
| %RSD   | 2.647082 | 1.361090 | .0597661 | 8.051533 | 9.194415 | 2.255262 | 1.686589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.440857 | 2.350716 | 1.041016 | .0033891 | .2182492 | 1.188422 | 1.016635 |
| #2 | 1.435310 | 2.348937 | 1.039992 | .0039107 | .2612744 | 1.194740 | 1.051073 |
| #3 | 1.504866 | 2.405640 | 1.041115 | .0039097 | .2503886 | 1.238418 | 1.038918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7421135 | 15.80199 | -.123000 | .0023528 | .1229244 | 6.533972 | .0084160 |
| Stddev | .0247054 | .01206   | .001602  | .0004072 | .0068911 | .149815  | .0007291 |
| %RSD   | 3.329054 | .0763005 | 1.302057 | 17.30727 | 5.605948 | 2.292864 | 8.663325 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7349709 | 15.80902 | -.123722 | .0028121 | .1249972 | 6.475063 | .0075861 |
| #2 | .7217664 | 15.80889 | -.121165 | .0020361 | .1152348 | 6.422566 | .0087080 |
| #3 | .7696033 | 15.78807 | -.124114 | .0022100 | .1285412 | 6.704288 | .0089538 |

Sample Name: I5552-15      Acquired: 10/10/2017 18:22:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BY1S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4286034 | .0156176 | .0429389 |
| Stddev | .0096494 | .0006885 | .0010547 |
| %RSD   | 2.251364 | 4.408759 | 2.456235 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4218083 | .0155363 | .0424427 |
| #2 | .4243536 | .0149733 | .0422239 |
| #3 | .4396482 | .0163432 | .0441502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 994.7762 | 1052.290 | 47340.26 | 10283.17 | 2540.876 |
| Stddev    | 9.2844   | 15.881   | 720.01   | 203.93   | 24.524   |
| %RSD      | .9333176 | 1.509228 | 1.520922 | 1.983148 | .9651624 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1004.766 | 1040.475 | 48163.50 | 10342.26 | 2520.615 |
| #2 | 986.411  | 1046.053 | 46828.01 | 10451.04 | 2533.875 |
| #3 | 993.152  | 1070.344 | 47029.28 | 10056.22 | 2568.140 |

Sample Name: I5552-13LX5      Acquired: 10/10/2017 18:26:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BY1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081437 | -.002100 | .0180037 | -.001018 | .0014686 | 8.818578 | .0475851 |
| Stddev | .0005747 | .001580  | .0007277 | .003181  | .0007883 | .022039  | .0003649 |
| %RSD   | 7.056366 | 75.23232 | 4.042061 | 312.6103 | 53.67821 | .2499176 | .7667922 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079221 | -.001296 | .0171652 | -.004691 | .0005586 | 8.797374 | .0478414 |
| #2 | .0087962 | -.003919 | .0183747 | .000774  | .0019419 | 8.816992 | .0477467 |
| #3 | .0077128 | -.001083 | .0184711 | .000864  | .0019052 | 8.841367 | .0471674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003370 | .0001873 | 1.062419 | .0132332 | .0021731 | .0076334 | 9.555886 |
| Stddev | .0000242 | .0000436 | .005149  | .0000634 | .0001254 | .0007229 | .018710  |
| %RSD   | 7.185086 | 23.26662 | .4846336 | .4792385 | 5.768878 | 9.470622 | .1957961 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003627 | .0002077 | 1.064368 | .0132890 | .0020630 | .0075201 | 9.541388 |
| #2 | .0003146 | .0002170 | 1.066309 | .0131642 | .0023096 | .0069738 | 9.577007 |
| #3 | .0003338 | .0001373 | 1.056580 | .0132463 | .0021467 | .0084063 | 9.549264 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0624926 | .4834558 | .0048854 | -.000061 | .1095466 | .0192454 | .0203353 |
| Stddev | .0004780 | .0154080 | .0001754 | .000158  | .0244668 | .0008715 | .0025164 |
| %RSD   | .7648694 | 3.187061 | 3.590745 | 259.4553 | 22.33462 | 4.528311 | 12.37471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0625260 | .4893658 | .0050481 | .000027  | .0971680 | .0202413 | .0215044 |
| #2 | .0629529 | .4659677 | .0049087 | .000034  | .1377291 | .0186227 | .0174470 |
| #3 | .0619987 | .4950339 | .0046995 | -.000243 | .0937426 | .0188720 | .0220546 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0970774 | 3.982428 | -.032610 | .0003503 | .0320979 | 1.462455 | .0015090 |
| Stddev | .0128945 | .070951  | .001624  | .0002593 | .0039759 | .005754  | .0009320 |
| %RSD   | 13.28272 | 1.781610 | 4.978726 | 74.03015 | 12.38668 | .3934283 | 61.76316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0933831 | 3.979325 | -.033561 | .0005005 | .0362860 | 1.459697 | .0008607 |
| #2 | .1114158 | 3.913079 | -.030736 | .0000509 | .0283753 | 1.469068 | .0025770 |
| #3 | .0864332 | 4.054880 | -.033534 | .0004996 | .0316325 | 1.458599 | .0010893 |

Sample Name: I5552-13LX5      Acquired: 10/10/2017 18:26:30      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BY1L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0995844 | .0027145 | .0106724 |
| Stddev | .0003189 | .0000946 | .0000065 |
| %RSD   | .3202097 | 3.485226 | .0612237 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0998778 | .0028150 | .0106740 |
| #2 | .0992450 | .0026272 | .0106653 |
| #3 | .0996302 | .0027014 | .0106780 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1047.863 | 1138.971 | 48868.52 | 10710.10 | 2793.187 |
| Stddev    | 5.196    | 7.676    | 121.75   | 9.39     | 13.800   |
| %RSD      | .4958721 | .6739838 | .2491461 | .0876853 | .4940485 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1051.575 | 1131.073 | 49008.60 | 10714.08 | 2779.790 |
| #2 | 1050.090 | 1139.437 | 48808.89 | 10716.85 | 2792.412 |
| #3 | 1041.925 | 1146.404 | 48788.08 | 10699.38 | 2807.357 |



Sample Name: I5553-16      Acquired: 10/10/2017 18:30:39      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0123792 | -.010487 | .0219422 | .0011355 | .0019997 | 21.37755 | .0891103 |
| Stddev | .0008759 | .003562  | .0011475 | .0021843 | .0011641 | .17246   | .0003015 |
| %RSD   | 7.075617 | 33.96104 | 5.229476 | 192.3689 | 58.21543 | .8067283 | .3383617 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0118065 | -.006380 | .0224248 | .0035655 | .0006578 | 21.36517 | .0889430 |
| #2 | .0133875 | -.012366 | .0206323 | -.000664 | .0027383 | 21.21162 | .0889294 |
| #3 | .0119435 | -.012716 | .0227696 | .000505  | .0026030 | 21.55587 | .0894583 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007471 | .0005689 | 1.625885 | .0374575 | .0061697 | .0176534 | 34.52500 |
| Stddev | .0000683 | .0000691 | .014414  | .0004240 | .0003201 | .0004388 | .22906   |
| %RSD   | 9.149416 | 12.15338 | .8865341 | 1.131926 | 5.187899 | 2.485793 | .6634596 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008250 | .0006382 | 1.631466 | .0377785 | .0062523 | .0177506 | 34.40607 |
| #2 | .0006975 | .0004999 | 1.609515 | .0369768 | .0058164 | .0171741 | 34.37987 |
| #3 | .0007186 | .0005687 | 1.636673 | .0376171 | .0064403 | .0180354 | 34.78906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1248516 | 1.359019 | .0100019 | .0007500 | .2267720 | .0592825 | .0202812 |
| Stddev | .0011068 | .014025  | .0001796 | .0003166 | .0497681 | .0028630 | .0027914 |
| %RSD   | .8864616 | 1.032003 | 1.795994 | 42.20363 | 21.94630 | 4.829402 | 13.76355 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1243021 | 1.361161 | .0097946 | .0010935 | .2041872 | .0611581 | .0215317 |
| #2 | .1241271 | 1.344046 | .0100993 | .0004700 | .2838280 | .0607024 | .0170832 |
| #3 | .1261256 | 1.371849 | .0101117 | .0006867 | .1923008 | .0559871 | .0222288 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1683406 | 7.642458 | -.103860 | .0011070 | .0407973 | 3.990346 | .0036459 |
| Stddev | .0218901 | .347969  | .001222  | .0003253 | .0052143 | .021209  | .0012364 |
| %RSD   | 13.00348 | 4.553107 | 1.176121 | 29.38441 | 12.78097 | .5315126 | 33.91126 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1745469 | 7.519972 | -.103532 | .0007467 | .0360136 | 3.993982 | .0037957 |
| #2 | .1864575 | 7.372294 | -.102835 | .0013790 | .0400227 | 3.967554 | .0048005 |
| #3 | .1440175 | 8.035108 | -.105212 | .0011954 | .0463556 | 4.009502 | .0023414 |

Sample Name: I5553-16      Acquired: 10/10/2017 18:30:39      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0C02      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5340158 | .0065949 | .0174018 |
| Stddev | .0047651 | .0003364 | .0000924 |
| %RSD   | .8923123 | 5.100541 | .5308318 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5314159 | .0063466 | .0173992 |
| #2 | .5311162 | .0064604 | .0173107 |
| #3 | .5395153 | .0069777 | .0174954 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 995.9489 | 1074.986 | 47414.39 | 10468.15 | 2597.976 |
| Stddev    | 8.1137   | 25.139   | 146.42   | 45.28    | 68.802   |
| %RSD      | .8146671 | 2.338535 | .3088151 | .4325388 | 2.648282 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 986.6241 | 1080.864 | 47273.21 | 10436.51 | 2623.574 |
| #2 | 999.8253 | 1096.665 | 47565.54 | 10520.02 | 2650.308 |
| #3 | 1001.397 | 1047.429 | 47404.42 | 10447.92 | 2520.044 |

Sample Name: I5553-17      Acquired: 10/10/2017 18:34:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091105 | -.008335 | .0199224 | .0011362 | .0027973 | 21.16133 | .0887750 |
| Stddev | .0025874 | .001820  | .0006767 | .0032578 | .0014042 | .07356   | .0007387 |
| %RSD   | 28.39977 | 21.83545 | 3.396796 | 286.7278 | 50.19864 | .3476372 | .8321145 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062021 | -.006727 | .0204905 | .0047670 | .0044177 | 21.24592 | .0895833 |
| #2 | .0099728 | -.007967 | .0191737 | -.001531 | .0019384 | 21.12571 | .0881349 |
| #3 | .0111567 | -.010311 | .0201029 | .000173  | .0020357 | 21.11235 | .0886066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008058 | .0005105 | 1.567310 | .0369049 | .0060466 | .0206584 | 34.18059 |
| Stddev | .0000417 | .0000683 | .028010  | .0007558 | .0002989 | .0003403 | .09127   |
| %RSD   | 5.168855 | 13.38660 | 1.787133 | 2.047823 | 4.943045 | 1.647409 | .2670248 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008468 | .0005883 | 1.575647 | .0361051 | .0063408 | .0205631 | 34.28081 |
| #2 | .0007635 | .0004602 | 1.590205 | .0376071 | .0060558 | .0203759 | 34.10226 |
| #3 | .0008070 | .0004829 | 1.536078 | .0370027 | .0057432 | .0210362 | 34.15868 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1234328 | 1.361276 | .0098131 | .0006639 | .1914325 | .0593986 | .0235753 |
| Stddev | .0010461 | .019686  | .0006501 | .0003183 | .0716253 | .0026324 | .0057669 |
| %RSD   | .8475191 | 1.446163 | 6.624537 | 47.93896 | 37.41545 | 4.431708 | 24.46163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1246262 | 1.363354 | .0090689 | .0004209 | .1942767 | .0613785 | .0220912 |
| #2 | .1226745 | 1.340634 | .0102702 | .0005466 | .2615934 | .0564113 | .0186955 |
| #3 | .1229976 | 1.379842 | .0101002 | .0010242 | .1184275 | .0604061 | .0299392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1336519 | 7.519500 | -.103481 | .0025905 | .0410182 | 3.963459 | .0035550 |
| Stddev | .0043033 | .058802  | .001361  | .0002331 | .0071148 | .005912  | .0010610 |
| %RSD   | 3.219807 | .7819888 | 1.315078 | 8.997238 | 17.34557 | .1491599 | 29.84470 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1383015 | 7.497678 | -.103323 | .0027007 | .0453263 | 3.969706 | .0036162 |
| #2 | .1328451 | 7.474729 | -.102206 | .0023228 | .0449224 | 3.962718 | .0024647 |
| #3 | .1298091 | 7.586093 | -.104914 | .0027481 | .0328060 | 3.957952 | .0045840 |

Sample Name: I5553-17      Acquired: 10/10/2017 18:34:47      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5261138 | .0064047 | .0172964 |
| Stddev | .0023943 | .0001133 | .0000381 |
| %RSD   | .4550924 | 1.768480 | .2203116 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5285114 | .0065341 | .0173401 |
| #2 | .5261073 | .0063232 | .0172697 |
| #3 | .5237228 | .0063569 | .0172796 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1007.387 | 1073.887 | 47828.74 | 10579.47 | 2626.828 |
| Stddev    | 7.462    | 7.555    | 153.82   | 44.68    | 11.588   |
| %RSD      | .7407409 | .7035158 | .3215995 | .4223421 | .4411324 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1001.444 | 1079.028 | 47669.90 | 10527.88 | 2633.132 |
| #2 | 1015.762 | 1077.420 | 47976.99 | 10604.50 | 2633.896 |
| #3 | 1004.955 | 1065.213 | 47839.32 | 10606.03 | 2613.454 |

Sample Name: I5553-18      Acquired: 10/10/2017 18:38:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0759682 | .1174345 | .0650199 | .0822411 | .1025191 | 29.34744 | 4.448759 |
| Stddev | .0021538 | .0043562 | .0014255 | .0045848 | .0015181 | .13950   | .023868  |
| %RSD   | 2.835097 | 3.709449 | 2.192408 | 5.574798 | 1.480781 | .4753338 | .5365020 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0749508 | .1213398 | .0638219 | .0770288 | .1033866 | 29.40737 | 4.466225 |
| #2 | .0784422 | .1127364 | .0665965 | .0856499 | .1007662 | 29.44696 | 4.458489 |
| #3 | .0745116 | .1182273 | .0646413 | .0840446 | .1034044 | 29.18799 | 4.421564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0942908 | .0973368 | 2.037690 | .4891543 | 1.006904 | .5156799 | 40.97897 |
| Stddev | .0001954 | .0006034 | .023611  | .0012370 | .002400  | .0018461 | .30181   |
| %RSD   | .2071808 | .6198991 | 1.158716 | .2528910 | .2383632 | .3579933 | .7365085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0940678 | .0966612 | 2.018542 | .4879579 | 1.005319 | .5146384 | 40.99023 |
| #2 | .0943733 | .0975268 | 2.064072 | .4904283 | 1.005727 | .5178114 | 41.27500 |
| #3 | .0944314 | .0978222 | 2.030456 | .4890767 | 1.009665 | .5145898 | 40.67169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.207315 | 1.761419 | 1.031136 | .0003714 | .2450519 | 1.163274 | .9541289 |
| Stddev | .004975  | .041064  | .004962  | .0002024 | .0613438 | .005683  | .0071192 |
| %RSD   | .4120918 | 2.331297 | .4812201 | 54.50241 | 25.03297 | .4885557 | .7461413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.202555 | 1.806722 | 1.027130 | .0002148 | .1938311 | 1.162641 | .9493541 |
| #2 | 1.212481 | 1.750893 | 1.029593 | .0006000 | .3130342 | 1.169248 | .9623114 |
| #3 | 1.206909 | 1.726643 | 1.036687 | .0002995 | .2282904 | 1.157934 | .9507211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3275316 | 8.262306 | -.120619 | .0008245 | .0282198 | 6.860844 | .0050395 |
| Stddev | .0016384 | .104821  | .000295  | .0000924 | .0009499 | .044371  | .0017815 |
| %RSD   | .5002206 | 1.268668 | .2448825 | 11.20605 | 3.366022 | .6467244 | 35.34959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3264600 | 8.382049 | -.120851 | .0008921 | .0292798 | 6.874769 | .0038009 |
| #2 | .3267173 | 8.217722 | -.120719 | .0008623 | .0274457 | 6.896583 | .0042366 |
| #3 | .3294176 | 8.187146 | -.120286 | .0007192 | .0279339 | 6.811181 | .0070811 |

Sample Name: I5553-18      Acquired: 10/10/2017 18:38:56      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5921469 | .0088212 | .0203277 |
| Stddev | .0040209 | .0000734 | .0001181 |
| %RSD   | .6790444 | .8318779 | .5810348 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5922303 | .0087377 | .0203985 |
| #2 | .5961255 | .0088505 | .0203932 |
| #3 | .5880849 | .0088754 | .0201913 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 986.7972 | 1057.697 | 47659.43 | 10499.15 | 2572.445 |
| Stddev    | 4.4700   | 4.575    | 215.58   | 55.41    | 6.857    |
| %RSD      | .4529801 | .4325012 | .4523249 | .5277837 | .2665381 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 989.0578 | 1052.498 | 47782.18 | 10506.47 | 2564.711 |
| #2 | 981.6484 | 1061.106 | 47410.51 | 10440.45 | 2574.843 |
| #3 | 989.6853 | 1059.487 | 47785.59 | 10550.54 | 2577.780 |

Sample Name: I5553-16LX5      Acquired: 10/10/2017 18:42:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046188 | -.004877 | .0042181 | .0007675 | .0009963 | 4.304706 | .0181473 |
| Stddev | .0027351 | .002164  | .0018424 | .0039315 | .0010320 | .015227  | .0002440 |
| %RSD   | 59.21609 | 44.37562 | 43.67792 | 512.2327 | 103.5810 | .3537241 | 1.344492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014987 | -.006531 | .0044133 | .0030066 | .0011430 | 4.317698 | .0178664 |
| #2 | .0066023 | -.002428 | .0059550 | .0030680 | -.000101 | 4.287950 | .0183070 |
| #3 | .0057554 | -.005671 | .0022859 | -.003772 | .001947  | 4.308470 | .0182684 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001023 | .0001365 | .3769191 | .0075559 | .0013611 | .0039205 | 6.959438 |
| Stddev | .0000541 | .0001664 | .0131246 | .0004348 | .0001858 | .0006445 | .019101  |
| %RSD   | 52.89217 | 121.9384 | 3.482074 | 5.754437 | 13.65136 | 16.43947 | .2744660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000477 | .0000472 | .3662950 | .0074797 | .0014048 | .0039628 | 6.977136 |
| #2 | .0001032 | .0000338 | .3728715 | .0080238 | .0015212 | .0032559 | 6.939190 |
| #3 | .0001559 | .0003285 | .3915907 | .0071643 | .0011573 | .0045429 | 6.961987 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0256998 | .2821035 | .0018142 | -.000065 | .1272506 | .0131393 | .0050706 |
| Stddev | .0005294 | .0149352 | .0003652 | .000238  | .0694442 | .0015558 | .0026588 |
| %RSD   | 2.060105 | 5.294237 | 20.12957 | 365.8181 | 54.57279 | 11.84073 | 52.43638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0262149 | .2697915 | .0022240 | .000028  | .0474366 | .0116316 | .0076642 |
| #2 | .0251571 | .2778014 | .0015234 | -.000335 | .1738501 | .0130473 | .0023510 |
| #3 | .0257274 | .2987176 | .0016951 | .000113  | .1604652 | .0147391 | .0051965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000857 | 1.504292 | -.026219 | .0001063 | .0136431 | .8459307 | .0008806 |
| Stddev | .007860  | .022396  | .000236  | .0002964 | .0019780 | .0059792 | .0013143 |
| %RSD   | 916.7520 | 1.488787 | .8994234 | 278.9027 | 14.49797 | .7068226 | 149.2553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009640 | 1.479313 | -.026458 | -.000173 | .0132091 | .8500133 | .0006406 |
| #2 | .001551  | 1.510983 | -.025987 | .000417  | .0119183 | .8390676 | -.000297 |
| #3 | .005517  | 1.522579 | -.026213 | .000075  | .0158021 | .8487114 | .002298  |

Sample Name: I5553-16LX5      Acquired: 10/10/2017 18:42:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C02L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1061951 | .0009099 | .0034313 |
| Stddev | .0005669 | .0003816 | .0000296 |
| %RSD   | .5337816 | 41.94113 | .8623156 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1068496 | .0004838 | .0033979 |
| #2 | .1058647 | .0010259 | .0034418 |
| #3 | .1058709 | .0012202 | .0034542 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1048.630 | 1127.690 | 49071.99 | 10654.41 | 2781.252 |
| Stddev    | 10.263   | 5.367    | 146.37   | 73.86    | 6.789    |
| %RSD      | .9787064 | .4758895 | .2982746 | .6931993 | .2440885 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1036.853 | 1122.898 | 48908.58 | 10576.72 | 2775.028 |
| #2 | 1053.372 | 1126.684 | 49116.31 | 10723.73 | 2780.236 |
| #3 | 1055.664 | 1133.489 | 49191.07 | 10662.78 | 2788.491 |



Sample Name: I5460-13      Acquired: 10/10/2017 18:47:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0269477 | -.009661 | .9610173 | .0024407 | .0037325 | 26.88846 | .9088038 |
| Stddev | .0053937 | .001565  | .0154921 | .0066235 | .0017137 | .40569   | .0138294 |
| %RSD   | 20.01546 | 16.20286 | 1.612050 | 271.3793 | 45.91244 | 1.508786 | 1.521714 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0310026 | -.009060 | .9480474 | .0090067 | .0031123 | 27.31540 | .9236884 |
| #2 | .0290144 | -.008485 | .9781719 | -.004239 | .0056699 | 26.84194 | .9063707 |
| #3 | .0208263 | -.011438 | .9568325 | .002554  | .0024152 | 26.50803 | .8963525 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008911 | .0051867 | 247.0473 | .0567646 | .0061771 | .0840465 | 37.73852 |
| Stddev | .0000438 | .0000212 | 1.9238   | .0051599 | .0004603 | .0013437 | .38269   |
| %RSD   | 4.915661 | .4081414 | .7787102 | 9.090000 | 7.451507 | 1.598794 | 1.014045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008870 | .0051955 | 249.2552 | .0521388 | .0057132 | .0855973 | 38.11554 |
| #2 | .0008494 | .0051625 | 246.1553 | .0558254 | .0066337 | .0832267 | 37.74961 |
| #3 | .0009367 | .0052020 | 245.7315 | .0623296 | .0061843 | .0833156 | 37.35041 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3745429 | 16.31185 | .0188549 | .0011199 | .7512590 | .0946034 | 1.083810 |
| Stddev | .0047657 | .23484   | .0007179 | .0001689 | .0506181 | .0048099 | .070367  |
| %RSD   | 1.272406 | 1.439689 | 3.807694 | 15.08474 | 6.737766 | 5.084251 | 6.492600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3797235 | 16.55613 | .0180567 | .0010735 | .8025993 | .0950148 | 1.005912 |
| #2 | .3735600 | 16.29166 | .0190600 | .0009790 | .7497822 | .0991943 | 1.102745 |
| #3 | .3703454 | 16.08776 | .0194480 | .0013072 | .7013955 | .0896010 | 1.142773 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.268086 | 20.54758 | -.091855 | .0030792 | 2.644320 | 8.994169 | .0144344 |
| Stddev | .047876  | .18845   | .001043  | .0005289 | .043364  | .079958  | .0021545 |
| %RSD   | 2.110855 | .9171158 | 1.135292 | 17.17753 | 1.639896 | .8890034 | 14.92594 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.304874 | 20.42558 | -.092619 | .0035346 | 2.614553 | 9.055615 | .0143100 |
| #2 | 2.285429 | 20.76462 | -.090667 | .0032041 | 2.694073 | 8.903766 | .0123448 |
| #3 | 2.213955 | 20.45253 | -.092279 | .0024990 | 2.624333 | 9.023125 | .0166483 |

Sample Name: I5460-13      Acquired: 10/10/2017 18:47:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7504741 | .0230323 | .8473350 |
| Stddev | .0091938 | .0005407 | .0117813 |
| %RSD   | 1.225060 | 2.347489 | 1.390399 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7608714 | .0234518 | .8592245 |
| #2 | .7471319 | .0232229 | .8471158 |
| #3 | .7434189 | .0224221 | .8356649 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 918.2178 | 970.2305 | 43314.69 | 10278.54 | 2196.751 |
| Stddev    | 55.8052  | 15.2874  | 2533.31  | 111.51   | 34.656   |
| %RSD      | 6.077559 | 1.575645 | 5.848613 | 1.084898 | 1.577619 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 979.9401 | 986.4391 | 45930.44 | 10159.92 | 2230.538 |
| #2 | 903.3876 | 956.0711 | 43140.86 | 10294.45 | 2161.286 |
| #3 | 871.3257 | 968.1814 | 40872.78 | 10381.24 | 2198.430 |

Sample Name: I5460-14      Acquired: 10/10/2017 18:51:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0246307 | -.012004 | .9106022 | .0038966 | .0026715 | 27.08276 | .9159481 |
| Stddev | .0014596 | .005046  | .0140084 | .0024371 | .0014092 | .13057   | .0025897 |
| %RSD   | 5.925796 | 42.03809 | 1.538367 | 62.54590 | 52.75012 | .4821045 | .2827320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0262509 | -.010684 | .9087179 | .0064467 | .0015085 | 27.16007 | .9183459 |
| #2 | .0234185 | -.007749 | .8976313 | .0015908 | .0022674 | 27.15620 | .9132018 |
| #3 | .0242228 | -.017580 | .9254573 | .0036522 | .0042386 | 26.93201 | .9162965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011012 | .0050432 | 247.8922 | .0543581 | .0059905 | .0849876 | 37.95101 |
| Stddev | .0001200 | .0002872 | 2.4390   | .0009160 | .0002383 | .0015817 | .49751   |
| %RSD   | 10.89689 | 5.694168 | .9839064 | 1.685195 | 3.977743 | 1.861102 | 1.310934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011726 | .0050944 | 249.4254 | .0553791 | .0058602 | .0862554 | 38.09764 |
| #2 | .0011683 | .0047339 | 249.1716 | .0540870 | .0062656 | .0854922 | 38.35873 |
| #3 | .0009627 | .0053014 | 245.0797 | .0536082 | .0058458 | .0832151 | 37.39666 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3762808 | 16.37573 | .0177332 | .0014001 | .7602435 | .0964486 | 1.075414 |
| Stddev | .0035189 | .01281   | .0010344 | .0005096 | .0392572 | .0025054 | .035452  |
| %RSD   | .9351661 | .0782381 | 5.832825 | 36.39763 | 5.163769 | 2.597693 | 3.296613 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3774997 | 16.37488 | .0177393 | .0008124 | .7159631 | .0981113 | 1.111921 |
| #2 | .3790280 | 16.38895 | .0166958 | .0017197 | .7907839 | .0935670 | 1.041120 |
| #3 | .3723145 | 16.36337 | .0187645 | .0016682 | .7739835 | .0976676 | 1.073203 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.272812 | 19.73598 | -.091561 | .0029011 | 2.509164 | 8.908725 | .0153516 |
| Stddev | .013315  | .51831   | .000308  | .0003099 | .047640  | .080197  | .0023060 |
| %RSD   | .5858603 | 2.626231 | .3367211 | 10.68258 | 1.898646 | .9002115 | 15.02130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.257563 | 19.92724 | -.091258 | .0027243 | 2.500732 | 8.832451 | .0179660 |
| #2 | 2.282140 | 19.14921 | -.091874 | .0027200 | 2.466303 | 8.992341 | .0144821 |
| #3 | 2.278733 | 20.13148 | -.091550 | .0032589 | 2.560457 | 8.901382 | .0136068 |

Sample Name: I5460-14      Acquired: 10/10/2017 18:51:14      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BP3D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7555264 | .0233086 | .8529509 |
| Stddev | .0049353 | .0005819 | .0023535 |
| %RSD   | .6532213 | 2.496414 | .2759180 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7566820 | .0237456 | .8550914 |
| #2 | .7597813 | .0226481 | .8533307 |
| #3 | .7501158 | .0235322 | .8504307 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 912.6924 | 984.2344 | 43620.79 | 10213.76 | 2256.994 |
| Stddev    | 41.3155  | 8.0618   | 993.45   | 15.55    | 23.289   |
| %RSD      | 4.526769 | .8190897 | 2.277465 | .1522382 | 1.031866 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 880.3643 | 978.7296 | 42725.47 | 10201.25 | 2243.173 |
| #2 | 959.2397 | 993.4880 | 44689.53 | 10231.17 | 2283.882 |
| #3 | 898.4734 | 980.4857 | 43447.37 | 10208.85 | 2243.926 |

Sample Name: I5460-15      Acquired: 10/10/2017 18:55:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1091207 | .1375196 | .9232777 | .1116653 | .1450182 | 37.67709 | 5.227066 |
| Stddev | .0115566 | .0021531 | .0113915 | .0007581 | .0034057 | .64434   | .083752  |
| %RSD   | 10.59063 | 1.565684 | 1.233811 | .6788581 | 2.348481 | 1.710171 | 1.602281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1135526 | .1350848 | .9284026 | .1107934 | .1458781 | 38.38178 | 5.310778 |
| #2 | .1178054 | .1391728 | .9312065 | .1121676 | .1479115 | 37.11802 | 5.143273 |
| #3 | .0960041 | .1383011 | .9102239 | .1120350 | .1412649 | 37.53146 | 5.227147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0983278 | .1258364 | 293.7547 | .4957670 | 1.061363 | .6143265 | 45.81293 |
| Stddev | .0012596 | .0013923 | 4.8972   | .0050921 | .011636  | .0117361 | .91113   |
| %RSD   | 1.281020 | 1.106398 | 1.667119 | 1.027107 | 1.096299 | 1.910399 | 1.988800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0997228 | .1266099 | 299.1066 | .4957575 | 1.069053 | .6265771 | 46.84565 |
| #2 | .0972739 | .1266703 | 292.6601 | .5008639 | 1.067059 | .6031835 | 45.47059 |
| #3 | .0979865 | .1242292 | 289.4973 | .4906798 | 1.047976 | .6132188 | 45.12256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.470011 | 14.97600 | 1.093202 | .0044386 | .9406236 | 1.227218 | 2.043187 |
| Stddev | .028669  | .26611   | .014157  | .0003265 | .0393785 | .021445  | .034458  |
| %RSD   | 1.950226 | 1.776919 | 1.294995 | 7.356016 | 4.186427 | 1.747433 | 1.686491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.502744 | 15.28218 | 1.101608 | .0044952 | .9630249 | 1.251887 | 2.024786 |
| #2 | 1.457923 | 14.80042 | 1.101140 | .0040875 | .8951548 | 1.216746 | 2.082939 |
| #3 | 1.449367 | 14.84540 | 1.076857 | .0047330 | .9636911 | 1.213021 | 2.021835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.021087 | 23.80660 | -.109082 | .0037912 | 2.940970 | 9.697927 | .0187065 |
| Stddev | .052645  | .43357   | .003130  | .0004495 | .027069  | .167358  | .0006346 |
| %RSD   | 1.742595 | 1.821209 | 2.869274 | 11.85607 | .9204195 | 1.725709 | 3.392525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.069784 | 24.04658 | -.110742 | .0041727 | 2.964092 | 9.876985 | .0192587 |
| #2 | 2.965227 | 24.06713 | -.105471 | .0032957 | 2.947624 | 9.545450 | .0188477 |
| #3 | 3.028250 | 23.30610 | -.111031 | .0039052 | 2.911194 | 9.671346 | .0180132 |

Sample Name: I5460-15      Acquired: 10/10/2017 18:55:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BP3S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9200444 | .0310282 | 1.078856 |
| Stddev | .0169590 | .0006676 | .018738  |
| %RSD   | 1.843284 | 2.151466 | 1.736808 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9396257 | .0315908 | 1.099459 |
| #2 | .9100565 | .0302906 | 1.062832 |
| #3 | .9104510 | .0312033 | 1.074278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 872.0440 | 926.6274 | 42178.97 | 9795.153 | 2113.662 |
| Stddev    | 6.3358   | 7.7086   | 234.13   | 160.528  | 23.025   |
| %RSD      | .7265508 | .8318976 | .5550867 | 1.638852 | 1.089361 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 875.4241 | 924.6699 | 42115.67 | 9621.760 | 2101.860 |
| #2 | 864.7349 | 920.0862 | 41983.01 | 9938.599 | 2098.931 |
| #3 | 875.9731 | 935.1260 | 42438.25 | 9825.100 | 2140.196 |

Sample Name: I5460-13LX5      Acquired: 10/10/2017 18:59:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049552 | -.001781 | .1930641 | .0007942 | .0007581 | 5.486556 | .1863843 |
| Stddev | .0055455 | .000648  | .0025404 | .0023284 | .0006926 | .029417  | .0001306 |
| %RSD   | 111.9131 | 36.39432 | 1.315844 | 293.1735 | 91.36315 | .5361649 | .0700760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001348 | -.001042 | .1913875 | .0025886 | .0011470 | 5.454599 | .1862673 |
| #2 | .007128  | -.002050 | .1918178 | .0016311 | -.000042 | 5.512505 | .1863603 |
| #3 | .009085  | -.002251 | .1959870 | -.001837 | .001169  | 5.492563 | .1865252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001657 | .0009326 | 48.48511 | .0113908 | .0003050 | .0173313 | 7.961169 |
| Stddev | .0000316 | .0000786 | .77361   | .0004662 | .0003895 | .0005039 | .082887  |
| %RSD   | 19.05788 | 8.433016 | 1.595568 | 4.093089 | 127.7082 | 2.907540 | 1.041138 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001816 | .0008703 | 47.62713 | .0110174 | -.000022 | .0179123 | 7.874561 |
| #2 | .0001863 | .0010209 | 48.69876 | .0119134 | .000201  | .0170127 | 7.969196 |
| #3 | .0001294 | .0009065 | 49.12945 | .0112417 | .000736  | .0170689 | 8.039750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0781126 | 3.412726 | .0032335 | .0000666 | .1431711 | .0199305 | .2062668 |
| Stddev | .0009165 | .021725  | .0002901 | .0003600 | .0389906 | .0007319 | .0143508 |
| %RSD   | 1.173253 | .6365800 | 8.971073 | 540.7126 | 27.23358 | 3.672035 | 6.957391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0772572 | 3.415791 | .0034938 | -.000343 | .0984758 | .0196882 | .1943714 |
| #2 | .0790798 | 3.432756 | .0029208 | .000209  | .1608266 | .0193506 | .2222055 |
| #3 | .0780007 | 3.389632 | .0032858 | .000334  | .1702110 | .0207528 | .2022235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4353226 | 3.845131 | -.023375 | .0000145 | .5017952 | 1.926393 | .0031151 |
| Stddev | .0203179 | .072843  | .001022  | .0002280 | .0103095 | .009048  | .0014943 |
| %RSD   | 4.667314 | 1.894435 | 4.374028 | 1567.673 | 2.054515 | .4696661 | 47.96880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4338123 | 3.776007 | -.022195 | -.000114 | .4947151 | 1.918390 | .0037794 |
| #2 | .4563536 | 3.838188 | -.023933 | -.000120 | .4970474 | 1.924579 | .0014039 |
| #3 | .4158021 | 3.921197 | -.023997 | .000278  | .5136232 | 1.936210 | .0041621 |

Sample Name: I5460-13LX5      Acquired: 10/10/2017 18:59:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BP3L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1555834 | .0043221 | .1741897 |
| Stddev | .0016505 | .0002820 | .0005634 |
| %RSD   | 1.060818 | 6.525015 | .3234497 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1540975 | .0040425 | .1735391 |
| #2 | .1552928 | .0046065 | .1745107 |
| #3 | .1573598 | .0043172 | .1745193 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 966.8284 | 1054.107 | 45550.44 | 10229.62 | 2550.839 |
| Stddev    | 21.8784  | 24.925   | 937.46   | 27.37    | 51.730   |
| %RSD      | 2.262909 | 2.364593 | 2.058080 | .2675790 | 2.027960 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 971.3474 | 1066.442 | 45754.98 | 10260.89 | 2573.381 |
| #2 | 943.0433 | 1070.460 | 44527.59 | 10210.01 | 2587.473 |
| #3 | 986.0945 | 1025.420 | 46368.75 | 10217.95 | 2491.663 |



Sample Name: I5460-16      Acquired: 10/10/2017 19:03:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0715998 | -.027936 | 2.111844 | .0046645 | .0066622 | 33.88306 | .9761506 |
| Stddev | .0063123 | .005149  | .011930  | .0012296 | .0021105 | .06180   | .0020637 |
| %RSD   | 8.816018 | 18.43234 | .5648909 | 26.36156 | 31.67913 | .1823972 | .2114148 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0771173 | -.023173 | 2.119939 | .0036914 | .0063543 | 33.93184 | .9760784 |
| #2 | .0647165 | -.027235 | 2.098144 | .0060465 | .0047224 | 33.90378 | .9741239 |
| #3 | .0729656 | -.033400 | 2.117448 | .0042557 | .0089097 | 33.81356 | .9782495 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029114 | .0094992 | 719.6046 | .0690827 | .0253265 | .3046025 | 94.55563 |
| Stddev | .0001063 | .0001868 | 1.6486   | .0006243 | .0001695 | .0012244 | .17879   |
| %RSD   | 3.652654 | 1.965976 | .2290970 | .9037450 | .6691083 | .4019528 | .1890800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029941 | .0093577 | 717.8580 | .0683619 | .0252862 | .3057048 | 94.49014 |
| #2 | .0029486 | .0097109 | 719.8223 | .0694544 | .0255125 | .3048179 | 94.75792 |
| #3 | .0027914 | .0094290 | 721.1335 | .0694318 | .0251809 | .3032847 | 94.41882 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.139796 | 194.7651 | .0576601 | .0036048 | 1.481731 | .1565434 | 1.622348 |
| Stddev | .003718  | .1950    | .0013211 | .0000255 | .041074  | .0023821 | .022767  |
| %RSD   | .3262084 | .1001372 | 2.291129 | .7084234 | 2.772046 | 1.521688 | 1.403308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.139475 | 194.7228 | .0574159 | .0035873 | 1.488795 | .1556309 | 1.600697 |
| #2 | 1.143665 | 194.9778 | .0564782 | .0036341 | 1.437583 | .1547524 | 1.646086 |
| #3 | 1.136249 | 194.5947 | .0590863 | .0035930 | 1.518815 | .1592468 | 1.620260 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.305915 | 93.94543 | -.280271 | .0045864 | 2.465796 | 6.957946 | .0744892 |
| Stddev | .003573  | .24097   | .001315  | .0005437 | .014984  | .005844  | .0020958 |
| %RSD   | .1549689 | .2564982 | .4690124 | 11.85400 | .6076852 | .0839897 | 2.813548 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.301963 | 94.05857 | -.279557 | .0051380 | 2.473912 | 6.964603 | .0759053 |
| #2 | 2.306866 | 93.66871 | -.279468 | .0045701 | 2.448504 | 6.955578 | .0720816 |
| #3 | 2.308917 | 94.10901 | -.281788 | .0040510 | 2.474971 | 6.953658 | .0754807 |

Sample Name: I5460-16      Acquired: 10/10/2017 19:03:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9292974 | .0552967 | .6030435 |
| Stddev | .0030010 | .0003136 | .0010780 |
| %RSD   | .3229307 | .5671706 | .1787562 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9293630 | .0553676 | .6042818 |
| #2 | .9322650 | .0555688 | .6025337 |
| #3 | .9262641 | .0549537 | .6023150 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 867.4080 | 922.1977 | 41238.55 | 9589.967 | 1928.730 |
| Stddev    | 5.2515   | 3.4368   | 132.65   | 21.858   | 3.295    |
| %RSD      | .6054296 | .3726728 | .3216606 | .2279288 | .1708306 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 869.8705 | 918.2292 | 41220.62 | 9567.150 | 1925.218 |
| #2 | 861.3777 | 924.1920 | 41115.78 | 9592.030 | 1931.754 |
| #3 | 870.9758 | 924.1718 | 41379.25 | 9610.721 | 1929.218 |

Sample Name: I5460-17      Acquired: 10/10/2017 19:07:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0527623 | -.021598 | 1.795983 | .0005085 | .0079272 | 45.69589 | 1.244112 |
| Stddev | .0033034 | .002615  | .009695  | .0020405 | .0009615 | .45915   | .013430  |
| %RSD   | 6.260806 | 12.10672 | .5398195 | 401.2555 | 12.12905 | 1.004795 | 1.079453 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0489754 | -.019735 | 1.786269 | .0028641 | .0090374 | 45.73307 | 1.245913 |
| #2 | .0542598 | -.020471 | 1.805659 | -.000717 | .0073653 | 45.21928 | 1.229873 |
| #3 | .0550517 | -.024587 | 1.796022 | -.000621 | .0073790 | 46.13532 | 1.256551 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032037 | .0046503 | 45.62403 | .0793018 | .0199786 | .2765787 | 101.6163 |
| Stddev | .0000613 | .0000633 | .36228   | .0030651 | .0003404 | .0028989 | .8995    |
| %RSD   | 1.912197 | 1.360893 | .7940550 | 3.865139 | 1.703761 | 1.048137 | .8852369 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0032068 | .0045999 | 45.31209 | .0757703 | .0195983 | .2783004 | 101.0525 |
| #2 | .0031410 | .0047213 | 45.53861 | .0812707 | .0200827 | .2732318 | 101.1426 |
| #3 | .0032634 | .0046297 | 46.02139 | .0808645 | .0202547 | .2782040 | 102.6537 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.113186 | 5.819950 | .0639987 | .0035128 | 1.072608 | .1508594 | 1.117389 |
| Stddev | .007969  | .017604  | .0013765 | .0003073 | .050285  | .0039326 | .049378  |
| %RSD   | .7158707 | .3024837 | 2.150767 | 8.747975 | 4.688117 | 2.606780 | 4.419011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.115394 | 5.838313 | .0625232 | .0035164 | 1.046706 | .1491993 | 1.060966 |
| #2 | 1.104346 | 5.818318 | .0642246 | .0032037 | 1.130564 | .1480291 | 1.138498 |
| #3 | 1.119819 | 5.803218 | .0652482 | .0038183 | 1.040555 | .1553498 | 1.152703 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.151181 | 44.96397 | -.289603 | .0071045 | 1.389577 | 8.529333 | .0546722 |
| Stddev | .035344  | .44026   | .001469  | .0003947 | .014039  | .024811  | .0017378 |
| %RSD   | 1.642982 | .9791370 | .5073364 | 5.554988 | 1.010335 | .2908930 | 3.178598 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.162186 | 44.49561 | -.288118 | .0072900 | 1.385699 | 8.545962 | .0563379 |
| #2 | 2.111645 | 45.02696 | -.291056 | .0073721 | 1.377883 | 8.500814 | .0548085 |
| #3 | 2.179714 | 45.36934 | -.289634 | .0066512 | 1.405147 | 8.541222 | .0528703 |

Sample Name: I5460-17      Acquired: 10/10/2017 19:07:32      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9998079 | .0442526 | .2125599 |
| Stddev | .0073425 | .0005043 | .0019589 |
| %RSD   | .7343947 | 1.139691 | .9215769 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9968989 | .0445007 | .2127290 |
| #2 | .9943656 | .0436723 | .2105220 |
| #3 | 1.008159 | .0445849 | .2144288 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 962.4635 | 1031.162 | 46122.25 | 10188.66 | 2389.168 |
| Stddev    | 22.6838  | 5.465    | 1173.60  | 50.77    | 12.162   |
| %RSD      | 2.356853 | .5299466 | 2.544542 | .4982875 | .5090547 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 988.6454 | 1029.274 | 47474.33 | 10157.04 | 2394.218 |
| #2 | 948.7103 | 1026.891 | 45367.15 | 10247.23 | 2375.294 |
| #3 | 950.0349 | 1037.320 | 45525.27 | 10161.73 | 2397.991 |

Sample Name: CCV040      Acquired: 10/10/2017 19:11:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV040      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.828466 | 5.329813 | 24.23036 | 4.756264 | 4.824802 | 380.2705 |
| Stddev | .011061  | .015125  | .04081   | .000671  | .013871  | 2.4919   |
| %RSD   | .2290854 | .2837887 | .1684184 | .0141013 | .2874913 | .6552925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.832033 | 5.346243 | 24.21105 | 4.755495 | 4.826734 | 380.5395 |
| #2 | 4.816062 | 5.326727 | 24.20279 | 4.756723 | 4.837606 | 382.6169 |
| #3 | 4.837304 | 5.316468 | 24.27724 | 4.756576 | 4.810067 | 377.6550 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.884059 | .4999799 | 2.478676 | 389.7045 | 15.03596 | 2.437653 |
| Stddev | .111893  | .0107214 | .008678  | 5.1112   | .09945   | .001475  |
| %RSD   | 1.132058 | 2.144357 | .3500958 | 1.311559 | .6614364 | .0605293 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.00101 | .4877274 | 2.484303 | 390.1791 | 14.92112 | 2.436488 |
| #2 | 9.87315  | .5076406 | 2.468682 | 384.3725 | 15.09244 | 2.437158 |
| #3 | 9.77802  | .5045718 | 2.483044 | 394.5618 | 15.09431 | 2.439312 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.12978 | 392.6712 | 14.81299 | 394.5631 | 2.415913 | 1.287835 |
| Stddev | .17368   | 2.6230   | .12349   | .3216    | .003080  | .001829  |
| %RSD   | 1.147964 | .6680003 | .8336828 | .0814958 | .1275071 | .1420039 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.10807 | 393.2949 | 14.79745 | 394.6702 | 2.419270 | 1.289893 |
| #2 | 15.31330 | 389.7925 | 14.69800 | 394.2016 | 2.415254 | 1.286395 |
| #3 | 14.96797 | 394.9262 | 14.94352 | 394.8174 | 2.413216 | 1.287219 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 385.6002 | 2.472700 | 15.21149 | 150.0445 | F -1.52806 | F 4.066702 |
| Stddev | 2.8234   | .013852  | .41615   | 1.5898   | .14060     | .050804    |
| %RSD   | .7322047 | .5602021 | 2.735775 | 1.059552 | 9.201112   | 1.249271   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 385.9821 | 2.488545 | 15.65256 | 149.6769 | -1.67018 | 4.008629 |
| #2 | 388.2133 | 2.466666 | 14.82580 | 151.7860 | -1.38903 | 4.102932 |
| #3 | 382.6054 | 2.462888 | 15.15611 | 148.6708 | -1.52497 | 4.088544 |

Sample Name: CCV040      Acquired: 10/10/2017 19:11:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV040      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.769559 | 4.940474 | 4.936088 | 4.851864 | 4.936656 | 4.639753 |
| Stddev | .005506  | .008965  | .063432  | .023675  | .007911  | .068212  |
| %RSD   | .1154378 | .1814568 | 1.285062 | .4879536 | .1602514 | 1.470159 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.774948 | 4.932850 | 4.868225 | 4.859919 | 4.945202 | 4.640872 |
| #2 | 4.763943 | 4.938221 | 4.993884 | 4.825212 | 4.929588 | 4.707398 |
| #3 | 4.769786 | 4.950350 | 4.946155 | 4.870460 | 4.935177 | 4.570988 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.636031 |
| Stddev | .031702  |
| %RSD   | .6838146 |

|    |          |
|----|----------|
| #1 | 4.617669 |
| #2 | 4.672637 |
| #3 | 4.617787 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 792.1576 | 861.2728 | 38696.93 | 9424.681 | 1764.398 |
| Stddev    | 17.6554  | 2.2499   | 424.96   | 54.340   | 3.999    |
| %RSD      | 2.228769 | .2612292 | 1.098172 | .5765761 | .2266342 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 771.8096 | 863.4194 | 38207.60 | 9455.749 | 1768.959 |
| #2 | 801.2450 | 858.9322 | 38973.36 | 9361.935 | 1761.494 |
| #3 | 803.4182 | 861.4668 | 38909.83 | 9456.360 | 1762.741 |

Sample Name: CCB040      Acquired: 10/10/2017 19:15:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB040      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001091 | .0014899 | -.001625 | -.000494 | .0006999 | .0022320 | .0007566 |
| Stddev | .003756  | .0032581 | .001906  | .001102  | .0029350 | .0019538 | .0001849 |
| %RSD   | 344.3267 | 218.6732 | 117.2890 | 222.9418 | 419.3279 | 87.53911 | 24.44494 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000189 | .0037435 | -.001861 | .000618  | .0035220 | .0026203 | .0005431 |
| #2 | -.005215 | -.002246 | -.003401 | -.001586 | -.002336 | .0001131 | .0008672 |
| #3 | .002132  | .002972  | .000388  | -.000515 | .000914  | .0039625 | .0008594 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000050 | -.000023 | -.004382 | -.000417 | .0002350 | .0001006 | .0044206 |
| Stddev | .000061  | .000062  | .007217  | .000374  | .0001612 | .0003417 | .0035994 |
| %RSD   | 121.0754 | 273.2869 | 164.6793 | 89.76878 | 68.59068 | 339.6507 | 81.42408 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000096 | -.000013 | -.004159 | -.000373 | .0003143 | .0004930 | .0055451 |
| #2 | .000019  | .000034  | -.011709 | -.000067 | .0000495 | -.000060 | .0003931 |
| #3 | -.000073 | -.000089 | .002720  | -.000811 | .0003412 | -.000131 | .0073235 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001124 | -.002874 | -.000165 | -.000188 | .0743651 | .0001806 | -.004587 |
| Stddev | .0002375 | .011066  | .000257  | .000211  | .0417961 | .0008523 | .001927  |
| %RSD   | 211.3734 | 385.0271 | 156.3927 | 111.9629 | 56.20392 | 471.9440 | 42.00432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003863 | -.014174 | .000122  | .000032  | .0994913 | -.000795 | -.006629 |
| #2 | -.000013 | .007942  | -.000375 | -.000209 | .0261170 | .000783  | -.002801 |
| #3 | -.000036 | -.002390 | -.000241 | -.000388 | .0974871 | .000553  | -.004332 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005747 | -.003295 | .0053774 | .0002790 | -.002947 | .0017567 | .0009460 |
| Stddev | .005580  | .011160  | .0009644 | .0003471 | .002402  | .0006322 | .0013860 |
| %RSD   | 97.09194 | 338.7049 | 17.93397 | 124.4315 | 81.52516 | 35.98965 | 146.5115 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.007467 | -.001991 | .0064312 | .0001246 | -.000667 | .0013727 | -.000356 |
| #2 | -.010265 | -.015050 | .0051622 | .0000358 | -.005455 | .0014110 | .002403  |
| #3 | .000490  | .007156  | .0045388 | .0006765 | -.002718 | .0024864 | .000791  |

Sample Name: CCB040      Acquired: 10/10/2017 19:15:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB040      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001047 | .0001268 | -.000043 |
| Stddev | .0002415 | .0001224 | .000015  |
| %RSD   | 230.5940 | 96.52988 | 35.79749 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003761 | .0000266 | -.000035 |
| #2 | .0000247 | .0000905 | -.000061 |
| #3 | -.000087 | .0002632 | -.000034 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1044.638 | 1134.829 | 48981.36 | 10682.96 | 2849.081 |
| Stddev    | 21.612   | 5.252    | 398.50   | 56.76    | 7.962    |
| %RSD      | 2.068840 | .4628126 | .8135790 | .5313335 | .2794552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1019.725 | 1128.778 | 48521.35 | 10621.15 | 2839.888 |
| #2 | 1055.842 | 1138.207 | 49201.50 | 10694.98 | 2853.736 |
| #3 | 1058.348 | 1137.502 | 49221.22 | 10732.75 | 2853.621 |



Sample Name: I5460-18      Acquired: 10/10/2017 19:19:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0196938 | -.022498 | .1765177 | .0000596 | .0050816 | 60.77927 | .3027866 |
| Stddev | .0035648 | .003128  | .0014475 | .0036641 | .0006359 | .49443   | .0026956 |
| %RSD   | 18.10099 | 13.90525 | .8200305 | 6147.630 | 12.51315 | .8134814 | .8902762 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0155935 | -.026107 | .1750933 | -.003327 | .0050447 | 60.61789 | .3041524 |
| #2 | .0220582 | -.020831 | .1779873 | .003949  | .0044649 | 61.33423 | .3045260 |
| #3 | .0214295 | -.020556 | .1764726 | -.000444 | .0057351 | 60.38570 | .2996815 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021328 | .0031669 | 10.12920 | .1229557 | .0080666 | .0764890 | 121.3146 |
| Stddev | .0002239 | .0002120 | .03324   | .0029684 | .0002141 | .0013793 | 1.0503   |
| %RSD   | 10.50009 | 6.693347 | .3281530 | 2.414203 | 2.654040 | 1.803284 | .8658026 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020359 | .0033132 | 10.11004 | .1237032 | .0082515 | .0774628 | 120.7408 |
| #2 | .0019736 | .0029238 | 10.16758 | .1196851 | .0081163 | .0770935 | 122.5269 |
| #3 | .0023889 | .0032636 | 10.10998 | .1254790 | .0078320 | .0749106 | 120.6762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2035767 | 1.980708 | .0208055 | .0033716 | .8805452 | .2117827 | .1054954 |
| Stddev | .0015333 | .026856  | .0005392 | .0004093 | .0069079 | .0043007 | .0032559 |
| %RSD   | .7531718 | 1.355875 | 2.591422 | 12.13977 | .7845045 | 2.030720 | 3.086320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2029659 | 1.952290 | .0213045 | .0035298 | .8884203 | .2068175 | .1091061 |
| #2 | .2053212 | 2.005667 | .0208784 | .0036782 | .8777057 | .2143468 | .1027829 |
| #3 | .2024429 | 1.984168 | .0202336 | .0029068 | .8755094 | .2141838 | .1045971 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.714739 | 15.73654 | -.349686 | .0062604 | .1674757 | 9.963915 | .0126069 |
| Stddev | .027569  | .14103   | .001715  | .0003333 | .0046103 | .051614  | .0012272 |
| %RSD   | 1.607786 | .8962111 | .4904215 | 5.323259 | 2.752828 | .5180115 | 9.734308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.717306 | 15.76098 | -.349485 | .0059092 | .1666873 | 9.945055 | .0134246 |
| #2 | 1.740934 | 15.86376 | -.351493 | .0062996 | .1724293 | 10.02231 | .0111958 |
| #3 | 1.685975 | 15.58489 | -.348081 | .0065722 | .1633103 | 9.92438  | .0132004 |

Sample Name: I5460-18      Acquired: 10/10/2017 19:19:53      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8833189 | .0265272 | .0592285 |
| Stddev | .0055221 | .0005211 | .0003512 |
| %RSD   | .6251573 | 1.964489 | .5929312 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8798680 | .0262858 | .0592488 |
| #2 | .8896879 | .0271253 | .0595691 |
| #3 | .8804008 | .0261706 | .0588676 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 992.4473 | 1069.517 | 47031.90 | 10476.94 | 2520.293 |
| Stddev    | 20.4344  | 9.168    | 905.25   | 86.18    | 17.678   |
| %RSD      | 2.058992 | .8571974 | 1.924748 | .8225309 | .7014289 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 977.0169 | 1068.076 | 46550.32 | 10460.15 | 2522.542 |
| #2 | 1015.622 | 1061.156 | 48076.13 | 10400.40 | 2501.599 |
| #3 | 984.703  | 1079.321 | 46469.23 | 10570.28 | 2536.740 |

Sample Name: I5460-19      Acquired: 10/10/2017 19:23:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0145305 | -.017853 | .3980818 | .0019398 | .0040779 | 52.85493 | .3585649 |
| Stddev | .0026885 | .002340  | .0035827 | .0029902 | .0009486 | .08200   | .0014535 |
| %RSD   | 18.50216 | 13.10597 | .8999869 | 154.1521 | 23.26270 | .1551324 | .4053702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0175107 | -.018217 | .4014174 | .0052361 | .0051108 | 52.81551 | .3571251 |
| #2 | .0122878 | -.019989 | .3942948 | -.000598 | .0032457 | 52.80010 | .3600317 |
| #3 | .0137929 | -.015352 | .3985333 | .001182  | .0038771 | 52.94919 | .3585378 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024210 | .0026419 | 12.95022 | .0688100 | .0134707 | .0776114 | 85.68187 |
| Stddev | .0001322 | .0001835 | .15293   | .0011014 | .0003140 | .0010575 | .61719   |
| %RSD   | 5.458934 | 6.945054 | 1.180906 | 1.600585 | 2.330808 | 1.362556 | .7203323 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025433 | .0026746 | 13.12680 | .0675489 | .0135723 | .0771024 | 86.32608 |
| #2 | .0024390 | .0028067 | 12.86114 | .0692980 | .0131185 | .0769046 | 85.09580 |
| #3 | .0022808 | .0024442 | 12.86272 | .0695830 | .0137213 | .0788271 | 85.62374 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4570638 | 3.099174 | .0306941 | .0031546 | 1.069412 | .1389676 | .2493286 |
| Stddev | .0034422 | .013987  | .0003808 | .0003439 | .106359  | .0050640 | .0039160 |
| %RSD   | .7531146 | .4513222 | 1.240589 | 10.90088 | 9.945565 | 3.643988 | 1.570635 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4607523 | 3.111415 | .0308667 | .0029729 | .977542  | .1448108 | .2530684 |
| #2 | .4539369 | 3.083929 | .0302576 | .0029396 | 1.185931 | .1358554 | .2452574 |
| #3 | .4565024 | 3.102178 | .0309580 | .0035512 | 1.044762 | .1362366 | .2496598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.402258 | 19.79674 | -.247149 | .0039581 | .2952567 | 8.631855 | .0212474 |
| Stddev | .018981  | .02086   | .001620  | .0001382 | .0025500 | .037606  | .0016337 |
| %RSD   | 1.353569 | .1053814 | .6554376 | 3.490681 | .8636563 | .4356609 | 7.688983 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.380404 | 19.79358 | -.246276 | .0038104 | .2964199 | 8.592576 | .0205534 |
| #2 | 1.411743 | 19.81901 | -.249018 | .0039800 | .2970177 | 8.667527 | .0200753 |
| #3 | 1.414626 | 19.77764 | -.246152 | .0040841 | .2923325 | 8.635463 | .0231136 |

Sample Name: I5460-19      Acquired: 10/10/2017 19:23:59      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7681150 | .0260543 | .0663453 |
| Stddev | .0030352 | .0001786 | .0001171 |
| %RSD   | .3951525 | .6853421 | .1765032 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7715247 | .0261454 | .0662433 |
| #2 | .7671123 | .0258486 | .0664732 |
| #3 | .7657080 | .0261689 | .0663195 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 973.6083 | 1048.063 | 46833.21 | 10534.54 | 2479.970 |
| Stddev    | 1.6106   | 3.840    | 87.82    | 50.89    | 4.421    |
| %RSD      | .1654223 | .3663515 | .1875158 | .4830465 | .1782880 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 971.7630 | 1052.489 | 46893.43 | 10566.03 | 2484.610 |
| #2 | 974.7306 | 1045.635 | 46873.75 | 10475.83 | 2479.494 |
| #3 | 974.3315 | 1046.064 | 46732.44 | 10561.76 | 2475.805 |

Sample Name: I5460-20      Acquired: 10/10/2017 19:28:07      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0BP8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051110 | -.043929 | .1194789 | .0002769 | .0064966 | 54.10766 | .3331806 |
| Stddev | .0028214 | .001781  | .0009841 | .0015723 | .0029436 | .06471   | .0008368 |
| %RSD   | 55.20366 | 4.053298 | .8236267 | 567.7863 | 45.30912 | .1195968 | .2511388 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046923 | -.043049 | .1184664 | -.001230 | .0082661 | 54.11895 | .3323756 |
| #2 | .0025222 | -.045979 | .1195384 | .000153  | .0081250 | 54.16599 | .3340458 |
| #3 | .0081183 | -.042760 | .1204318 | .001907  | .0030987 | 54.03805 | .3331205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032903 | .0065256 | 6.993110 | .0773862 | .0765725 | .1443236 | 221.9329 |
| Stddev | .0001210 | .0002962 | .085015  | .0002973 | .0001203 | .0004284 | .4483    |
| %RSD   | 3.676874 | 4.538336 | 1.215699 | .3841742 | .1571241 | .2968364 | .2019927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034142 | .0064890 | 7.025364 | .0777202 | .0765096 | .1444137 | 222.4431 |
| #2 | .0032843 | .0068384 | 6.896688 | .0771504 | .0764966 | .1446998 | 221.7533 |
| #3 | .0031725 | .0062495 | 7.057278 | .0772882 | .0767112 | .1438573 | 221.6023 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.136782 | 3.940553 | .0978266 | .0068762 | 1.782904 | .1669677 | .1057069 |
| Stddev | .005845  | .017764  | .0002351 | .0001204 | .093517  | .0041847 | .0052283 |
| %RSD   | .1863448 | .4508089 | .2402842 | 1.751166 | 5.245226 | 2.506310 | 4.946030 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.130733 | 3.956813 | .0980347 | .0069678 | 1.761137 | .1714158 | .1015207 |
| #2 | 3.142399 | 3.921593 | .0975717 | .0069210 | 1.885385 | .1631088 | .1115672 |
| #3 | 3.137214 | 3.943254 | .0978735 | .0067398 | 1.702190 | .1663785 | .1040328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.303418 | 29.70233 | -.644934 | .0027681 | .6409419 | 10.79565 | .0288414 |
| Stddev | .011832  | .28139   | .004084  | .0003130 | .0029804 | .02701   | .0005112 |
| %RSD   | .5136530 | .9473642 | .6331719 | 11.30846 | .4650066 | .2502056 | 1.772415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.311142 | 29.60188 | -.649433 | .0031244 | .6381300 | 10.82660 | .0286533 |
| #2 | 2.309315 | 29.48495 | -.641461 | .0025374 | .6406295 | 10.77684 | .0284509 |
| #3 | 2.289797 | 30.02016 | -.643909 | .0026424 | .6440662 | 10.78350 | .0294200 |

Sample Name: I5460-20      Acquired: 10/10/2017 19:28:07      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0BP8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.075792 | .0368933 | .0923083 |
| Stddev | .002627  | .0002390 | .0001241 |
| %RSD   | .2442059 | .6478722 | .1343925 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.078326 | .0367997 | .0921823 |
| #2 | 1.075970 | .0371650 | .0924303 |
| #3 | 1.073080 | .0367153 | .0923122 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 962.9971 | 1062.679 | 46479.23 | 10436.22 | 2478.449 |
| Stddev    | 5.4603   | 7.478    | 107.53   | 19.73    | 9.444    |
| %RSD      | .5670086 | .7036908 | .2313439 | .1890201 | .3810556 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 956.7615 | 1054.543 | 46379.74 | 10417.32 | 2467.546 |
| #2 | 965.3069 | 1069.252 | 46593.31 | 10434.65 | 2483.680 |
| #3 | 966.9228 | 1064.242 | 46464.65 | 10456.68 | 2484.119 |

Sample Name: I5594-01      Acquired: 10/10/2017 19:32:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0648348 | -.024468 | .6768330 | .0058436 | .0060572 | 39.00395 | .7918781 |
| Stddev | .0039228 | .001057  | .0032186 | .0035567 | .0021601 | .19310   | .0028478 |
| %RSD   | 6.050475 | 4.320569 | .4755356 | 60.86532 | 35.66213 | .4950853 | .3596259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0605127 | -.023474 | .6802337 | .0063413 | .0040595 | 39.09963 | .7938934 |
| #2 | .0658220 | -.024351 | .6738344 | .0020643 | .0057625 | 39.13053 | .7931209 |
| #3 | .0681697 | -.025579 | .6764309 | .0091253 | .0083495 | 38.78169 | .7886202 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055248 | .0085893 | 406.4219 | .0667712 | .0271866 | .2452062 | 80.03394 |
| Stddev | .0000193 | .0002494 | .9426    | .0007311 | .0003949 | .0008197 | .53013   |
| %RSD   | .3483992 | 2.903860 | .2319314 | 1.094946 | 1.452416 | .3343035 | .6623826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055108 | .0086229 | 407.5086 | .0671798 | .0274982 | .2449492 | 80.20367 |
| #2 | .0055467 | .0083248 | 405.9316 | .0672066 | .0267425 | .2445457 | 80.45843 |
| #3 | .0055168 | .0088202 | 405.8255 | .0659271 | .0273191 | .2461236 | 79.43973 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9012501 | 229.9541 | .0755557 | .0026431 | 1.347918 | .2271043 | 1.093527 |
| Stddev | .0075642 | 1.4174   | .0011528 | .0002547 | .075516  | .0021526 | .012423  |
| %RSD   | .8392949 | .6163677 | 1.525787 | 9.635536 | 5.602446 | .9478662 | 1.136009 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9084798 | 230.6189 | .0745711 | .0024207 | 1.273996 | .2263766 | 1.106338 |
| #2 | .9018795 | 230.9168 | .0768238 | .0029209 | 1.344825 | .2295265 | 1.092708 |
| #3 | .8933908 | 228.3265 | .0752723 | .0025877 | 1.424934 | .2254098 | 1.081534 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.324658 | 88.62895 | -.197886 | .0095070 | 2.882094 | 5.978810 | .0114613 |
| Stddev | .018996  | .92718   | .001168  | .0004061 | .018123  | .041933  | .0034803 |
| %RSD   | 1.434026 | 1.046140 | .5902496 | 4.271181 | .6288257 | .7013661 | 30.36578 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.309348 | 88.60356 | -.198847 | .0098110 | 2.886821 | 6.022942 | .0149379 |
| #2 | 1.345916 | 87.71472 | -.198225 | .0090459 | 2.862076 | 5.939490 | .0079773 |
| #3 | 1.318709 | 89.56857 | -.196586 | .0096642 | 2.897386 | 5.973997 | .0114686 |

Sample Name: I5594-01      Acquired: 10/10/2017 19:32:14      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MB0C10      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.225813 | .0460528 | 1.000996 |
| Stddev | .009251  | .0001659 | .003769  |
| %RSD   | .7547188 | .3601681 | .3765011 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.215176 | .0459287 | 1.002307 |
| #2 | 1.230280 | .0462412 | 1.003933 |
| #3 | 1.231984 | .0459885 | .996746  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 902.0210 | 951.2528 | 43340.28 | 10199.60 | 1997.807 |
| Stddev    | 1.7081   | 6.7533   | 85.51    | 62.63    | 12.497   |
| %RSD      | .1893664 | .7099373 | .1972894 | .6140649 | .6255438 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 900.1743 | 957.5057 | 43255.01 | 10162.39 | 2005.996 |
| #2 | 902.3445 | 952.1617 | 43339.83 | 10164.50 | 2004.001 |
| #3 | 903.5443 | 944.0911 | 43426.01 | 10271.91 | 1983.422 |



Sample Name: I5594-02      Acquired: 10/10/2017 19:36:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C11      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0430139 | -.013538 | .3395636 | .0032657 | .0010512 | 40.97873 | .5994637 |
| Stddev | .0056668 | .001464  | .0048244 | .0018906 | .0018120 | .72425   | .0093159 |
| %RSD   | 13.17436 | 10.81403 | 1.420752 | 57.89218 | 172.3677 | 1.767390 | 1.554039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0470296 | -.014736 | .3420653 | .0049505 | -.000739 | 41.81474 | .6102208 |
| #2 | .0454803 | -.013974 | .3426232 | .0012211 | .001009  | 40.54159 | .5940649 |
| #3 | .0365319 | -.011906 | .3340022 | .0036254 | .002884  | 40.57988 | .5941054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039193 | .0036836 | 61.28614 | .0623396 | .0160407 | .1216593 | 63.29642 |
| Stddev | .0000200 | .0000446 | .81463   | .0003956 | .0004284 | .0025505 | .86598   |
| %RSD   | .5114970 | 1.209588 | 1.329224 | .6345235 | 2.670751 | 2.096397 | 1.368128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038971 | .0036777 | 62.22172 | .0626037 | .0158347 | .1246018 | 64.29636 |
| #2 | .0039360 | .0036423 | 60.90287 | .0625302 | .0157542 | .1202925 | 62.79449 |
| #3 | .0039247 | .0037309 | 60.73383 | .0618848 | .0165332 | .1200835 | 62.79842 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3499096 | 31.50963 | .0456777 | .0021006 | .9945386 | .1583812 | .3712852 |
| Stddev | .0051835 | .46768   | .0011550 | .0001666 | .0171324 | .0049144 | .0026983 |
| %RSD   | 1.481381 | 1.484247 | 2.528531 | 7.932513 | 1.722650 | 3.102910 | .7267330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3558905 | 32.04961 | .0446220 | .0022362 | 1.010677 | .1631406 | .3736054 |
| #2 | .3471195 | 31.23351 | .0469113 | .0021509 | .976561  | .1586779 | .3719259 |
| #3 | .3467188 | 31.24576 | .0454999 | .0019146 | .996377  | .1533252 | .3683242 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9374014 | 35.93234 | -.169997 | .0051159 | .6733190 | 4.583296 | .0146409 |
| Stddev | .0362471 | .10840   | .002781  | .0003983 | .0083835 | .044435  | .0004530 |
| %RSD   | 3.866768 | .3016694 | 1.636001 | 7.785797 | 1.245094 | .9694954 | 3.094212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9788064 | 35.91096 | -.172873 | .0055173 | .6711225 | 4.623368 | .0141205 |
| #2 | .9114003 | 36.04984 | -.169796 | .0051096 | .6825820 | 4.535509 | .0149465 |
| #3 | .9219976 | 35.83623 | -.167322 | .0047208 | .6662524 | 4.591012 | .0148558 |

Sample Name: I5594-02      Acquired: 10/10/2017 19:36:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C11      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8424783 | .0346083 | .5876313 |
| Stddev | .0129471 | .0009678 | .0098830 |
| %RSD   | 1.536782 | 2.796374 | 1.681839 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8567854 | .0357099 | .5990393 |
| #2 | .8390806 | .0338948 | .5821861 |
| #3 | .8315689 | .0342201 | .5816686 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 933.6722 | 995.6017 | 45102.22 | 10396.05 | 2290.503 |
| Stddev    | 9.5189   | 5.8380   | 150.13   | 187.40   | 5.586    |
| %RSD      | 1.019517 | .5863748 | .3328576 | 1.802561 | .2438925 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 926.4047 | 993.6722 | 44957.44 | 10180.10 | 2292.978 |
| #2 | 944.4472 | 1002.160 | 45257.17 | 10492.08 | 2294.425 |
| #3 | 930.1647 | 990.973  | 45092.04 | 10515.96 | 2284.107 |

Sample Name: I5594-03      Acquired: 10/10/2017 19:40:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1264033 | -.015308 | .6063997 | .0014590 | .0032309 | 41.81727 | .2824633 |
| Stddev | .0017263 | .002749  | .0014454 | .0031459 | .0024159 | .09547   | .0002739 |
| %RSD   | 1.365720 | 17.95794 | .2383521 | 215.6141 | 74.77621 | .2283095 | .0969838 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1254363 | -.014333 | .6055706 | .0046454 | .0020066 | 41.89327 | .2821624 |
| #2 | .1283964 | -.013179 | .6055599 | -.001645 | .0060139 | 41.71011 | .2825292 |
| #3 | .1253772 | -.018411 | .6080687 | .001377  | .0016722 | 41.84843 | .2826982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017852 | .0029963 | 3.579224 | .0703051 | .0092175 | .0793292 | 79.27934 |
| Stddev | .0000622 | .0001251 | .024396  | .0008246 | .0003349 | .0004048 | .09767   |
| %RSD   | 3.485717 | 4.176302 | .6815906 | 1.172931 | 3.633276 | .5102917 | .1231996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017270 | .0028892 | 3.585335 | .0707020 | .0095829 | .0790091 | 79.34036 |
| #2 | .0018508 | .0029658 | 3.599983 | .0708561 | .0089253 | .0797842 | 79.16669 |
| #3 | .0017780 | .0031339 | 3.552354 | .0693570 | .0091442 | .0791941 | 79.33098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3807609 | 2.507881 | .0239076 | .0024751 | .6595070 | .1249603 | .3308124 |
| Stddev | .0020694 | .019037  | .0002317 | .0003184 | .0468276 | .0008631 | .0050386 |
| %RSD   | .5434955 | .7590768 | .9691174 | 12.86376 | 7.100388 | .6907100 | 1.523110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3827514 | 2.516289 | .0237698 | .0028021 | .6382433 | .1255401 | .3345461 |
| #2 | .3809107 | 2.486088 | .0241751 | .0021660 | .6270840 | .1253725 | .3250813 |
| #3 | .3786207 | 2.521267 | .0237779 | .0024572 | .7131935 | .1239684 | .3328097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5005250 | 19.57397 | -.232655 | .0023211 | .3007881 | 3.581952 | .0245784 |
| Stddev | .0135583 | .16555   | .001543  | .0002755 | .0079548 | .053145  | .0017237 |
| %RSD   | 2.708805 | .8457851 | .6631751 | 11.86901 | 2.644667 | 1.483691 | 7.012919 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4884887 | 19.66586 | -.231007 | .0026392 | .2998158 | 3.526010 | .0265295 |
| #2 | .5152133 | 19.67320 | -.234066 | .0021650 | .3091844 | 3.631769 | .0239431 |
| #3 | .4978729 | 19.38285 | -.232891 | .0021591 | .2933640 | 3.588078 | .0232626 |

Sample Name: I5594-03      Acquired: 10/10/2017 19:40:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5793537 | .0171783 | .0571243 |
| Stddev | .0061689 | .0000296 | .0000997 |
| %RSD   | 1.064787 | .1725326 | .1745047 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5864768 | .0171656 | .0570363 |
| #2 | .5757604 | .0171572 | .0571040 |
| #3 | .5758239 | .0172122 | .0572326 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 993.4017 | 1049.032 | 47619.36 | 10713.40 | 2529.428 |
| Stddev    | 17.5043  | 4.659    | 447.19   | 25.74    | 8.336    |
| %RSD      | 1.762055 | .4441249 | .9390963 | .2402432 | .3295804 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 977.7900 | 1053.156 | 47157.64 | 10683.69 | 2537.062 |
| #2 | 1012.325 | 1049.961 | 48050.45 | 10729.10 | 2530.689 |
| #3 | 990.090  | 1043.978 | 47650.00 | 10727.39 | 2520.533 |

Sample Name: I5594-04      Acquired: 10/10/2017 19:44:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1277453 | -.021917 | .9006270 | -.003188 | .0031617 | 64.34857 | .4867644 |
| Stddev | .0047630 | .002088  | .0051159 | .003733  | .0022558 | .12166   | .0010840 |
| %RSD   | 3.728488 | 9.525477 | .5680347 | 117.0706 | 71.34883 | .1890593 | .2226879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1278270 | -.023045 | .8970677 | -.005217 | .0046075 | 64.46720 | .4862081 |
| #2 | .1229420 | -.023198 | .8983238 | .001119  | .0005623 | 64.22410 | .4860715 |
| #3 | .1324669 | -.019508 | .9064897 | -.005467 | .0043153 | 64.35441 | .4880135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023489 | .0040478 | 11.99757 | .1041521 | .0201113 | .1082703 | 97.03621 |
| Stddev | .0001239 | .0001203 | .07521   | .0006533 | .0006520 | .0009301 | .11011   |
| %RSD   | 5.276266 | 2.971344 | .6268585 | .6272267 | 3.241994 | .8590174 | .1134767 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0024422 | .0039267 | 11.94505 | .1047312 | .0193686 | .1092409 | 97.07273 |
| #2 | .0022083 | .0040495 | 12.08372 | .1034439 | .0205896 | .1073870 | 97.12342 |
| #3 | .0023962 | .0041672 | 11.96393 | .1042811 | .0203757 | .1081829 | 96.91248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.440565 | 15.38302 | .0359619 | .0034022 | .6866650 | .1698153 | .5391189 |
| Stddev | .005454  | .09646   | .0002821 | .0005053 | .0280823 | .0028489 | .0114810 |
| %RSD   | .3785708 | .6270610 | .7844217 | 14.85219 | 4.089665 | 1.677623 | 2.129592 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.437671 | 15.47364 | .0357367 | .0029034 | .6876431 | .1665304 | .5502310 |
| #2 | 1.446856 | 15.28162 | .0362783 | .0039138 | .6581065 | .1716102 | .5398244 |
| #3 | 1.437169 | 15.39380 | .0358706 | .0033895 | .7142455 | .1713052 | .5273014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.158587 | 28.13711 | -.282361 | .0018465 | .3336508 | 3.894418 | .0398707 |
| Stddev | .021356  | .34883   | .001406  | .0002472 | .0035769 | .028224  | .0008255 |
| %RSD   | 1.843283 | 1.239740 | .4980383 | 13.38642 | 1.072059 | .7247349 | 2.070457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.145409 | 27.98755 | -.283882 | .0019131 | .3333976 | 3.919856 | .0396443 |
| #2 | 1.147125 | 27.88800 | -.281109 | .0020535 | .3302072 | 3.899343 | .0391820 |
| #3 | 1.183227 | 28.53578 | -.282091 | .0015728 | .3373476 | 3.864056 | .0407858 |

Sample Name: I5594-04      Acquired: 10/10/2017 19:44:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8046316 | .0301276 | .0777930 |
| Stddev | .0052450 | .0002667 | .0001589 |
| %RSD   | .6518459 | .8853565 | .2042080 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8073872 | .0304186 | .0776977 |
| #2 | .8079244 | .0298946 | .0777049 |
| #3 | .7985832 | .0300695 | .0779764 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 935.8544 | 1009.809 | 45157.21 | 10239.17 | 2368.583 |
| Stddev    | 5.8523   | 8.388    | 266.60   | 19.15    | 9.916    |
| %RSD      | .6253402 | .8306204 | .5903930 | .1870281 | .4186678 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 936.8137 | 1001.666 | 45360.40 | 10217.06 | 2361.969 |
| #2 | 929.5817 | 1009.338 | 44855.33 | 10249.95 | 2363.794 |
| #3 | 941.1677 | 1018.422 | 45255.89 | 10250.50 | 2379.985 |

Sample Name: I5594-05      Acquired: 10/10/2017 19:48:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C14      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0448814 | -.015004 | .3845002 | .0012290 | .0035376 | 51.22896 | .4501150 |
| Stddev | .0042983 | .002511  | .0026156 | .0036717 | .0025956 | .31531   | .0008501 |
| %RSD   | 9.577077 | 16.73843 | .6802639 | 298.7470 | 73.37175 | .6154890 | .1888600 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0483228 | -.012501 | .3874086 | -.002959 | .0005592 | 51.58637 | .4505743 |
| #2 | .0462581 | -.014986 | .3837513 | .003896  | .0047368 | 50.99016 | .4491341 |
| #3 | .0400634 | -.017524 | .3823408 | .002749  | .0053167 | 51.11035 | .4506367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018632 | .0022079 | 5.985980 | .0794272 | .0123777 | .1801682 | 70.23772 |
| Stddev | .0000942 | .0000865 | .020727  | .0004397 | .0002343 | .0004537 | .72634   |
| %RSD   | 5.055602 | 3.918059 | .3462610 | .5536075 | 1.892611 | .2517988 | 1.034122 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0018929 | .0021263 | 5.993883 | .0789418 | .0122590 | .1805406 | 70.99420 |
| #2 | .0017577 | .0022986 | 6.001594 | .0795409 | .0122264 | .1796629 | 69.54583 |
| #3 | .0019389 | .0021988 | 5.962464 | .0797989 | .0126475 | .1803012 | 70.17313 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.067788 | 2.870448 | .0283078 | .0021087 | .6264662 | .1261737 | .2794905 |
| Stddev | .011879  | .031163  | .0004617 | .0002007 | .0441974 | .0014500 | .0028843 |
| %RSD   | 1.112465 | 1.085648 | 1.631043 | 9.515161 | 7.055038 | 1.149232 | 1.031979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.081429 | 2.885493 | .0288408 | .0023064 | .6701894 | .1278031 | .2808509 |
| #2 | 1.062210 | 2.834617 | .0280315 | .0019052 | .5818094 | .1250253 | .2761775 |
| #3 | 1.059725 | 2.891234 | .0280511 | .0021147 | .6273998 | .1256926 | .2814429 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.168643 | 31.19466 | -.206267 | .0029443 | .2522153 | 5.154665 | .0174264 |
| Stddev | .039635  | .19092   | .001251  | .0003374 | .0039745 | .038105  | .0008948 |
| %RSD   | 3.391532 | .6120396 | .6064390 | 11.45929 | 1.575823 | .7392375 | 5.134984 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.204851 | 30.97728 | -.206749 | .0030434 | .2541461 | 5.179706 | .0176125 |
| #2 | 1.126297 | 31.27153 | -.207205 | .0032210 | .2476443 | 5.173477 | .0182135 |
| #3 | 1.174781 | 31.33516 | -.204846 | .0025684 | .2548554 | 5.110812 | .0164531 |

Sample Name: I5594-05      Acquired: 10/10/2017 19:48:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C14      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6415180 | .0297522 | .0739831 |
| Stddev | .0064478 | .0005777 | .0003308 |
| %RSD   | 1.005089 | 1.941801 | .4470848 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6472326 | .0303609 | .0742624 |
| #2 | .6345277 | .0292115 | .0736179 |
| #3 | .6427939 | .0296841 | .0740691 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 973.1069 | 1057.807 | 46732.35 | 10473.73 | 2505.732 |
| Stddev    | 9.5702   | 4.658    | 102.48   | 96.30    | 2.590    |
| %RSD      | .9834635 | .4403273 | .2193005 | .9194413 | .1033517 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 962.7670 | 1057.001 | 46667.55 | 10373.75 | 2508.311 |
| #2 | 981.6537 | 1053.606 | 46850.50 | 10481.55 | 2503.132 |
| #3 | 974.9000 | 1062.816 | 46679.00 | 10565.87 | 2505.753 |



Sample Name: I5594-06      Acquired: 10/10/2017 19:52:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C15      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0273136 | -.025298 | .0585036 | -.002244 | .0039827 | 100.1146 | .2307431 |
| Stddev | .0042196 | .002281  | .0033170 | .001756  | .0002924 | .5434    | .0016332 |
| %RSD   | 15.44877 | 9.015144 | 5.669721 | 78.24128 | 7.342312 | .5427455 | .7078058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0230278 | -.027603 | .0618795 | -.001748 | .0039781 | 100.7200 | .2324770 |
| #2 | .0314638 | -.023042 | .0552488 | -.004194 | .0042774 | 99.9545  | .2305183 |
| #3 | .0274491 | -.025248 | .0583825 | -.000789 | .0036926 | 99.6692  | .2292339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030423 | .0034483 | 3.640077 | .1544514 | .0122347 | .0658848 | 123.2777 |
| Stddev | .0001095 | .0003156 | .050075  | .0002955 | .0002523 | .0006135 | .4329    |
| %RSD   | 3.597496 | 9.152905 | 1.375661 | .1913407 | 2.062051 | .9311938 | .3511759 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029402 | .0031063 | 3.588373 | .1544312 | .0124402 | .0659113 | 123.5972 |
| #2 | .0030290 | .0035102 | 3.643510 | .1541665 | .0119531 | .0652585 | 123.4509 |
| #3 | .0031578 | .0037283 | 3.688347 | .1547565 | .0123109 | .0664847 | 122.7850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1583715 | 3.763218 | .0354449 | .0030936 | .8792609 | .2282029 | .0628293 |
| Stddev | .0016660 | .031984  | .0009505 | .0002307 | .0933317 | .0020334 | .0021151 |
| %RSD   | 1.051928 | .8498996 | 2.681476 | 7.457242 | 10.61480 | .8910354 | 3.366485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1578588 | 3.772631 | .0343587 | .0029637 | .9869086 | .2286268 | .0605282 |
| #2 | .1602336 | 3.789438 | .0361239 | .0029571 | .8298854 | .2299909 | .0632709 |
| #3 | .1570222 | 3.727584 | .0358521 | .0033599 | .8209887 | .2259910 | .0646888 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.527478 | 16.44476 | -.363871 | .0068492 | .2942174 | 3.049438 | .0111182 |
| Stddev | .035957  | .05595   | .002558  | .0002684 | .0085635 | .013369  | .0004654 |
| %RSD   | 2.354017 | .3402219 | .7030738 | 3.918581 | 2.910585 | .4384088 | 4.185621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.560458 | 16.49581 | -.363235 | .0065819 | .2926202 | 3.043479 | .0109911 |
| #2 | 1.532832 | 16.38495 | -.366687 | .0071186 | .3034670 | 3.064750 | .0107296 |
| #3 | 1.489144 | 16.45353 | -.361691 | .0068470 | .2865650 | 3.040084 | .0116340 |

Sample Name: I5594-06      Acquired: 10/10/2017 19:52:45      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C15      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6297781 | .0341294 | .0483393 |
| Stddev | .0030529 | .0004672 | .0003103 |
| %RSD   | .4847515 | 1.369038 | .6419968 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6333032 | .0346007 | .0486848 |
| #2 | .6279932 | .0341212 | .0482489 |
| #3 | .6280381 | .0336663 | .0480842 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1057.514 | 1128.600 | 49419.27 | 11109.51 | 2456.070 |
| Stddev    | 3.418    | 1.670    | 65.55    | 62.76    | 6.206    |
| %RSD      | .3231983 | .1479950 | .1326445 | .5649427 | .2526882 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1055.999 | 1127.365 | 49354.91 | 11075.65 | 2458.052 |
| #2 | 1055.115 | 1130.501 | 49416.94 | 11070.96 | 2461.042 |
| #3 | 1061.427 | 1127.935 | 49485.95 | 11181.93 | 2449.114 |

Sample Name: I5594-07      Acquired: 10/10/2017 19:56:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C16      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0426013 | -.011872 | .3514041 | -.000667 | .0024398 | 45.08352 | .3952797 |
| Stddev | .0046897 | .001842  | .0029698 | .001181  | .0011131 | .06884   | .0021521 |
| %RSD   | 11.00836 | 15.51899 | .8451298 | 176.9852 | 45.62508 | .1526857 | .5444532 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0479793 | -.010496 | .3519154 | -.001893 | .0022803 | 45.03129 | .3972927 |
| #2 | .0393636 | -.013965 | .3540851 | -.000573 | .0014150 | 45.05775 | .3930112 |
| #3 | .0404610 | -.011155 | .3482118 | .000464  | .0036241 | 45.16152 | .3955352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018315 | .0022782 | 5.819978 | .0697992 | .0133033 | .3720479 | 64.60178 |
| Stddev | .0001678 | .0002038 | .051814  | .0013980 | .0001884 | .0028206 | .21229   |
| %RSD   | 9.160932 | 8.944199 | .8902786 | 2.002904 | 1.416258 | .7581290 | .3286176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016521 | .0021668 | 5.762741 | .0700208 | .0130889 | .3748873 | 64.35664 |
| #2 | .0018578 | .0021544 | 5.863684 | .0683036 | .0134427 | .3720098 | 64.72503 |
| #3 | .0019846 | .0025134 | 5.833510 | .0710732 | .0133782 | .3692465 | 64.72366 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9057310 | 2.838717 | .0238163 | .0015397 | .4851518 | .1165709 | .2578944 |
| Stddev | .0035465 | .023885  | .0006437 | .0001766 | .0404067 | .0009894 | .0083001 |
| %RSD   | .3915609 | .8413886 | 2.702648 | 11.47082 | 8.328663 | .8487236 | 3.218395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9016367 | 2.812093 | .0240831 | .0013359 | .4481742 | .1154289 | .2501052 |
| #2 | .9077106 | 2.858261 | .0230822 | .0016483 | .4789992 | .1171157 | .2666251 |
| #3 | .9078459 | 2.845797 | .0242837 | .0016348 | .5282819 | .1171681 | .2569530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9163559 | 29.90707 | -.192070 | .0024258 | .2421071 | 3.780104 | .0201918 |
| Stddev | .0178918 | .08623   | .001423  | .0002609 | .0068138 | .011484  | .0009459 |
| %RSD   | 1.952493 | .2883320 | .7406266 | 10.75505 | 2.814356 | .3038015 | 4.684527 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8958606 | 29.82121 | -.191104 | .0027112 | .2364077 | 3.769989 | .0211134 |
| #2 | .9243510 | 29.99367 | -.193703 | .0021995 | .2496541 | 3.792588 | .0202387 |
| #3 | .9288560 | 29.90635 | -.191401 | .0023667 | .2402594 | 3.777735 | .0192234 |

Sample Name: I5594-07      Acquired: 10/10/2017 19:56:52      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C16      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5830505 | .0256008 | .0661307 |
| Stddev | .0038183 | .0000855 | .0001391 |
| %RSD   | .6548768 | .3337900 | .2104189 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5859506 | .0256225 | .0662669 |
| #2 | .5844763 | .0255066 | .0661363 |
| #3 | .5787244 | .0256734 | .0659888 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1006.555 | 1055.577 | 47724.06 | 10668.01 | 2520.775 |
| Stddev    | 9.317    | 2.005    | 143.65   | 43.09    | 7.431    |
| %RSD      | .9256108 | .1899595 | .3010029 | .4038849 | .2947884 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1005.765 | 1054.597 | 47778.10 | 10670.49 | 2524.240 |
| #2 | 997.659  | 1057.884 | 47561.23 | 10623.73 | 2525.840 |
| #3 | 1016.242 | 1054.251 | 47832.86 | 10709.80 | 2512.244 |

Sample Name: I5594-08      Acquired: 10/10/2017 20:00:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C17      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0868136 | -.020924 | .5458808 | -.002147 | .0050198 | 43.04277 | .4630333 |
| Stddev | .0018640 | .000728  | .0023161 | .003903  | .0012017 | .17723   | .0007971 |
| %RSD   | 2.147105 | 3.480240 | .4242924 | 181.7746 | 23.93995 | .4117479 | .1721381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0885306 | -.021763 | .5466557 | .001020  | .0056547 | 42.85584 | .4621138 |
| #2 | .0870791 | -.020454 | .5432766 | -.000955 | .0036338 | 43.06408 | .4635281 |
| #3 | .0848311 | -.020555 | .5477102 | -.006508 | .0057710 | 43.20837 | .4634580 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038605 | .0128955 | 126.9662 | .0775723 | .0205974 | .1776023 | 96.91065 |
| Stddev | .0000511 | .0001758 | .2374    | .0014328 | .0004205 | .0027329 | .23421   |
| %RSD   | 1.324267 | 1.363321 | .1869852 | 1.847028 | 2.041729 | 1.538788 | .2416800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0038110 | .0129899 | 127.2300 | .0776148 | .0205459 | .1746659 | 96.70167 |
| #2 | .0038575 | .0126927 | 126.8990 | .0761187 | .0202050 | .1780694 | 96.86648 |
| #3 | .0039131 | .0130040 | 126.7697 | .0789833 | .0210414 | .1800716 | 97.16380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6353604 | 74.42482 | .0663366 | .0031212 | .7410869 | .2856139 | 1.313602 |
| Stddev | .0037147 | .41148   | .0007131 | .0003171 | .0471396 | .0036816 | .024294  |
| %RSD   | .5846617 | .5528784 | 1.074912 | 10.15895 | 6.360876 | 1.289014 | 1.849407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6321272 | 74.09446 | .0661975 | .0028724 | .7748631 | .2898185 | 1.321039 |
| #2 | .6345359 | 74.29426 | .0657034 | .0034782 | .6872324 | .2829679 | 1.333309 |
| #3 | .6394181 | 74.88574 | .0671090 | .0030129 | .7611653 | .2840555 | 1.286459 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.122501 | 52.26354 | -.275573 | .0048917 | 1.804463 | 7.597030 | .0186769 |
| Stddev | .009018  | .23637   | .003896  | .0005566 | .006075  | .097434  | .0016863 |
| %RSD   | .8034221 | .4522717 | 1.413900 | 11.37812 | .3366863 | 1.282532 | 9.028721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.112088 | 52.53355 | -.275981 | .0053263 | 1.809308 | 7.581023 | .0193968 |
| #2 | 1.127725 | 52.16307 | -.271489 | .0050845 | 1.806435 | 7.508591 | .0167502 |
| #3 | 1.127691 | 52.09399 | -.279250 | .0042644 | 1.797647 | 7.701477 | .0198838 |

Sample Name: I5594-08      Acquired: 10/10/2017 20:00:58      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C17      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9812773 | .0317996 | .4645501 |
| Stddev | .0018881 | .0001155 | .0009778 |
| %RSD   | .1924134 | .3633421 | .2104930 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9812709 | .0318047 | .4636570 |
| #2 | .9793924 | .0316816 | .4643985 |
| #3 | .9831686 | .0319125 | .4655949 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 922.8764 | 982.9352 | 44951.51 | 10311.14 | 2227.644 |
| Stddev    | 15.9036  | 6.3759   | 400.76   | 39.13    | 10.295   |
| %RSD      | 1.723269 | .6486630 | .8915300 | .3795245 | .4621617 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 919.3974 | 984.3262 | 44865.34 | 10317.62 | 2230.497 |
| #2 | 909.0002 | 975.9786 | 44600.85 | 10346.63 | 2216.223 |
| #3 | 940.2315 | 988.5009 | 45388.35 | 10269.17 | 2236.211 |

Sample Name: I5594-09      Acquired: 10/10/2017 20:05:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C18      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1271156 | -.019427 | .5631081 | .0060299 | .0083472 | 42.15748 | 1.684851 |
| Stddev | .0059244 | .003786  | .0061486 | .0034307 | .0010889 | .12443   | .005238  |
| %RSD   | 4.660626 | 19.49053 | 1.091902 | 56.89539 | 13.04486 | .2951481 | .3108802 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1326786 | -.020321 | .5675302 | .0036207 | .0071272 | 42.07856 | 1.683697 |
| #2 | .1208862 | -.022686 | .5560868 | .0099578 | .0092207 | 42.09296 | 1.680287 |
| #3 | .1277819 | -.015274 | .5657074 | .0045110 | .0086936 | 42.30092 | 1.690570 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055917 | .0067137 | 30.31331 | .0602668 | .0334332 | .2141682 | 100.1278 |
| Stddev | .0000908 | .0002516 | .10629   | .0010175 | .0003380 | .0015366 | .2496    |
| %RSD   | 1.623923 | 3.747863 | .3506395 | 1.688386 | 1.010984 | .7174647 | .2492902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056916 | .0068448 | 30.20813 | .0590986 | .0336621 | .2135040 | 99.9782  |
| #2 | .0055695 | .0068728 | 30.31111 | .0609600 | .0330449 | .2159251 | 99.9892  |
| #3 | .0055141 | .0064236 | 30.42068 | .0607418 | .0335925 | .2130754 | 100.4159 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8160139 | 8.325874 | .0753091 | .0034645 | 1.223060 | .1937886 | .9495092 |
| Stddev | .0030650 | .040624  | .0006569 | .0002088 | .103612  | .0031806 | .0099705 |
| %RSD   | .3756086 | .4879280 | .8723255 | 6.027631 | 8.471527 | 1.641275 | 1.050067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8125907 | 8.357187 | .0753602 | .0032748 | 1.305820 | .1928472 | .9396357 |
| #2 | .8169476 | 8.279970 | .0746280 | .0034303 | 1.106857 | .1911849 | .9493179 |
| #3 | .8185036 | 8.340466 | .0759389 | .0036883 | 1.256503 | .1973336 | .9595739 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.461800 | 39.57051 | -.280330 | .0121811 | 2.533825 | 2.893427 | .0535233 |
| Stddev | .018969  | .26421   | .001438  | .0002115 | .009520  | .041634  | .0023223 |
| %RSD   | .4251385 | .6676942 | .5128371 | 1.736410 | .3757162 | 1.438928 | 4.338942 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.482156 | 39.70166 | -.281081 | .0124216 | 2.543348 | 2.912031 | .0522415 |
| #2 | 4.444619 | 39.26639 | -.281238 | .0120238 | 2.524308 | 2.922517 | .0521243 |
| #3 | 4.458627 | 39.74349 | -.278673 | .0120981 | 2.533819 | 2.845735 | .0562040 |

Sample Name: I5594-09      Acquired: 10/10/2017 20:05:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C18      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9678665 | .0487047 | .5686029 |
| Stddev | .0047596 | .0005977 | .0005074 |
| %RSD   | .4917612 | 1.227087 | .0892311 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9700536 | .0484794 | .5683034 |
| #2 | .9624064 | .0482524 | .5683166 |
| #3 | .9711394 | .0493822 | .5691887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 957.9243 | 1028.712 | 46691.53 | 10480.80 | 2400.521 |
| Stddev    | 4.9474   | 6.571    | 185.39   | 14.28    | 8.139    |
| %RSD      | .5164676 | .6387805 | .3970458 | .1362419 | .3390652 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 957.1877 | 1021.865 | 46558.93 | 10487.91 | 2391.419 |
| #2 | 963.1986 | 1029.304 | 46903.37 | 10464.36 | 2403.045 |
| #3 | 953.3864 | 1034.967 | 46612.30 | 10490.13 | 2407.100 |



Sample Name: I5594-10      Acquired: 10/10/2017 20:09:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1232200 | -.018487 | .3900735 | .0048652 | .0027536 | 27.37878 | .9096483 |
| Stddev | .0058293 | .002775  | .0031742 | .0014977 | .0018025 | .05354   | .0008835 |
| %RSD   | 4.730811 | 15.01016 | .8137405 | 30.78437 | 65.46187 | .1955413 | .0971265 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1276094 | -.016259 | .3886889 | .0065689 | .0048349 | 27.37769 | .9105474 |
| #2 | .1254446 | -.017608 | .3937048 | .0042706 | .0016942 | 27.32579 | .9087812 |
| #3 | .1166059 | -.021596 | .3878269 | .0037560 | .0017316 | 27.43285 | .9096163 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027318 | .0032458 | 19.22978 | .0469975 | .0178718 | .1470945 | 82.32475 |
| Stddev | .0000734 | .0000451 | .06947   | .0006935 | .0005140 | .0017776 | .12344   |
| %RSD   | 2.686980 | 1.388247 | .3612695 | 1.475595 | 2.876142 | 1.208484 | .1499416 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026570 | .0032969 | 19.22809 | .0464711 | .0180724 | .1481773 | 82.26834 |
| #2 | .0027345 | .0032284 | 19.16116 | .0477833 | .0172877 | .1480632 | 82.23959 |
| #3 | .0028038 | .0032120 | 19.30007 | .0467383 | .0182552 | .1450429 | 82.46631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5061998 | 4.853350 | .0418065 | .0026434 | .8268990 | .0968409 | .3373756 |
| Stddev | .0038314 | .008539  | .0005800 | .0004144 | .0567488 | .0015047 | .0107083 |
| %RSD   | .7568952 | .1759443 | 1.387352 | 15.67480 | 6.862842 | 1.553779 | 3.173995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5042467 | 4.843783 | .0417168 | .0025059 | .7711798 | .0984153 | .3413826 |
| #2 | .5037385 | 4.856069 | .0424262 | .0031090 | .8846241 | .0966900 | .3252416 |
| #3 | .5106142 | 4.860199 | .0412766 | .0023153 | .8248931 | .0954173 | .3455024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.761467 | 23.68948 | -.241522 | .0087844 | 2.772415 | 2.884149 | .0195433 |
| Stddev | .016345  | .21658   | .002196  | .0001354 | .011554  | .037258  | .0022830 |
| %RSD   | .9279042 | .9142607 | .9091026 | 1.540944 | .4167381 | 1.291830 | 11.68156 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.758812 | 23.61730 | -.239232 | .0089264 | 2.785339 | 2.925941 | .0183676 |
| #2 | 1.778976 | 23.93294 | -.243609 | .0086568 | 2.763087 | 2.872098 | .0180878 |
| #3 | 1.746612 | 23.51821 | -.241725 | .0087700 | 2.768818 | 2.854407 | .0221745 |

Sample Name: I5594-10      Acquired: 10/10/2017 20:09:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6432822 | .0303794 | .3586119 |
| Stddev | .0053123 | .0000217 | .0002734 |
| %RSD   | .8258092 | .0713374 | .0762470 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6391398 | .0304028 | .3584505 |
| #2 | .6414354 | .0303751 | .3584575 |
| #3 | .6492714 | .0303601 | .3589276 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 958.6156 | 1029.631 | 46506.33 | 10429.60 | 2478.278 |
| Stddev    | 2.9352   | 4.254    | 114.10   | 17.41    | 10.024   |
| %RSD      | .3061929 | .4131277 | .2453352 | .1669365 | .4044634 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 959.1801 | 1026.067 | 46407.28 | 10410.09 | 2470.932 |
| #2 | 961.2275 | 1028.485 | 46631.09 | 10443.56 | 2474.204 |
| #3 | 955.4391 | 1034.340 | 46480.64 | 10435.15 | 2489.697 |

Sample Name: I5594-11      Acquired: 10/10/2017 20:13:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0762674 | -.027686 | .6312861 | -.001843 | .0047850 | 49.94485 | .3986272 |
| Stddev | .0035875 | .003267  | .0071397 | .000891  | .0022495 | .08315   | .0006878 |
| %RSD   | 4.703813 | 11.80190 | 1.130978 | 48.31601 | 47.01286 | .1664796 | .1725404 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0788891 | -.024960 | .6270447 | -.002377 | .0067308 | 49.99267 | .3990572 |
| #2 | .0721790 | -.026790 | .6272845 | -.002338 | .0053022 | 49.99305 | .3989905 |
| #3 | .0777342 | -.031308 | .6395292 | -.000815 | .0023218 | 49.84884 | .3978339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025786 | .0043771 | 17.55578 | .0801780 | .0153864 | .1455531 | 120.9702 |
| Stddev | .0000365 | .0002061 | .05634   | .0006619 | .0000676 | .0023572 | .3272    |
| %RSD   | 1.414299 | 4.709078 | .3209465 | .8255643 | .4391988 | 1.619474 | .2704945 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026073 | .0041399 | 17.52794 | .0803555 | .0153980 | .1475432 | 121.3409 |
| #2 | .0025376 | .0045129 | 17.51877 | .0807331 | .0153138 | .1461661 | 120.7219 |
| #3 | .0025910 | .0044784 | 17.62062 | .0794454 | .0154475 | .1429499 | 120.8476 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6001579 | 7.456863 | .0329419 | .0038166 | .7049968 | .1564847 | .3537950 |
| Stddev | .0059558 | .074376  | .0003020 | .0001596 | .0686597 | .0026719 | .0055047 |
| %RSD   | .9923746 | .9974213 | .9167100 | 4.180488 | 9.739015 | 1.707448 | 1.555912 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6063935 | 7.542738 | .0331736 | .0037570 | .7247427 | .1588588 | .3509652 |
| #2 | .5945282 | 7.414918 | .0330517 | .0039973 | .6286277 | .1570041 | .3502807 |
| #3 | .5995519 | 7.412933 | .0326004 | .0036954 | .7616199 | .1535913 | .3601390 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9729051 | 27.22020 | -.358360 | .0068292 | .3292013 | 4.669909 | .0441223 |
| Stddev | .0157391 | .23753   | .001781  | .0001679 | .0017729 | .009005  | .0007831 |
| %RSD   | 1.617741 | .8726220 | .4970943 | 2.458646 | .5385499 | .1928222 | 1.774799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9548408 | 27.12211 | -.360417 | .0066616 | .3284655 | 4.675495 | .0439998 |
| #2 | .9802109 | 27.04743 | -.357319 | .0068285 | .3312236 | 4.659521 | .0434078 |
| #3 | .9836635 | 27.49106 | -.357344 | .0069974 | .3279148 | 4.674711 | .0449595 |

Sample Name: I5594-11      Acquired: 10/10/2017 20:13:14      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6871055 | .0306768 | .1941710 |
| Stddev | .0021303 | .0003148 | .0003039 |
| %RSD   | .3100406 | 1.026226 | .1565173 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6848350 | .0305845 | .1943089 |
| #2 | .6874211 | .0304184 | .1943815 |
| #3 | .6890604 | .0310274 | .1938226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 992.1278 | 1062.018 | 47160.00 | 10642.74 | 2491.380 |
| Stddev    | 2.8033   | 15.516   | 172.05   | 12.04    | 23.501   |
| %RSD      | .2825546 | 1.460947 | .3648210 | .1131109 | .9432840 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 994.8197 | 1044.134 | 47092.67 | 10655.30 | 2469.617 |
| #2 | 989.2250 | 1071.878 | 47031.80 | 10631.31 | 2516.300 |
| #3 | 992.3388 | 1070.043 | 47355.53 | 10641.61 | 2488.222 |

Sample Name: I5594-12      Acquired: 10/10/2017 20:17:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C21      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0387854 | -.018762 | .2594673 | .0008874 | .0048315 | 59.54515 | .3108487 |
| Stddev | .0056959 | .001034  | .0018563 | .0020768 | .0017531 | .78150   | .0043437 |
| %RSD   | 14.68579 | 5.510419 | .7154238 | 234.0346 | 36.28474 | 1.312458 | 1.397381 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0347523 | -.018236 | .2616045 | .0012916 | .0054501 | 59.22442 | .3095074 |
| #2 | .0453013 | -.018097 | .2582570 | -.001362 | .0028530 | 60.43599 | .3157049 |
| #3 | .0363025 | -.019953 | .2585405 | .002732  | .0061915 | 58.97504 | .3073338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020414 | .0026585 | 6.668232 | .0907940 | .0126120 | .0895021 | 84.78414 |
| Stddev | .0000863 | .0000874 | .119480  | .0006335 | .0004776 | .0006201 | 1.03004  |
| %RSD   | 4.228188 | 3.286161 | 1.791785 | .6977258 | 3.786884 | .6928049 | 1.214895 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019613 | .0026841 | 6.595102 | .0915222 | .0124077 | .0888702 | 84.29036 |
| #2 | .0021328 | .0025611 | 6.806111 | .0904900 | .0131578 | .0901096 | 85.96811 |
| #3 | .0020302 | .0027301 | 6.603482 | .0903698 | .0122705 | .0895263 | 84.09395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6164072 | 2.463840 | .0277759 | .0027129 | .5311211 | .1597723 | .2512993 |
| Stddev | .0075895 | .022411  | .0005210 | .0003009 | .0483474 | .0038108 | .0098660 |
| %RSD   | 1.231251 | .9095912 | 1.875733 | 11.09294 | 9.102893 | 2.385123 | 3.926002 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6106994 | 2.456473 | .0278911 | .0024165 | .4787807 | .1580981 | .2423708 |
| #2 | .6250202 | 2.489007 | .0272070 | .0027038 | .5741088 | .1641336 | .2618914 |
| #3 | .6135020 | 2.446040 | .0282297 | .0030182 | .5404738 | .1570853 | .2496359 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.128887 | 25.16762 | -.251237 | .0038197 | .2401988 | 3.339893 | .0186255 |
| Stddev | .032469  | .25711   | .003320  | .0005044 | .0027254 | .031240  | .0001760 |
| %RSD   | 2.876214 | 1.021589 | 1.321517 | 13.20575 | 1.134645 | .9353574 | .9447221 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.099938 | 24.95533 | -.253481 | .0039396 | .2411146 | 3.375055 | .0186987 |
| #2 | 1.163995 | 25.45350 | -.252807 | .0042534 | .2423482 | 3.329289 | .0187531 |
| #3 | 1.122729 | 25.09402 | -.247423 | .0032662 | .2371334 | 3.315336 | .0184248 |

Sample Name: I5594-12      Acquired: 10/10/2017 20:17:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C21      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6351833 | .0293587 | .0830564 |
| Stddev | .0069305 | .0002722 | .0013578 |
| %RSD   | 1.091100 | .9273139 | 1.634789 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6302896 | .0293950 | .0827009 |
| #2 | .6431138 | .0296110 | .0845565 |
| #3 | .6321465 | .0290702 | .0819117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 970.1484 | 1037.622 | 46341.70 | 10288.00 | 2462.170 |
| Stddev    | 15.6442  | 8.973    | 376.38   | 104.47   | 17.730   |
| %RSD      | 1.612553 | .8647670 | .8121902 | 1.015411 | .7201091 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 983.1553 | 1037.091 | 46631.51 | 10269.86 | 2455.701 |
| #2 | 952.7888 | 1046.849 | 45916.31 | 10193.80 | 2482.226 |
| #3 | 974.5010 | 1028.927 | 46477.27 | 10400.35 | 2448.582 |

Sample Name: I5594-13      Acquired: 10/10/2017 20:21:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C22      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0323690 | -.025922 | .0780298 | -.004123 | .0032227 | 116.3738 | .1936469 |
| Stddev | .0026187 | .005233  | .0015320 | .003013  | .0013038 | .1356    | .0007560 |
| %RSD   | 8.090206 | 20.18844 | 1.963359 | 73.08814 | 40.45487 | .1164994 | .3904155 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0309474 | -.031392 | .0793660 | -.000713 | .0035870 | 116.3524 | .1928778 |
| #2 | .0307685 | -.025413 | .0763577 | -.006427 | .0043057 | 116.5188 | .1943891 |
| #3 | .0353910 | -.020962 | .0783657 | -.005229 | .0017756 | 116.2502 | .1936739 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029480 | .0042639 | 5.011823 | .1665047 | .0082255 | .0809451 | 136.2327 |
| Stddev | .0000355 | .0001247 | .044493  | .0008052 | .0004701 | .0011220 | .1993    |
| %RSD   | 1.205744 | 2.924884 | .8877546 | .4836173 | 5.714893 | 1.386160 | .1462960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029890 | .0042482 | 4.977487 | .1667288 | .0085850 | .0799199 | 136.4451 |
| #2 | .0029255 | .0041478 | 4.995895 | .1671741 | .0076936 | .0821438 | 136.2033 |
| #3 | .0029295 | .0043957 | 5.062087 | .1656111 | .0083980 | .0807718 | 136.0498 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0705460 | 1.703221 | .0355687 | .0032457 | .7375178 | .2768875 | .0416902 |
| Stddev | .0005832 | .025373  | .0004089 | .0000837 | .0898232 | .0022819 | .0041557 |
| %RSD   | .8266947 | 1.489725 | 1.149752 | 2.579337 | 12.17912 | .8241215 | 9.967920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0708455 | 1.718181 | .0358908 | .0031629 | .8318690 | .2791992 | .0462730 |
| #2 | .0709187 | 1.673925 | .0351086 | .0032438 | .6530381 | .2768266 | .0381668 |
| #3 | .0698740 | 1.717557 | .0357068 | .0033303 | .7276464 | .2746367 | .0406309 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.599490 | 15.73197 | -.402775 | .0045989 | .2936698 | 2.986953 | .0104567 |
| Stddev | .011668  | .13740   | .002536  | .0004144 | .0035752 | .017249  | .0018830 |
| %RSD   | .7295044 | .8733977 | .6295084 | 9.009979 | 1.217403 | .5774705 | 18.00788 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.602171 | 15.87040 | -.401571 | .0041746 | .2937498 | 2.969011 | .0084022 |
| #2 | 1.609584 | 15.59562 | -.401065 | .0046196 | .2900552 | 2.988436 | .0121004 |
| #3 | 1.586714 | 15.72988 | -.405688 | .0050026 | .2972042 | 3.003413 | .0108676 |

Sample Name: I5594-13      Acquired: 10/10/2017 20:21:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MB0C22      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5975467 | .0320847 | .0630055 |
| Stddev | .0033300 | .0005321 | .0000967 |
| %RSD   | .5572734 | 1.658521 | .1534261 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5959938 | .0326455 | .0629484 |
| #2 | .6013695 | .0315868 | .0631171 |
| #3 | .5952768 | .0320218 | .0629509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1030.253 | 1100.943 | 48852.12 | 11053.59 | 2395.586 |
| Stddev    | 9.648    | 7.074    | 227.02   | 16.35    | 7.826    |
| %RSD      | .9364774 | .6425569 | .4647111 | .1479013 | .3266825 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1038.181 | 1106.543 | 48985.40 | 11061.07 | 2398.109 |
| #2 | 1019.511 | 1103.294 | 48590.00 | 11034.84 | 2401.839 |
| #3 | 1033.068 | 1092.993 | 48980.98 | 11064.86 | 2386.809 |



Sample Name: CCV041      Acquired: 10/10/2017 20:25:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV041      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.907967 | 4.711454 | 23.65431 | 4.852187 | 4.938677 | 393.6407 |
| Stddev | .058193  | .051636  | .23887   | .065241  | .081958  | 1.6411   |
| %RSD   | 1.185676 | 1.095959 | 1.009827 | 1.344576 | 1.659511 | .4169129 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.924851 | 4.761627 | 23.87896 | 4.876231 | 4.968393 | 394.5466 |
| #2 | 4.843199 | 4.658471 | 23.40339 | 4.778335 | 4.846006 | 394.6292 |
| #3 | 4.955850 | 4.714265 | 23.68057 | 4.901993 | 5.001631 | 391.7463 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.926115 | .5126030 | 2.473955 | 397.4024 | 15.23002 | 2.435781 |
| Stddev | .102145  | .0052249 | .023662  | 1.9544   | .07141   | .022790  |
| %RSD   | 1.029050 | 1.019291 | .9564581 | .4917930 | .4688626 | .9356136 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.946422 | .5153140 | 2.501220 | 395.2263 | 15.24388 | 2.458500 |
| #2 | 10.01658 | .5159152 | 2.461856 | 399.0082 | 15.29349 | 2.412922 |
| #3 | 9.81534  | .5065797 | 2.458788 | 397.9727 | 15.15270 | 2.435921 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.42175 | 403.9085 | 14.93249 | 405.5218 | 2.438948 | 1.293086 |
| Stddev | .11330   | 3.5234   | .14130   | 2.6497   | .028879  | .000669  |
| %RSD   | .7346589 | .8723208 | .9462512 | .6534065 | 1.184075 | .0517652 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.54630 | 400.7430 | 14.81904 | 403.6043 | 2.468783 | 1.293164 |
| #2 | 15.39416 | 407.7046 | 15.09076 | 408.5453 | 2.411131 | 1.293713 |
| #3 | 15.32480 | 403.2780 | 14.88765 | 404.4157 | 2.436929 | 1.292381 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 393.5288 | 2.514273 | 14.75424 | 152.9988 | F -1.64165 | F 4.119190 |
| Stddev | 1.6922   | .023408  | .24096   | 1.1010   | .13328     | .042665    |
| %RSD   | .4300170 | .9310155 | 1.633191 | .7196126 | 8.118626   | 1.035758   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 393.7675 | 2.491548 | 14.48402 | 154.1903 | -1.61778 | 4.152130 |
| #2 | 395.0890 | 2.538309 | 14.83191 | 152.7872 | -1.78525 | 4.134446 |
| #3 | 391.7298 | 2.512961 | 14.94680 | 152.0190 | -1.52191 | 4.070994 |

Sample Name: CCV041      Acquired: 10/10/2017 20:25:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV041      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.840759 | 5.002059 | 5.038680 | 4.906364 | 5.017034 | 4.725653 |
| Stddev | .064908  | .057240  | .046318  | .058571  | .015628  | .036781  |
| %RSD   | 1.340857 | 1.144325 | .9192540 | 1.193785 | .3114965 | .7783213 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.868866 | 5.066282 | 5.073488 | 4.968787 | 5.010919 | 4.767360 |
| #2 | 4.766535 | 4.956421 | 5.056442 | 4.852610 | 5.034794 | 4.711744 |
| #3 | 4.886877 | 4.983474 | 4.986110 | 4.897695 | 5.005388 | 4.697855 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.703400 |
| Stddev | .020974  |
| %RSD   | .4459333 |

|    |          |
|----|----------|
| #1 | 4.724860 |
| #2 | 4.702391 |
| #3 | 4.682948 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 790.0129 | 833.2399 | 38328.22 | 9221.513 | 1716.707 |
| Stddev    | 4.5378   | 19.6525  | 95.74    | 65.187   | 30.175   |
| %RSD      | .5743967 | 2.358568 | .2497773 | .7068975 | 1.757714 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 793.9183 | 833.5500 | 38262.26 | 9166.958 | 1711.277 |
| #2 | 791.0857 | 852.7355 | 38438.02 | 9203.879 | 1749.228 |
| #3 | 785.0349 | 813.4341 | 38284.36 | 9293.703 | 1689.616 |

Sample Name: CCB041      Acquired: 10/10/2017 20:29:44      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB041      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019991 | .0004008 | .0011470 | -.001327 | .0000252 | .0049697 | .0000879 |
| Stddev | .0043302 | .0016144 | .0016612 | .002192  | .0006940 | .0011262 | .0003648 |
| %RSD   | 216.6111 | 402.7473 | 144.8343 | 165.1538 | 2755.064 | 22.66111 | 414.8174 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051826 | .0001023 | -.000744 | -.001253 | -.000573 | .0036731 | -.000333 |
| #2 | -.002932 | .0021436 | .001812  | -.003556 | .000786  | .0057039 | .000279  |
| #3 | .003746  | -.001043 | .002372  | .000827  | -.000138 | .0055320 | .000318  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000041 | .0000637 | -.004800 | -.000369 | .0004653 | .0008787 | .0057118 |
| Stddev | .000037  | .0000108 | .014114  | .000490  | .0003687 | .0009075 | .0022032 |
| %RSD   | 89.58835 | 16.99196 | 294.0534 | 132.5823 | 79.22355 | 103.2751 | 38.57277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000073 | .0000545 | .006312  | -.000294 | .0007126 | -.000160 | .0073360 |
| #2 | -.000050 | .0000610 | -.020681 | -.000892 | .0006418 | .001518  | .0065955 |
| #3 | -.000001 | .0000757 | -.000032 | .000078  | .0000416 | .001278  | .0032040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001663 | -.001121 | -.000302 | .0000582 | .0319035 | .0022515 | -.003954 |
| Stddev | .0001991 | .012798  | .000301  | .0003657 | .0477304 | .0017979 | .003396  |
| %RSD   | 119.7239 | 1142.153 | 99.60766 | 628.5710 | 149.6087 | 79.85089 | 85.88485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001380 | .013560  | -.000550 | .0003749 | -.023187 | .0042366 | -.003661 |
| #2 | .0003782 | -.009926 | -.000389 | -.000342 | .058058  | .0007328 | -.007487 |
| #3 | -.000017 | -.006996 | .000033  | .000142  | .060840  | .0017852 | -.000714 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.013465 | .0027323 | .0067765 | .0004265 | -.004692 | .0022020 | .0004000 |
| Stddev | .014879  | .0565384 | .0007342 | .0001967 | .001605  | .0004163 | .0006675 |
| %RSD   | 110.5003 | 2069.244 | 10.83461 | 46.10667 | 34.21585 | 18.90384 | 166.8851 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.018659 | -.005016 | .0076209 | .0006082 | -.002867 | .0018911 | .0003247 |
| #2 | -.025050 | .062745  | .0062885 | .0004538 | -.005323 | .0020400 | .0011020 |
| #3 | .003315  | -.049532 | .0064201 | .0002177 | -.005886 | .0026749 | -.000227 |

Sample Name: CCB041      Acquired: 10/10/2017 20:29:44      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v209)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCB041      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002543 | -.000051 | -.000030 |
| Stddev | .0008530 | .000317  | .000033  |
| %RSD   | 335.4358 | 621.5055 | 109.9444 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0005508 | -.000383 | -.000015 |
| #2 | -.000707 | -.000019 | -.000067 |
| #3 | .000919  | .000249  | -.000007 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1015.905 | 1101.549 | 48312.54 | 10543.18 | 2781.733 |
| Stddev    | 30.896   | 2.692    | 801.02   | 89.70    | 2.147    |
| %RSD      | 3.041249 | .2443637 | 1.658000 | .8507427 | .0771658 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 980.913  | 1098.967 | 47388.85 | 10439.88 | 2779.618 |
| #2 | 1027.379 | 1104.338 | 48732.79 | 10588.45 | 2783.910 |
| #3 | 1039.422 | 1101.341 | 48815.98 | 10601.23 | 2781.673 |