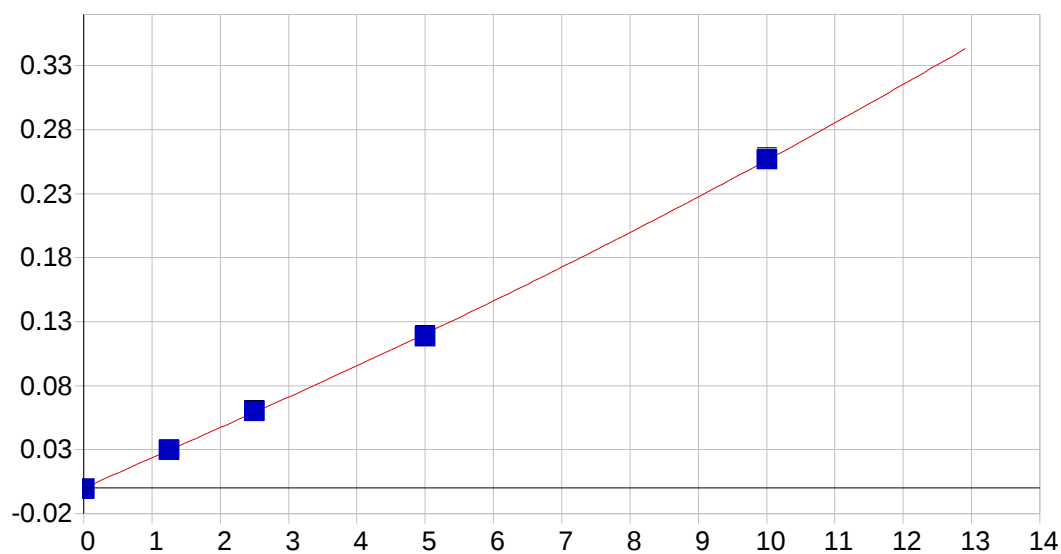




As 189.042 {479}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000878

Re-Slope: 1.000000

A1 (Gain): 0.023838

Y-int: 0.000000

A2 (Curvature): 0.000746

n (Exponent): 0.930000

Correlation: 0.999928

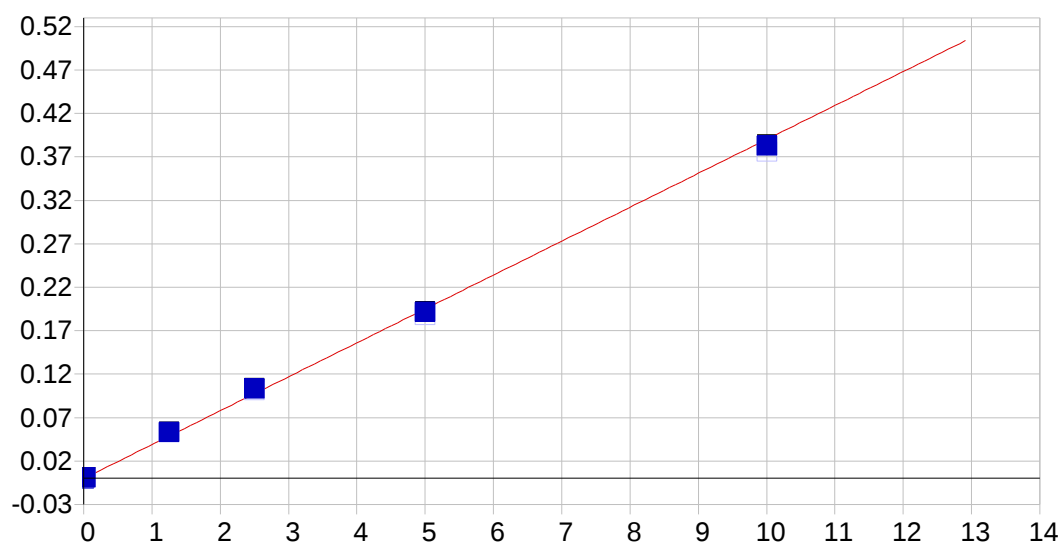
Status: Warning Positive Curvature

Std Error of Est: 0.000007

Predicted MDL: 0.012078

Predicted MQL: 0.040260

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00088 | .000    | 1        |
| S1        | .01000       | .00786      | -.002      | -21.4   | -.00062 | .000    | 1        |
| S2        | 1.2500       | 1.2614      | .011       | .910    | .02974  | .000    | 1        |
| S3        | 2.5000       | 2.5419      | .042       | 1.68    | .05988  | .001    | 1        |
| S4        | 5.0000       | 4.9244      | -.076      | -1.51   | .11812  | .001    | 1        |
| S5        | 10.000       | 10.024      | .024       | .244    | .25583  | .001    | 1        |

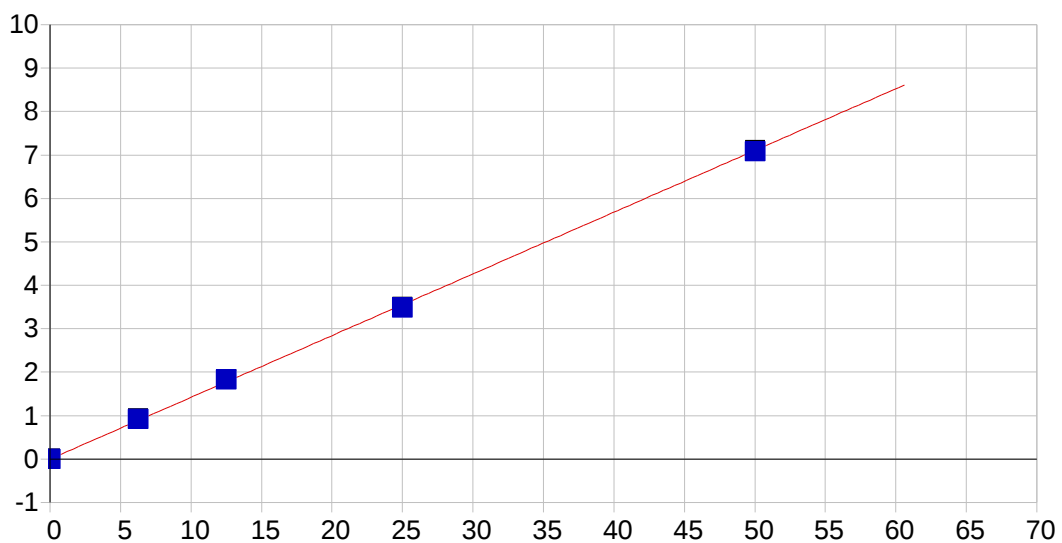


TI 190.856 {477}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000129 Re-Slope: 1.000000  
 A1 (Gain): 0.039029 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999310 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.006248  
 Predicted MQL: 0.020825

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00013 | .000    | 1        |
| S1        | .02500       | .02767      | .003       | 10.7    | .00087  | .000    | 1        |
| S2        | 1.2500       | 1.3719      | .122       | 9.75    | .05253  | .000    | 1        |
| S3        | 2.5000       | 2.6421      | .142       | 5.68    | .10121  | .001    | 1        |
| S4        | 5.0000       | 4.9121      | -.088      | -1.76   | .18804  | .001    | 1        |
| S5        | 10.000       | 9.8214      | -.179      | -1.79   | .37609  | .001    | 1        |

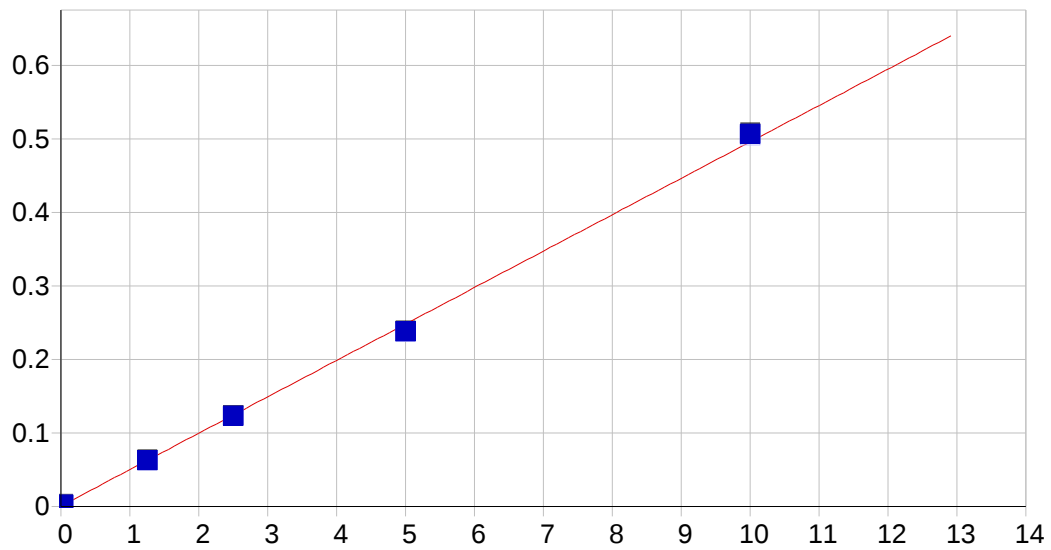


Pb 220.353 {453}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000504 Re-Slope: 1.000000  
 A1 (Gain): 0.142101 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999837 Status: OK.  
 Std Error of Est: 0.000096  
 Predicted MDL: 0.002626  
 Predicted MQL: 0.008753

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00050 | .001    | 1        |
| S1        | .01000       | .01061      | .001       | 6.10    | .00100  | .000    | 1        |
| S2        | 6.2500       | 6.5065      | .257       | 4.10    | .92402  | .004    | 1        |
| S3        | 12.500       | 12.851      | .351       | 2.81    | 1.8256  | .007    | 1        |
| S4        | 25.000       | 24.505      | -.495      | -1.98   | 3.4815  | .008    | 1        |
| S5        | 50.000       | 49.886      | -.114      | -.228   | 7.0879  | .022    | 1        |

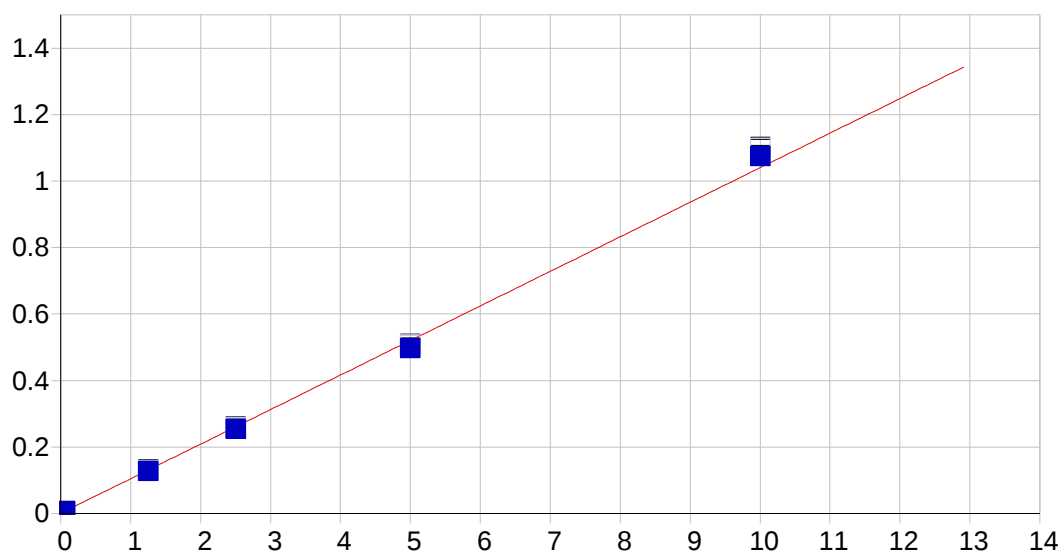


Se 196.090 {472}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000617 Re-Slope: 1.000000  
 A1 (Gain): 0.049507 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999640 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.007168  
 Predicted MQL: 0.023894

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00062 | .000    | 1        |
| S1        | .03500       | .03954      | .005       | 13.0    | .00257 | .000    | 1        |
| S2        | 1.2500       | 1.2598      | .010       | .786    | .06276 | .000    | 1        |
| S3        | 2.5000       | 2.4781      | -.022      | -.875   | .12284 | .001    | 1        |
| S4        | 5.0000       | 4.7977      | -.202      | -4.05   | .23722 | .001    | 1        |
| S5        | 10.000       | 10.210      | .210       | 2.10    | .50424 | .001    | 1        |

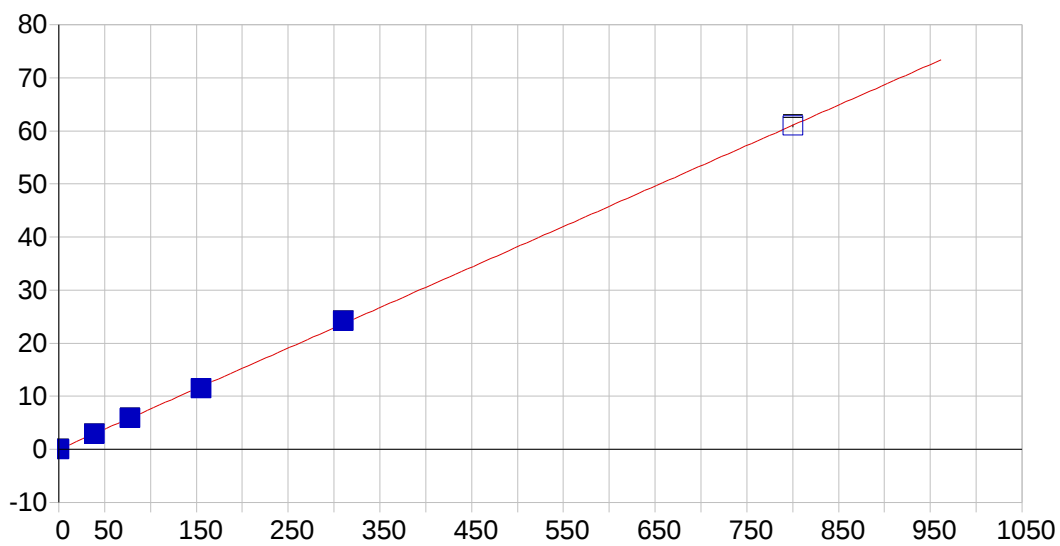


Sb 206.833 {463}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000689 Re-Slope: 1.000000  
 A1 (Gain): 0.103955 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999399 Status: OK.  
 Std Error of Est: 0.000152  
 Predicted MDL: 0.003359  
 Predicted MQL: 0.011198

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00069 | .000    | 1        |
| S1        | .06000       | .06026      | .000       | .430    | .00695 | .000    | 1        |
| S2        | 1.2500       | 1.2226      | -.027      | -2.19   | .13091 | .001    | 1        |
| S3        | 2.5000       | 2.4333      | -.067      | -2.67   | .25988 | .001    | 1        |
| S4        | 5.0000       | 4.7682      | -.232      | -4.64   | .50885 | .001    | 1        |
| S5        | 10.000       | 10.326      | .326       | 3.26    | 1.0991 | .003    | 1        |

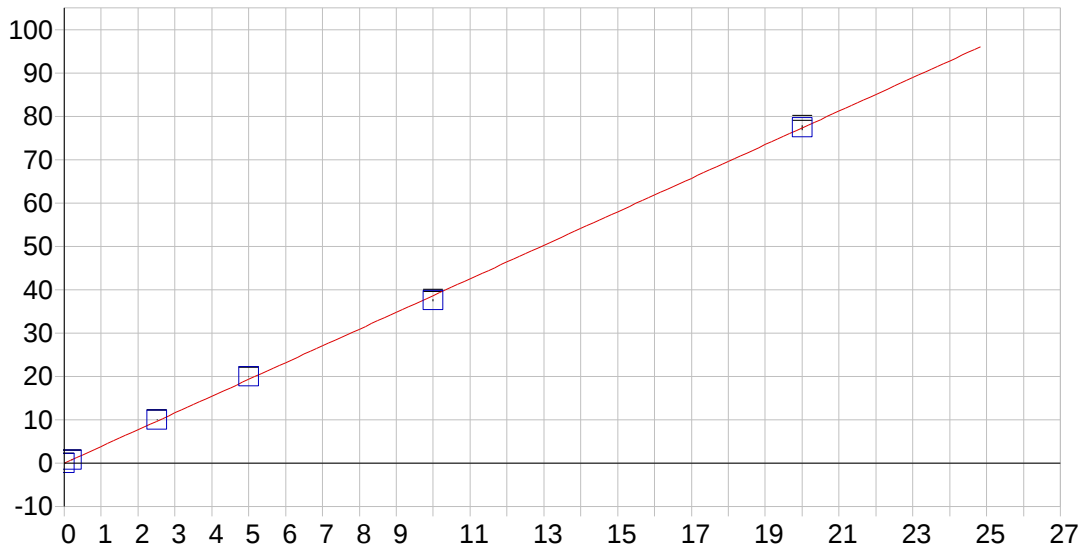


AI 396.152 { 85}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000631 Re-Slope: 1.000000  
 A1 (Gain): 0.076314 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999892 Status: OK.  
 Std Error of Est: 0.000697  
 Predicted MDL: 0.007300  
 Predicted MQL: 0.024333

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00063 | .000    | 1        |
| S1        | .20000       | .21523      | .015       | 7.61    | .01582  | .000    | 1        |
| S2        | 38.750       | 38.293      | -.457      | -1.18   | 2.9252  | .004    | 1        |
| S3        | 77.500       | 76.840      | -.660      | -.852   | 5.8704  | .005    | 1        |
| S4        | 155.00       | 150.32      | -4.68      | -3.02   | 11.485  | .012    | 1        |
| S5        | 310.00       | 316.67      | 6.67       | 2.15    | 24.194  | .093    | 1        |
| S6        | 800.00       | 799.11      | -.894      | -.112   | 60.982  | .256    | 1        |

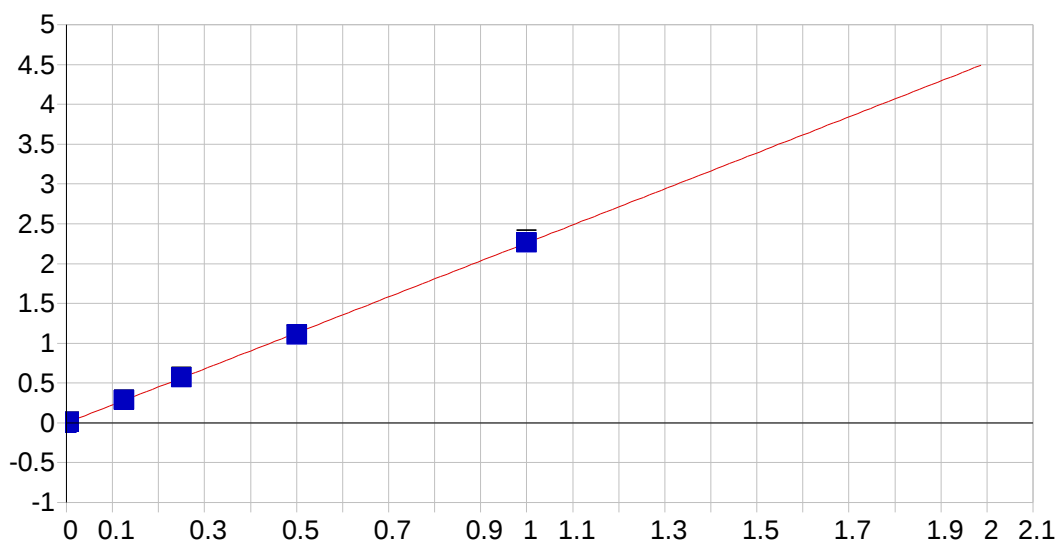


Ba 493.409 { 68}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.023388 Re-Slope: 1.000000  
 A1 (Gain): 3.866663 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999765 Status: OK.  
 Std Error of Est: 0.008911  
 Predicted MDL: 0.000397  
 Predicted MQL: 0.001325

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | -.02347 | .001    | 1        |
| S1        | .20000       | .21434      | .014       | 7.17    | .80538  | .006    | 1        |
| S2        | 2.5000       | 2.5871      | .087       | 3.48    | 9.9800  | .026    | 1        |
| S3        | 5.0000       | 5.1651      | .165       | 3.30    | 19.948  | .054    | 1        |
| S4        | 10.000       | 9.7138      | -.286      | -2.86   | 37.537  | .284    | 1        |
| S5        | 20.000       | 20.020      | .020       | .098    | 77.386  | .598    | 1        |

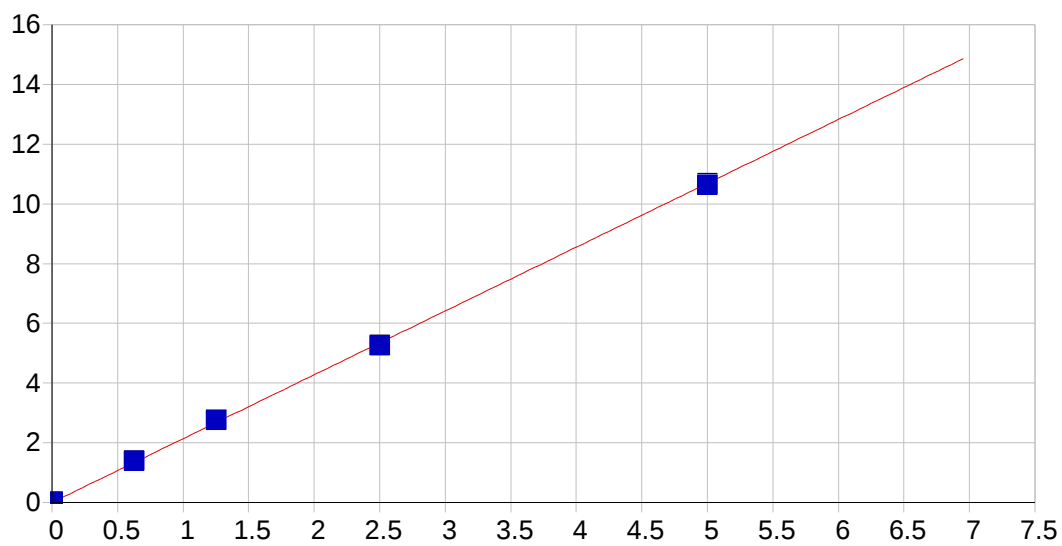


Be 234.861 {144}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000735 Re-Slope: 1.000000  
 A1 (Gain): 2.260369 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999898 Status: OK.  
 Std Error of Est: 0.000121  
 Predicted MDL: 0.000119  
 Predicted MQL: 0.000398

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00074 | .000    | 1        |
| S1        | .00500       | .00529      | .000       | 5.72    | .01121  | .000    | 1        |
| S2        | .12500       | .12801      | .003       | 2.41    | .28767  | .002    | 1        |
| S3        | .25000       | .25379      | .004       | 1.52    | .57103  | .001    | 1        |
| S4        | .50000       | .48945      | -.011      | -2.11   | 1.1018  | .000    | 1        |
| S5        | 1.0000       | 1.0035      | .003       | .346    | 2.2599  | .033    | 1        |

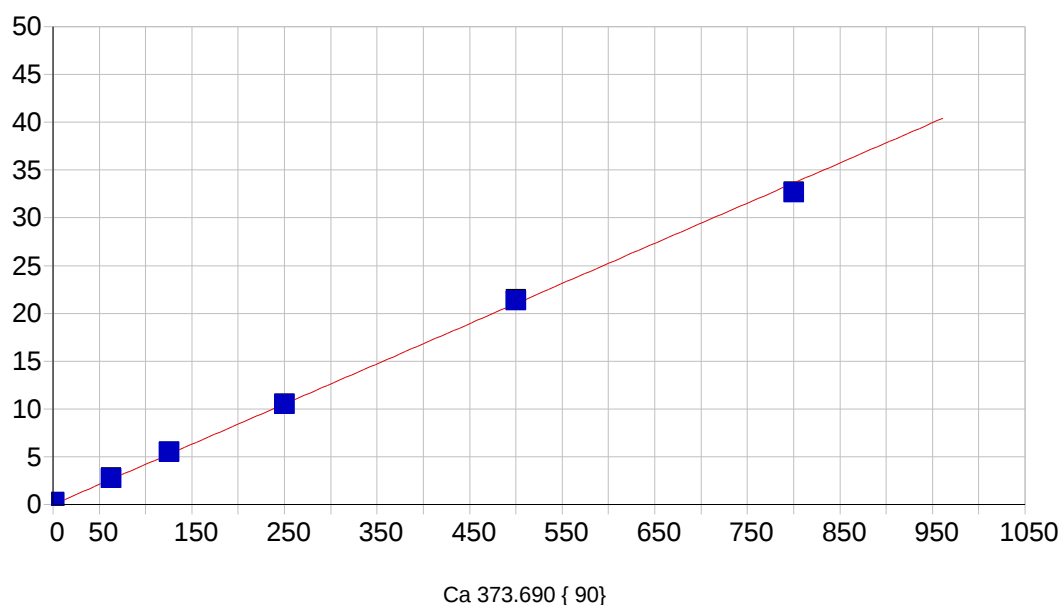


Cd 214.438 {457}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000529 Re-Slope: 1.000000  
 A1 (Gain): 2.137510 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999829 Status: OK.  
 Std Error of Est: 0.000332  
 Predicted MDL: 0.000142  
 Predicted MQL: 0.000475

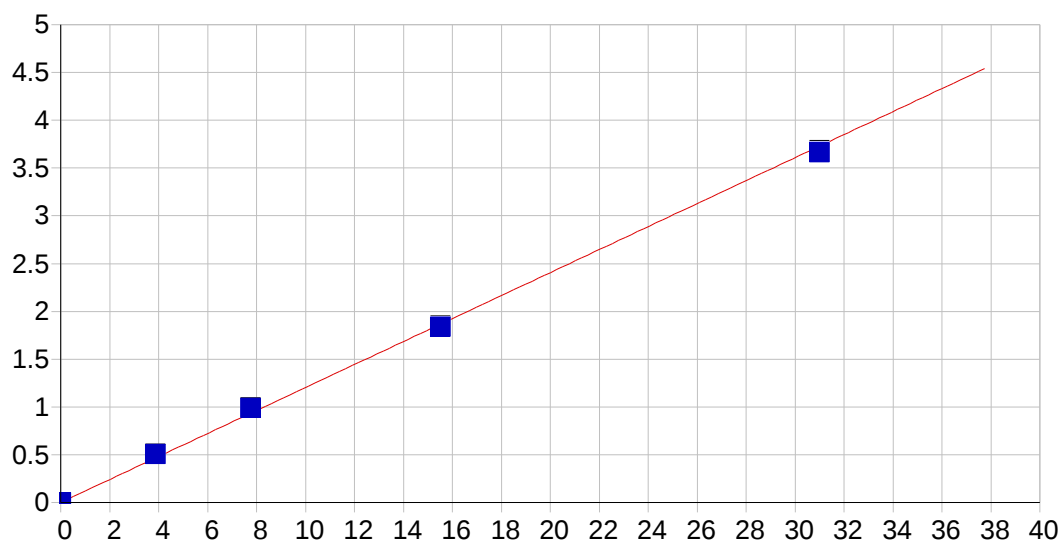
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00053 | .000    | 1        |
| S1        | .00500       | .00495      | .000       | -1.06   | .01111 | .000    | 1        |
| S2        | .62500       | .65051      | .026       | 4.08    | 1.3933 | .004    | 1        |
| S3        | 1.2500       | 1.2916      | .042       | 3.32    | 2.7659 | .010    | 1        |
| S4        | 2.5000       | 2.4592      | -.041      | -1.63   | 5.2664 | .010    | 1        |
| S5        | 5.0000       | 4.9738      | -.026      | -.524   | 10.651 | .032    | 1        |



Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002298 Re-Slope: 1.000000  
 A1 (Gain): 0.042044 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.993805 Status: OK.  
 Std Error of Est: 0.007320  
 Predicted MDL: 0.011286  
 Predicted MQL: 0.037622

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00461     | -.005      | .000    | .00210 | .000    | 1        |
| S1        | 1.0000       | 5.5113      | 4.51       | 451.    | .23401 | .001    | 1        |
| S2        | 62.500       | 66.126      | 3.63       | 5.80    | 2.7793 | .007    | 1        |
| S3        | 125.00       | 131.09      | 6.09       | 4.87    | 5.5075 | .003    | 1        |
| S4        | 250.00       | 250.07      | .069       | .028    | 10.504 | .012    | 1        |
| S5        | 500.00       | 508.44      | 8.44       | 1.69    | 21.354 | .096    | 1        |
| S6        | 800.00       | 777.24      | -22.8      | -2.85   | 32.613 | .017    | 1        |

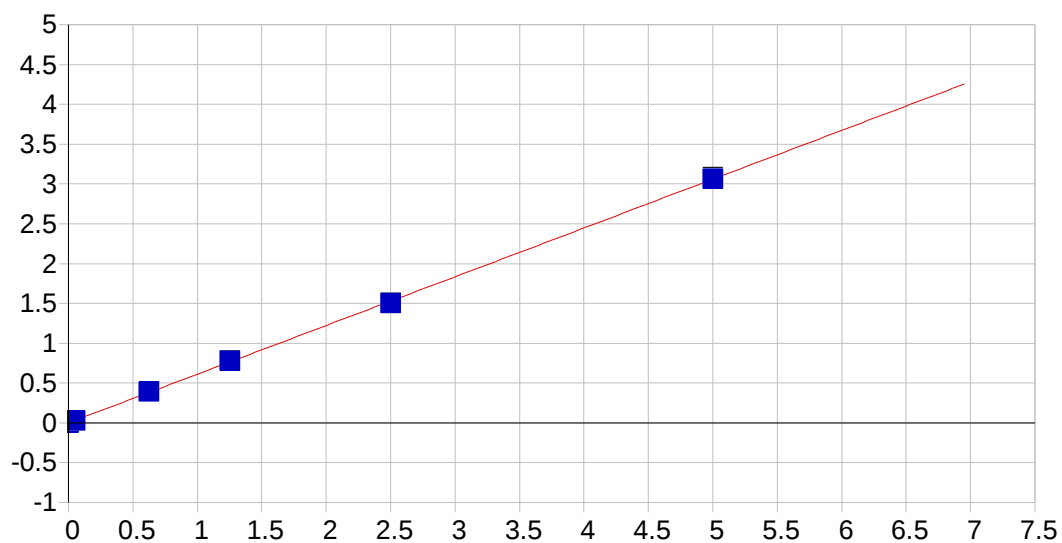


Cr 267.716 {126}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000040 Re-Slope: 1.000000  
 A1 (Gain): 0.120291 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999423 Status: OK.  
 Std Error of Est: 0.000121  
 Predicted MDL: 0.000498  
 Predicted MQL: 0.001659

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01245      | .002       | 24.5    | .00155 | .000    | 1        |
| S2        | 3.8750       | 4.2057      | .331       | 8.53    | .50716 | .000    | 1        |
| S3        | 7.7500       | 8.1949      | .445       | 5.74    | .98823 | .002    | 1        |
| S4        | 15.500       | 15.275      | -.225      | -1.45   | 1.8423 | .005    | 1        |
| S5        | 31.000       | 30.447      | -.553      | -1.78   | 3.6723 | .011    | 1        |

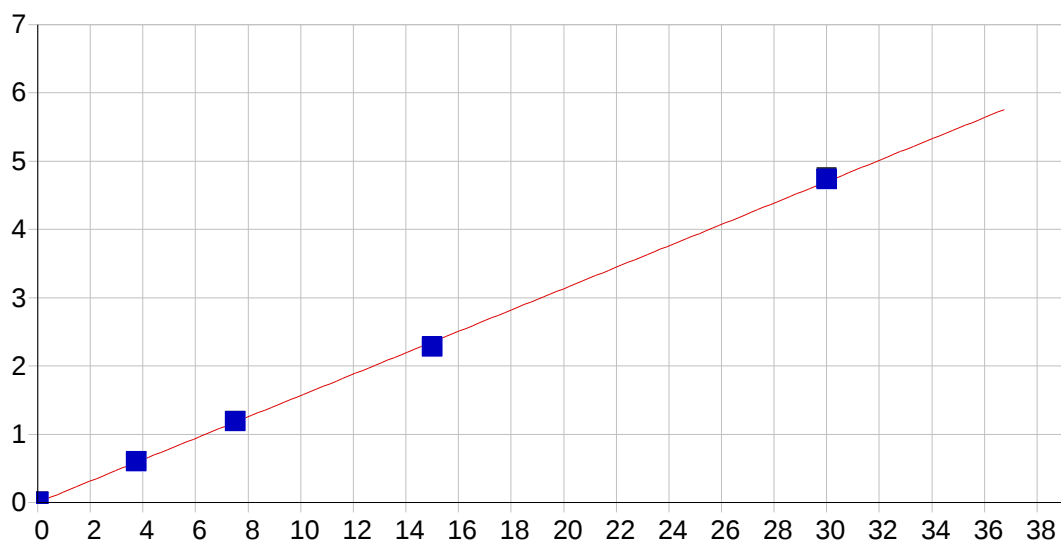


Co 228.616 {448}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000575 Re-Slope: 1.000000  
 A1 (Gain): 0.612056 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999916 Status: OK.  
 Std Error of Est: 0.000211  
 Predicted MDL: 0.000438  
 Predicted MQL: 0.001459

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00057 | .000    | 1        |
| S1        | .05000       | .04889      | -.001      | -2.21   | .02946  | .000    | 1        |
| S2        | .62500       | .63734      | .012       | 1.97    | .39031  | .001    | 1        |
| S3        | 1.2500       | 1.2726      | .023       | 1.81    | .77992  | .003    | 1        |
| S4        | 2.5000       | 2.4533      | -.047      | -1.87   | 1.5042  | .003    | 1        |
| S5        | 5.0000       | 5.0129      | .013       | .257    | 3.0740  | .009    | 1        |

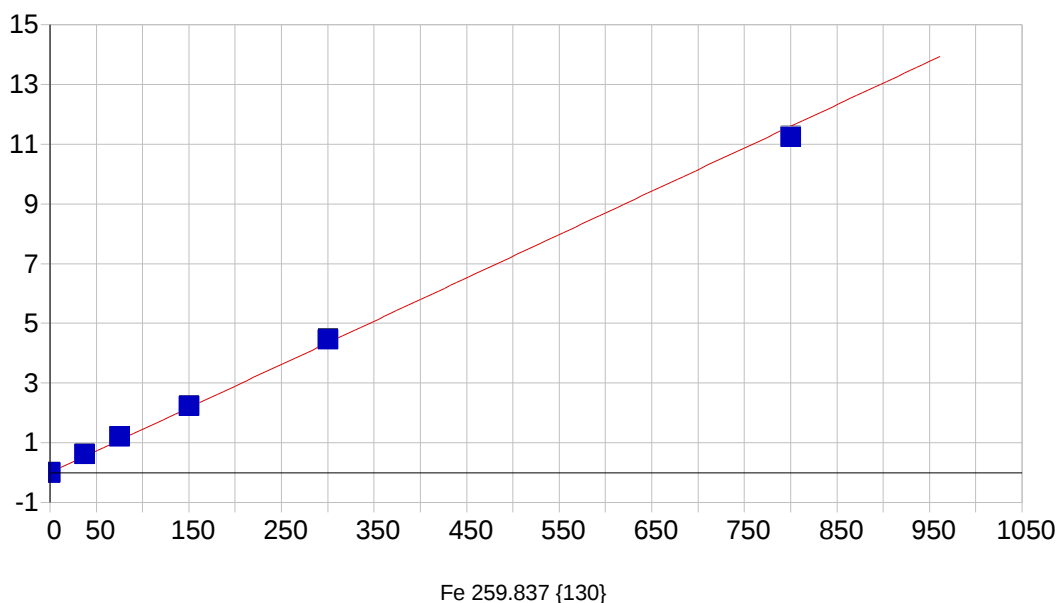


Cu 324.754 {104}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000515 Re-Slope: 1.000000  
 A1 (Gain): 0.156645 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.000131  
 Predicted MDL: 0.002100  
 Predicted MQL: 0.006998

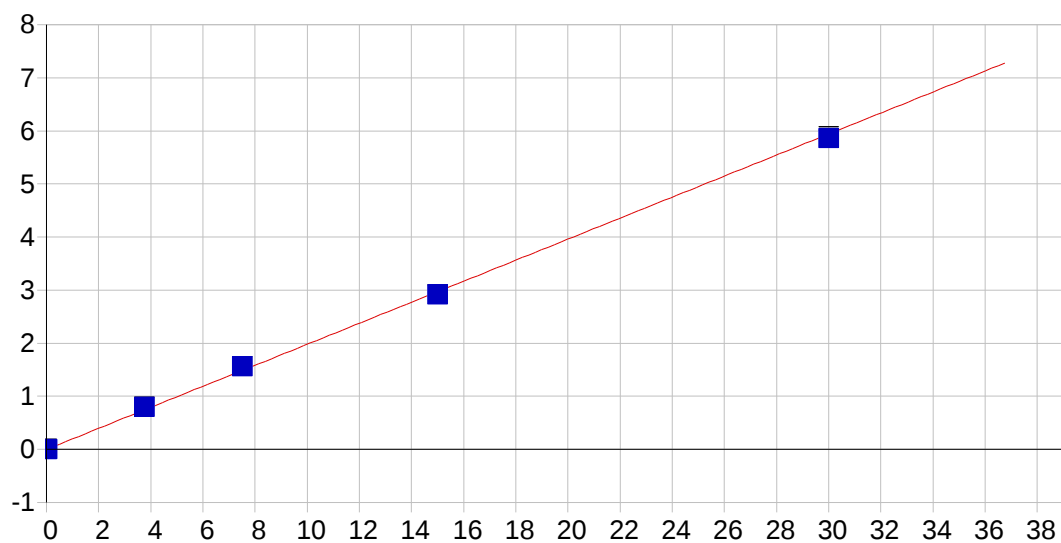
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00051 | .000    | 1        |
| S1        | .02500       | .02731      | .002       | 9.24    | .00477 | .000    | 1        |
| S2        | 3.7500       | 3.8229      | .073       | 1.94    | .59768 | .002    | 1        |
| S3        | 7.5000       | 7.5984      | .098       | 1.31    | 1.1874 | .002    | 1        |
| S4        | 15.000       | 14.555      | -.445      | -2.96   | 2.2738 | .002    | 1        |
| S5        | 30.000       | 30.271      | .271       | .904    | 4.7289 | .017    | 1        |



Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000136 Re-Slope: 1.000000  
 A1 (Gain): 0.014493 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999110 Status: OK.  
 Std Error of Est: 0.000267  
 Predicted MDL: 0.013882  
 Predicted MQL: 0.046273

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | .000       | .000    | .00014 | .000    | 1        |
| S1        | .10000       | .11479      | .015       | 14.8    | .00181 | .000    | 1        |
| S2        | 37.500       | 42.288      | 4.79       | 12.8    | .61367 | .003    | 1        |
| S3        | 75.000       | 82.552      | 7.55       | 10.1    | 1.1979 | .002    | 1        |
| S4        | 150.00       | 154.02      | 4.02       | 2.68    | 2.2350 | .003    | 1        |
| S5        | 300.00       | 307.95      | 7.95       | 2.65    | 4.4685 | .024    | 1        |
| S6        | 800.00       | 775.66      | -24.3      | -3.04   | 11.248 | .015    | 1        |



Date of Fit: 2/13/2017 18:46:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000083

Re-Slope: 1.000000

A1 (Gain): 0.198009

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999553

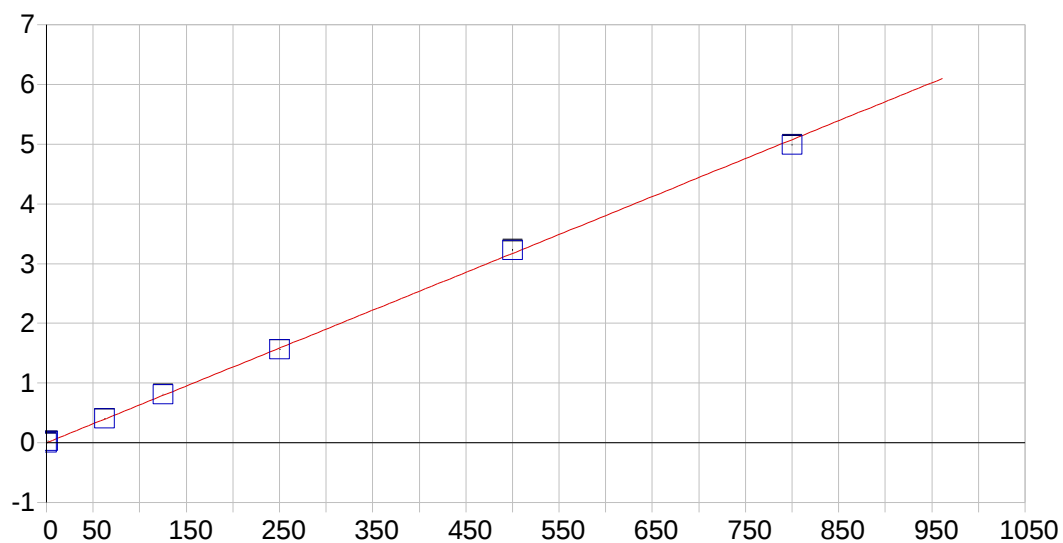
Status: OK.

Std Error of Est: 0.000211

Predicted MDL: 0.000892

Predicted MQL: 0.002974

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .01500       | .01705      | .002       | 13.7    | .00346 | .000    | 1        |
| S2        | 3.7500       | 4.0248      | .275       | 7.33    | .79719 | .003    | 1        |
| S3        | 7.5000       | 7.8865      | .387       | 5.15    | 1.5620 | .003    | 1        |
| S4        | 15.000       | 14.730      | -.270      | -1.80   | 2.9174 | .003    | 1        |
| S5        | 30.000       | 29.607      | -.393      | -1.31   | 5.8638 | .029    | 1        |

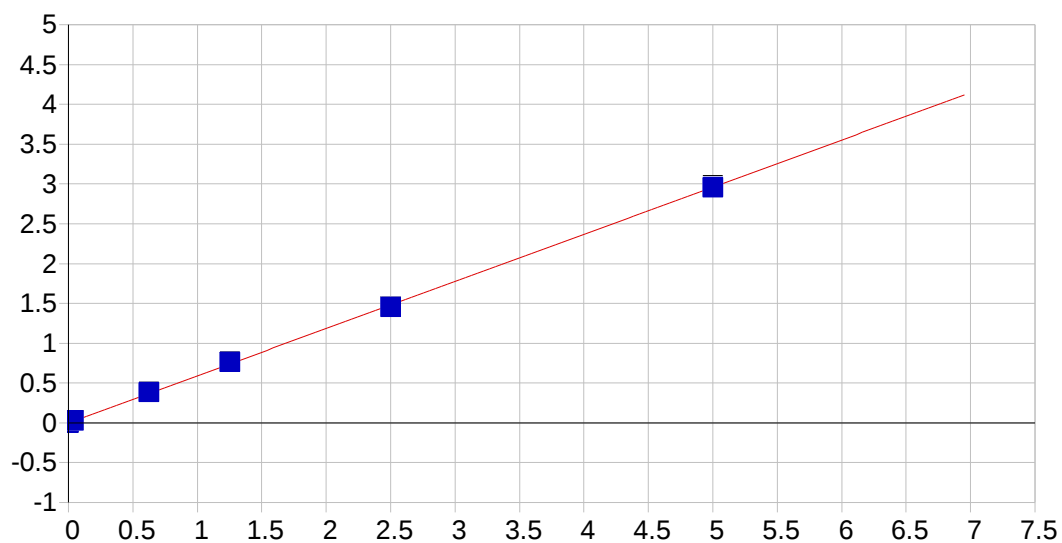


Mg 279.079 {121}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000  
 A1 (Gain): 0.006343 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.994875 Status: OK.  
 Std Error of Est: 0.001005  
 Predicted MDL: 0.035948  
 Predicted MQL: 0.119825

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00420     | -.004      | .000    | -.00019 | .000    | 1        |
| S1        | 1.0000       | 5.1690      | 4.17       | 417.    | .03262  | .000    | 1        |
| S2        | 62.500       | 63.832      | 1.33       | 2.13    | .40472  | .002    | 1        |
| S3        | 125.00       | 128.04      | 3.04       | 2.44    | .81202  | .002    | 1        |
| S4        | 250.00       | 246.52      | -3.48      | -1.39   | 1.5635  | .001    | 1        |
| S5        | 500.00       | 508.97      | 8.97       | 1.79    | 3.2283  | .015    | 1        |
| S6        | 800.00       | 785.97      | -14.0      | -1.75   | 4.9852  | .010    | 1        |

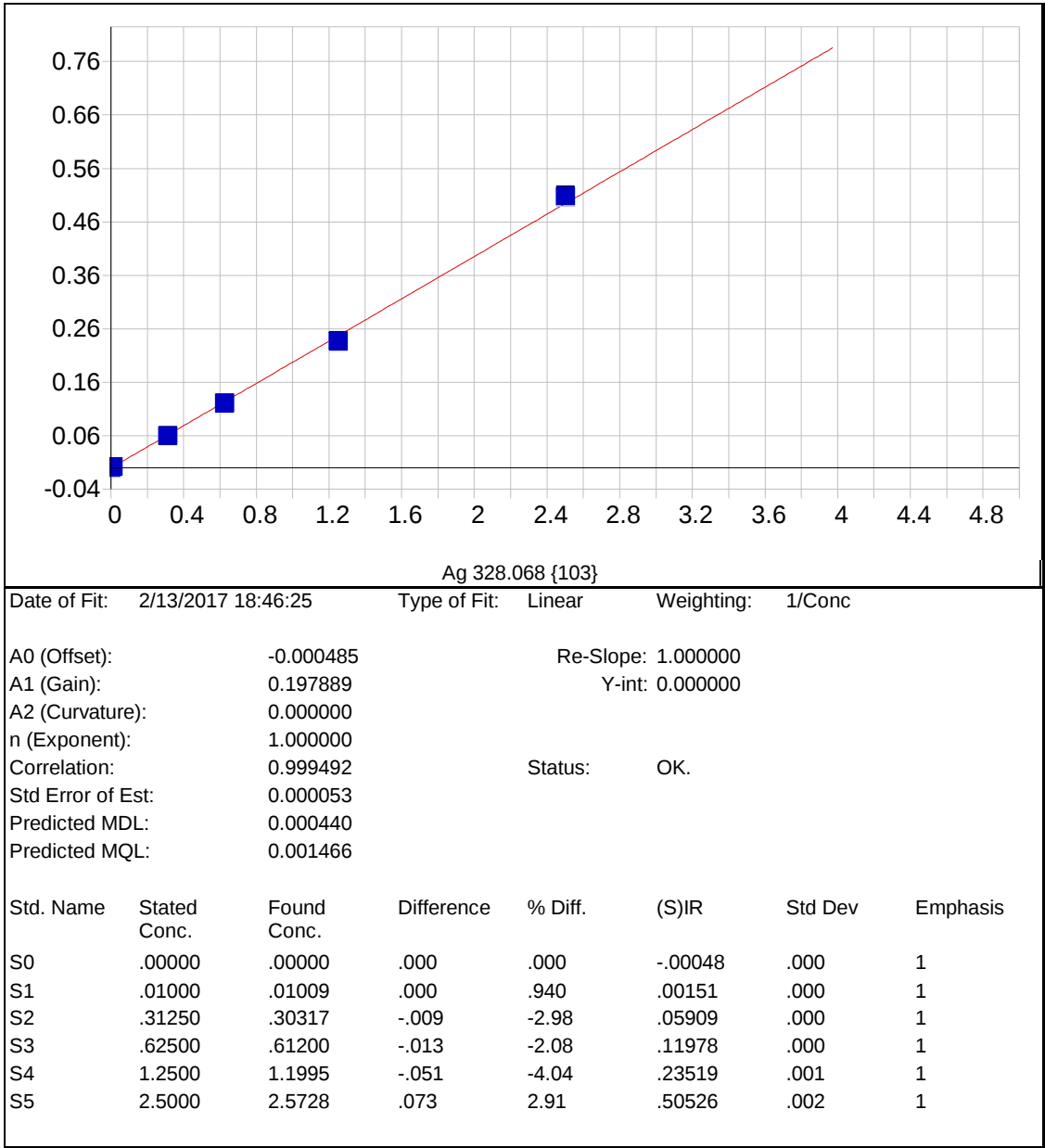


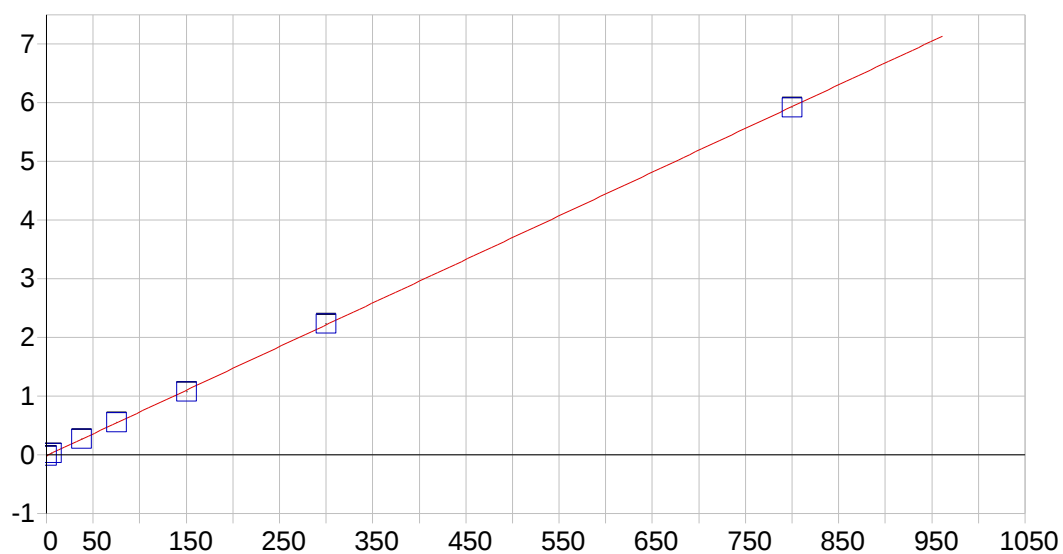
Ni 231.604 {446}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000104 Re-Slope: 1.000000  
 A1 (Gain): 0.591972 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999862 Status: OK.  
 Std Error of Est: 0.000235  
 Predicted MDL: 0.000564  
 Predicted MQL: 0.001880

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00011 | .000    | 1        |
| S1        | .04000       | .04102      | .001       | 2.54    | .02421  | .000    | 1        |
| S2        | .62500       | .64629      | .021       | 3.41    | .38443  | .002    | 1        |
| S3        | 1.2500       | 1.2850      | .035       | 2.80    | .76447  | .002    | 1        |
| S4        | 2.5000       | 2.4531      | -.047      | -1.88   | 1.4598  | .003    | 1        |
| S5        | 5.0000       | 4.9897      | -.010      | -.207   | 2.9692  | .010    | 1        |



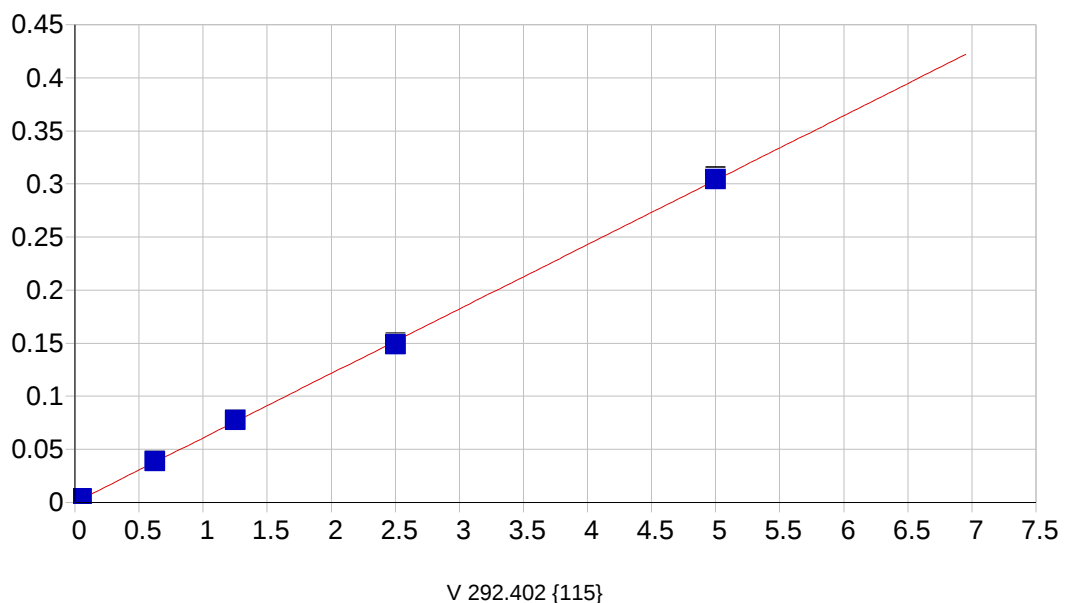


Na 818.326 { 41}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013962 Re-Slope: 1.000000  
 A1 (Gain): 0.007435 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999934 Status: OK.  
 Std Error of Est: 0.000264  
 Predicted MDL: 0.158626  
 Predicted MQL: 0.528752

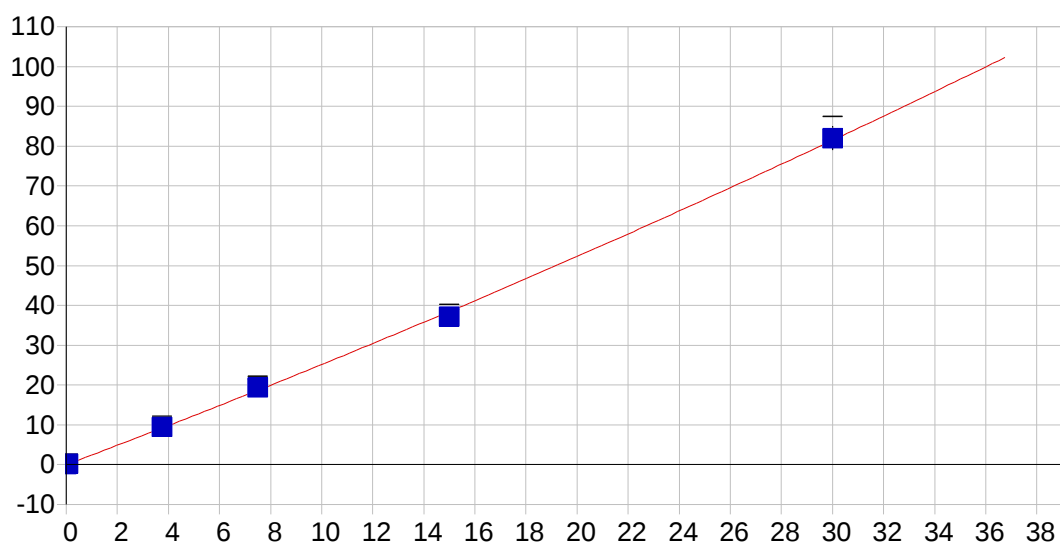
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00034     | .000       | .000    | -.01396 | .001    | 1        |
| S1        | 5.0000       | 5.2305      | .230       | 4.61    | .02493  | .001    | 1        |
| S2        | 37.500       | 38.129      | .629       | 1.68    | .26953  | .001    | 1        |
| S3        | 75.000       | 76.623      | 1.62       | 2.16    | .55572  | .002    | 1        |
| S4        | 150.00       | 146.28      | -3.72      | -2.48   | 1.0736  | .002    | 1        |
| S5        | 300.00       | 302.91      | 2.91       | .969    | 2.2381  | .008    | 1        |
| S6        | 800.00       | 798.33      | -1.67      | -.209   | 5.9215  | .005    | 1        |



Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000177 Re-Slope: 1.000000  
 A1 (Gain): 0.060679 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999889 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.003678  
 Predicted MQL: 0.012259

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00018 | .000    | 1        |
| S1        | .05000       | .05399      | .004       | 7.98    | .00346 | .000    | 1        |
| S2        | .62500       | .63802      | .013       | 2.08    | .03905 | .000    | 1        |
| S3        | 1.2500       | 1.2750      | .025       | 2.00    | .07786 | .000    | 1        |
| S4        | 2.5000       | 2.4497      | -.050      | -2.01   | .14945 | .001    | 1        |
| S5        | 5.0000       | 5.0083      | .008       | .165    | .30533 | .002    | 1        |

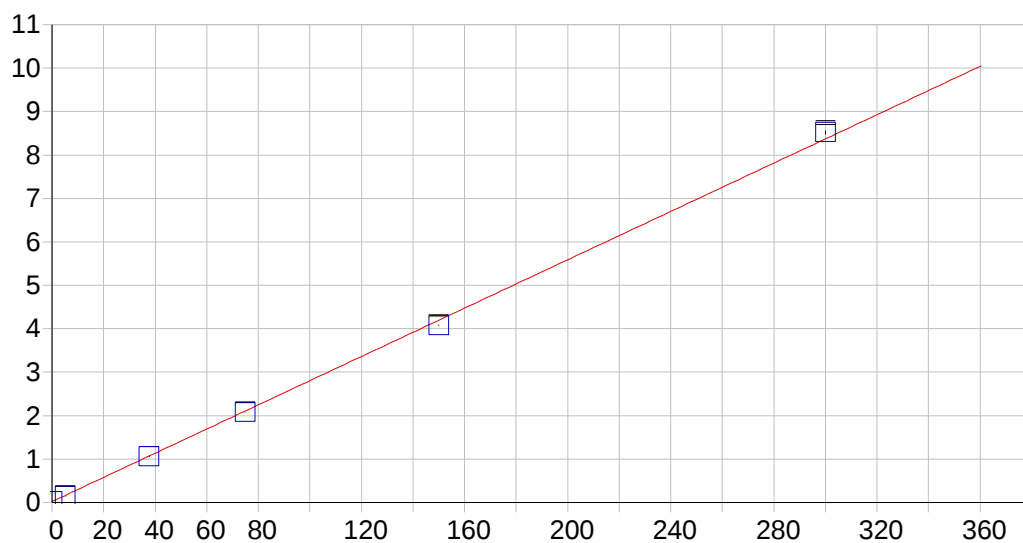


Zn 213.856 {158}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.013786 Re-Slope: 1.000000  
 A1 (Gain): 2.413289 Y-int: 0.000000  
 A2 (Curvature): 0.010043  
 n (Exponent): 1.000000  
 Correlation: 0.999751 Status: Warning Positive Curvature  
 Std Error of Est: 0.004826  
 Predicted MDL: 0.008745  
 Predicted MQL: 0.029149

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01379 | .016    | 1        |
| S1        | .06000       | .05847      | -.002      | -2.56   | .15546 | .027    | 1        |
| S2        | 3.7500       | 3.8314      | .081       | 2.17    | 9.4292 | .299    | 1        |
| S3        | 7.5000       | 7.7556      | .256       | 3.41    | 19.378 | .432    | 1        |
| S4        | 15.000       | 14.509      | -.491      | -3.28   | 37.228 | .613    | 1        |
| S5        | 30.000       | 30.158      | .158       | .526    | 82.101 | 2.98    | 1        |

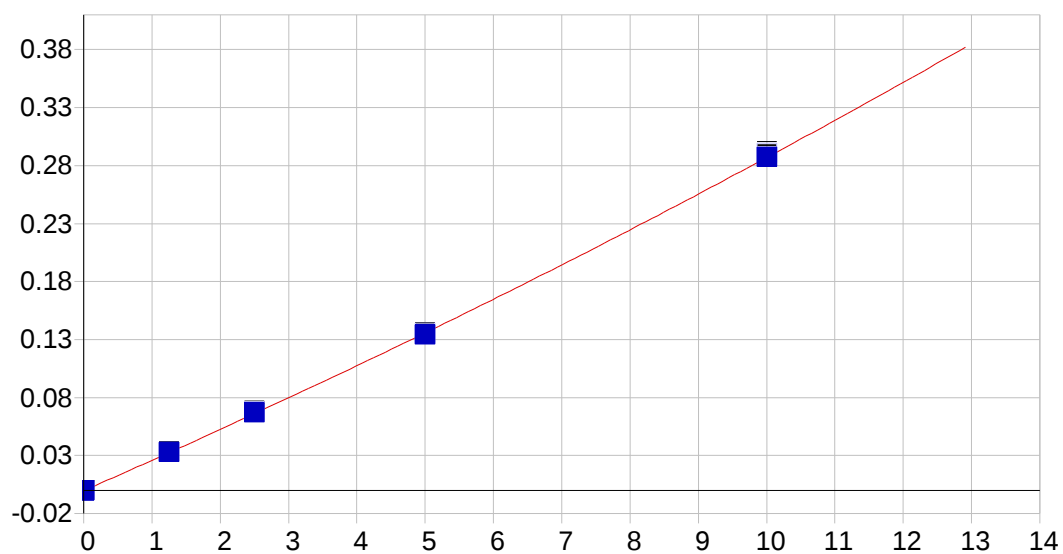


K 769.896 { 44}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.020687 Re-Slope: 1.000000  
 A1 (Gain): 0.027835 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999807 Status: OK.  
 Std Error of Est: 0.001129  
 Predicted MDL: 0.039473  
 Predicted MQL: 0.131576

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00024      | .000       | .000    | .02069 | .001    | 1        |
| S1        | 5.0000       | 4.8914      | -.109      | -2.17   | .15684 | .001    | 1        |
| S2        | 37.500       | 37.370      | -.130      | -.348   | 1.0609 | .002    | 1        |
| S3        | 75.000       | 74.024      | -.976      | -1.30   | 2.0812 | .006    | 1        |
| S4        | 150.00       | 145.92      | -4.08      | -2.72   | 4.0825 | .014    | 1        |
| S5        | 300.00       | 305.29      | 5.29       | 1.76    | 8.5185 | .040    | 1        |



P 177.495 {490}

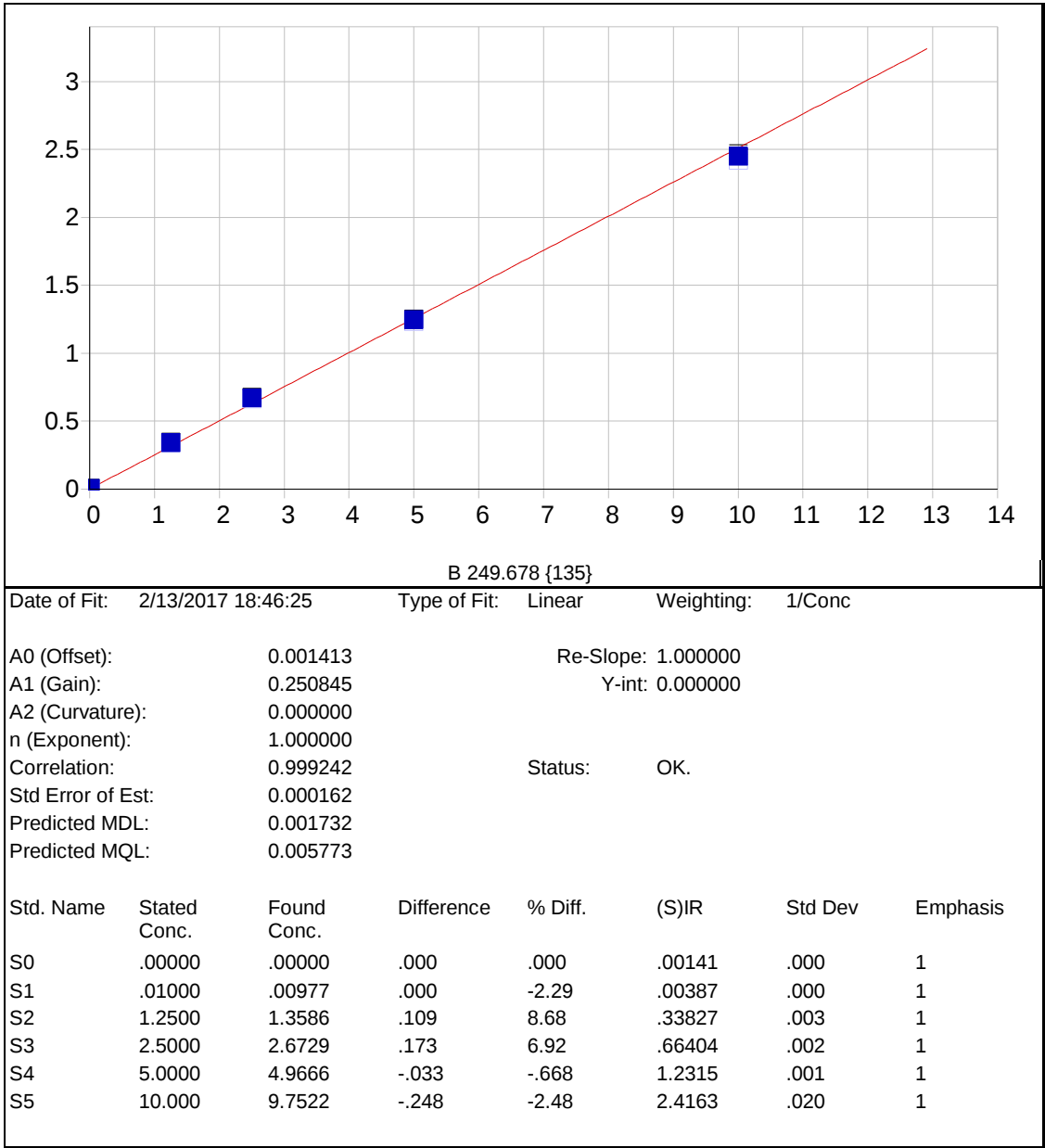
Date of Fit: 2/13/2017 18:46:25 Type of Fit: Full Fit Weighting: 1/Conc

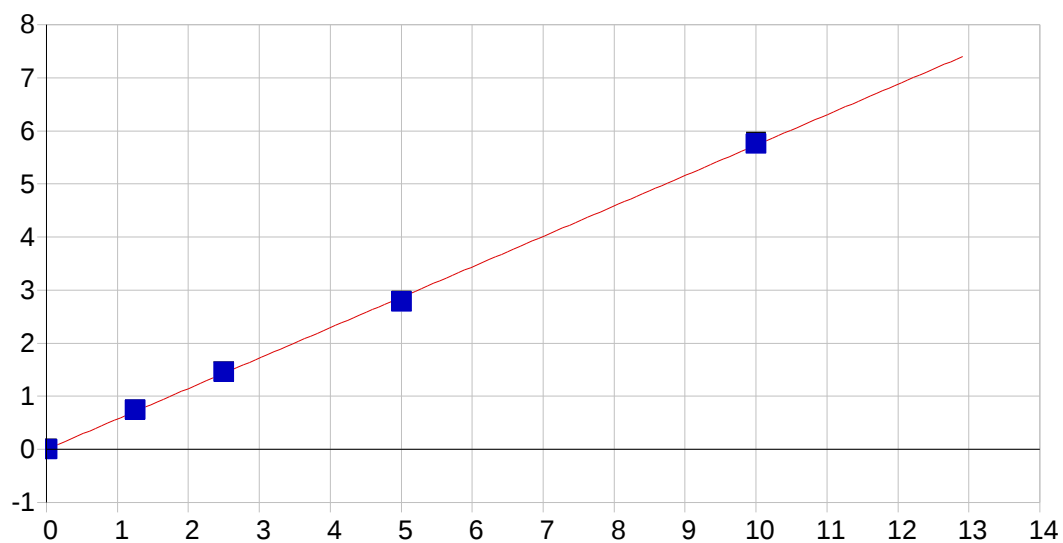
A0 (Offset): -0.000453  
 A1 (Gain): 0.025949  
 A2 (Curvature): 0.000354  
 n (Exponent): 0.990000  
 Correlation: 0.999924  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.007486  
 Predicted MQL: 0.024952

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: Warning Positive Curvature

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00045 | .000    | 1        |
| S1        | .01000       | .00599      | -.004      | -40.1   | -.00028 | .000    | 1        |
| S2        | 1.2500       | 1.2611      | .011       | .889    | .03318  | .000    | 1        |
| S3        | 2.5000       | 2.5358      | .036       | 1.43    | .06781  | .001    | 1        |
| S4        | 5.0000       | 4.9385      | -.062      | -1.23   | .13570  | .000    | 1        |
| S5        | 10.000       | 10.019      | .019       | .191    | .29087  | .001    | 1        |



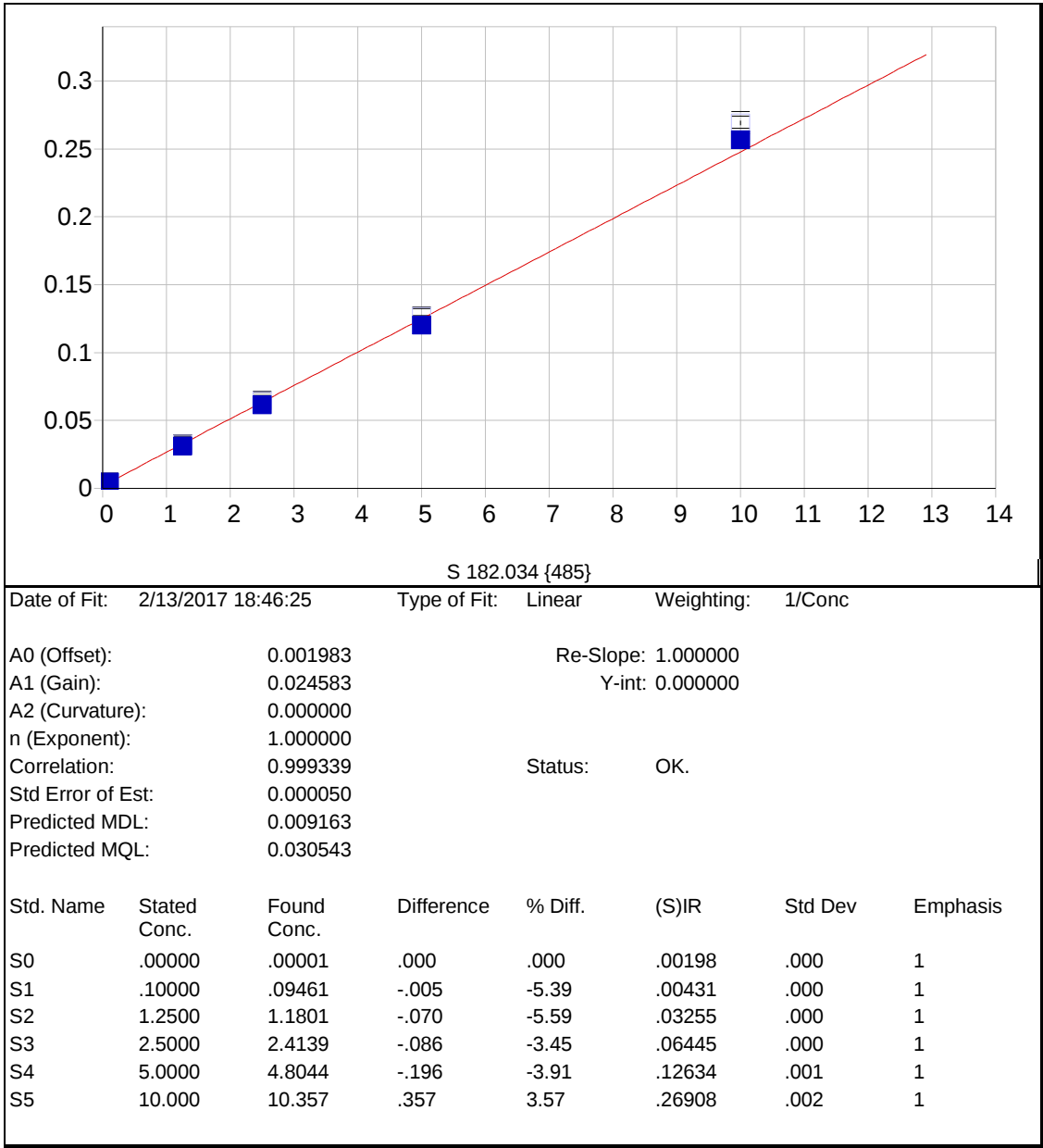


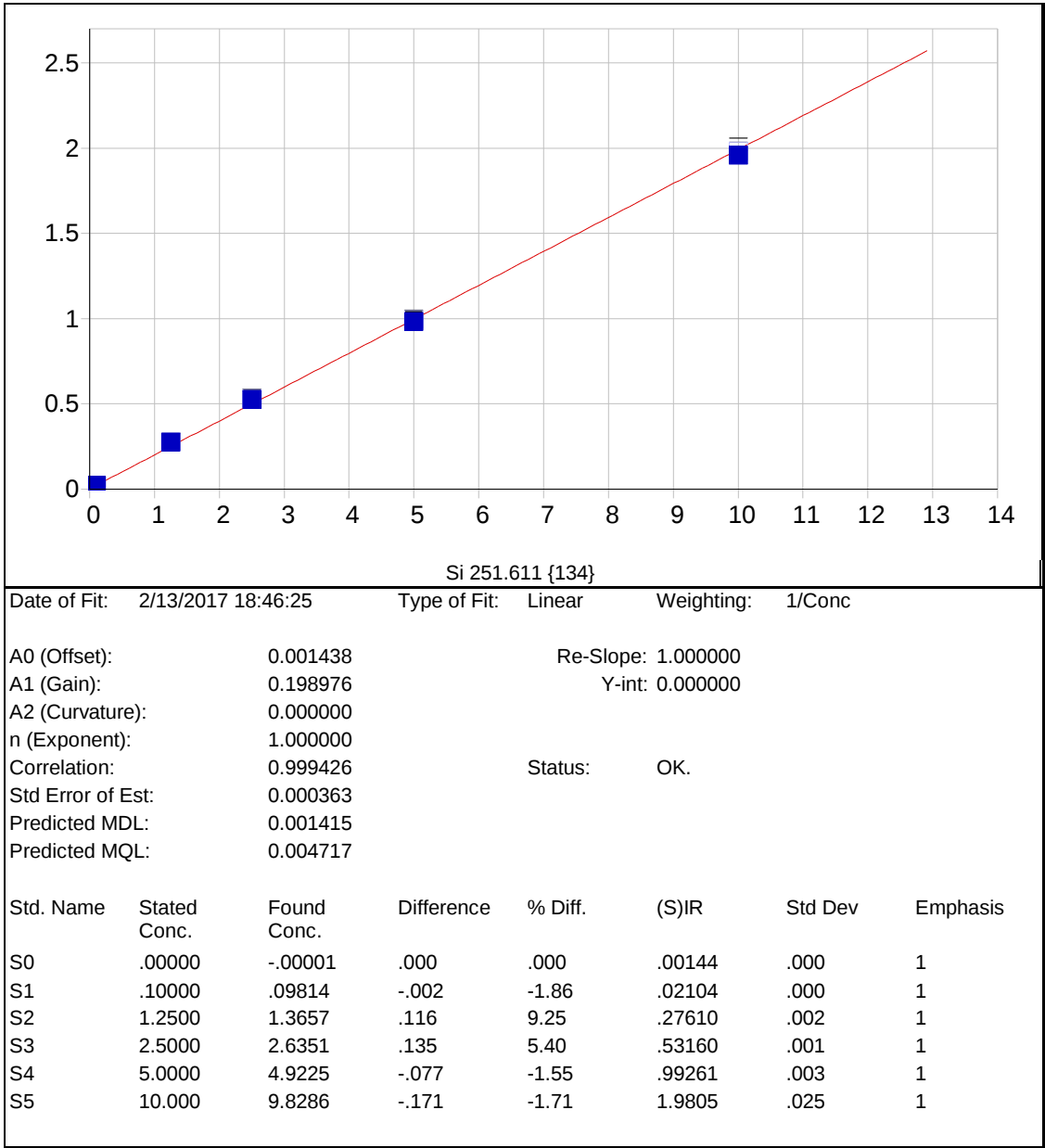
Mo 202.030 {467}

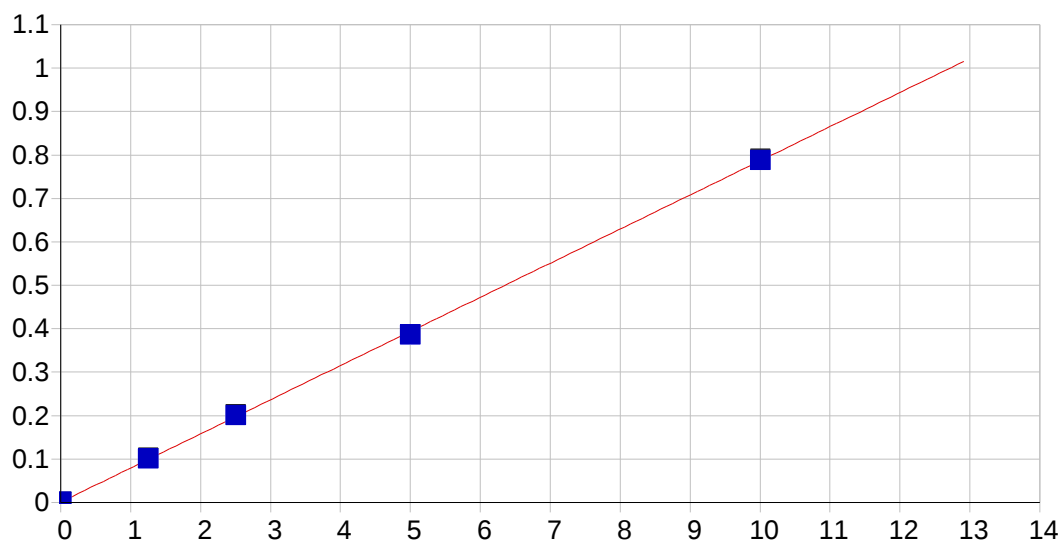
Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000  
 A1 (Gain): 0.573100 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999810 Status: OK.  
 Std Error of Est: 0.000187  
 Predicted MDL: 0.000645  
 Predicted MQL: 0.002150

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .01000       | .01098      | .001       | 9.83    | .00635 | .000    | 1        |
| S2        | 1.2500       | 1.2973      | .047       | 3.78    | .74417 | .000    | 1        |
| S3        | 2.5000       | 2.5506      | .051       | 2.02    | 1.4631 | .004    | 1        |
| S4        | 5.0000       | 4.8578      | -.142      | -2.84   | 2.7867 | .005    | 1        |
| S5        | 10.000       | 10.043      | .043       | .434    | 5.7611 | .023    | 1        |





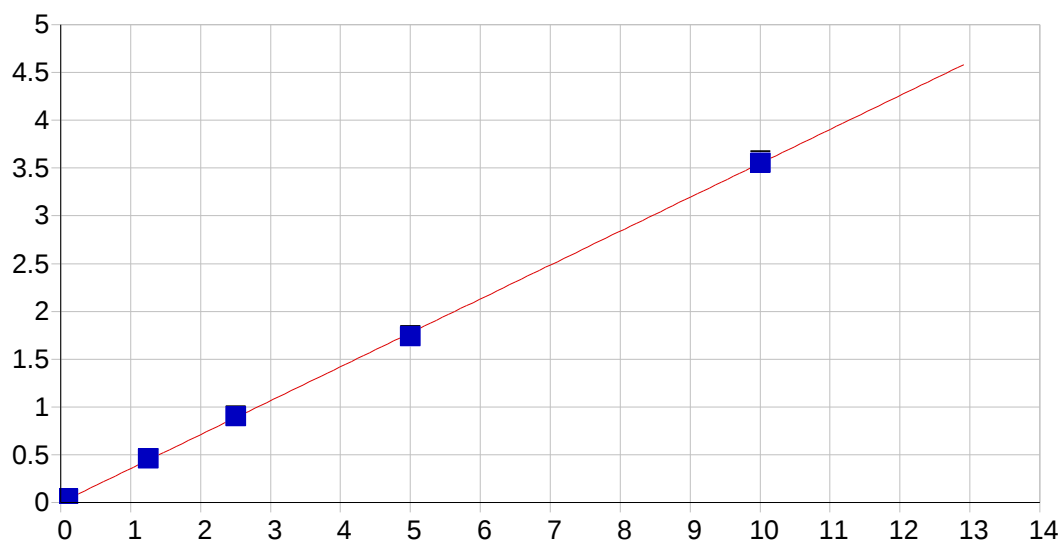


Sn 189.989 {478}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000842 Re-Slope: 1.000000  
 A1 (Gain): 0.078581 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999897 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.002846  
 Predicted MQL: 0.009488

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00084 | .000    | 1        |
| S1        | .00700       | .00816      | .001       | 16.5    | .00147 | .000    | 1        |
| S2        | 1.2500       | 1.2777      | .028       | 2.22    | .10117 | .001    | 1        |
| S3        | 2.5000       | 2.5499      | .050       | 2.00    | .20106 | .001    | 1        |
| S4        | 5.0000       | 4.8998      | -.100      | -2.00   | .38557 | .001    | 1        |
| S5        | 10.000       | 10.021      | .021       | .214    | .78772 | .002    | 1        |

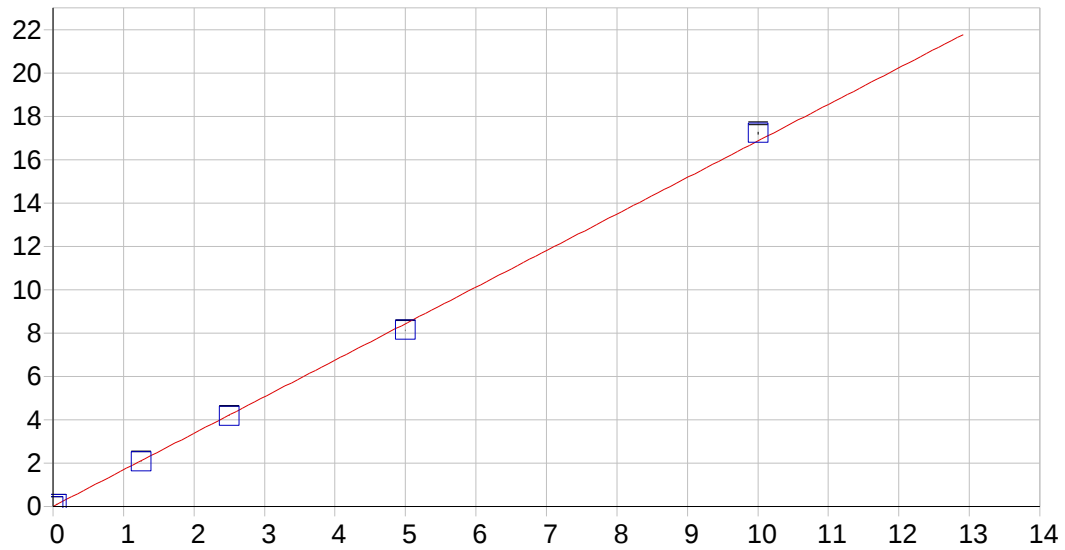


Ti 336.121 {100}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000402 Re-Slope: 1.000000  
 A1 (Gain): 0.354845 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000295  
 Predicted MDL: 0.001012  
 Predicted MQL: 0.003372

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00040 | .000    | 1        |
| S1        | .10000       | .10728      | .007       | 7.28    | .03846 | .001    | 1        |
| S2        | 1.2500       | 1.2864      | .036       | 2.91    | .45671 | .001    | 1        |
| S3        | 2.5000       | 2.5429      | .043       | 1.71    | .90242 | .002    | 1        |
| S4        | 5.0000       | 4.8939      | -.106      | -2.12   | 1.7364 | .006    | 1        |
| S5        | 10.000       | 10.020      | .020       | .196    | 3.5546 | .018    | 1        |



Li 670.784 { 50}

Date of Fit: 2/13/2017 18:46:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006220 Re-Slope: 1.000000  
 A1 (Gain): 1.685342 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999697 Status: OK.  
 Std Error of Est: 0.001558  
 Predicted MDL: 0.000754  
 Predicted MQL: 0.002512

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00622 | .001    | 1        |
| S5        | 10.000       | 10.214      | .214       | 2.14    | 17.220 | .056    | 1        |
| S4        | 5.0000       | 4.8245      | -.175      | -3.51   | 8.1372 | .011    | 1        |
| S3        | 2.5000       | 2.4750      | -.025      | -1.00   | 4.1774 | .013    | 1        |
| S2        | 1.2500       | 1.2334      | -.017      | -1.33   | 2.0849 | .006    | 1        |
| S1        | .05000       | .05304      | .003       | 6.09    | .09562 | .001    | 1        |



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



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



|              |           |              |        |            |        |
|--------------|-----------|--------------|--------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
|--------------|-----------|--------------|--------|------------|--------|

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

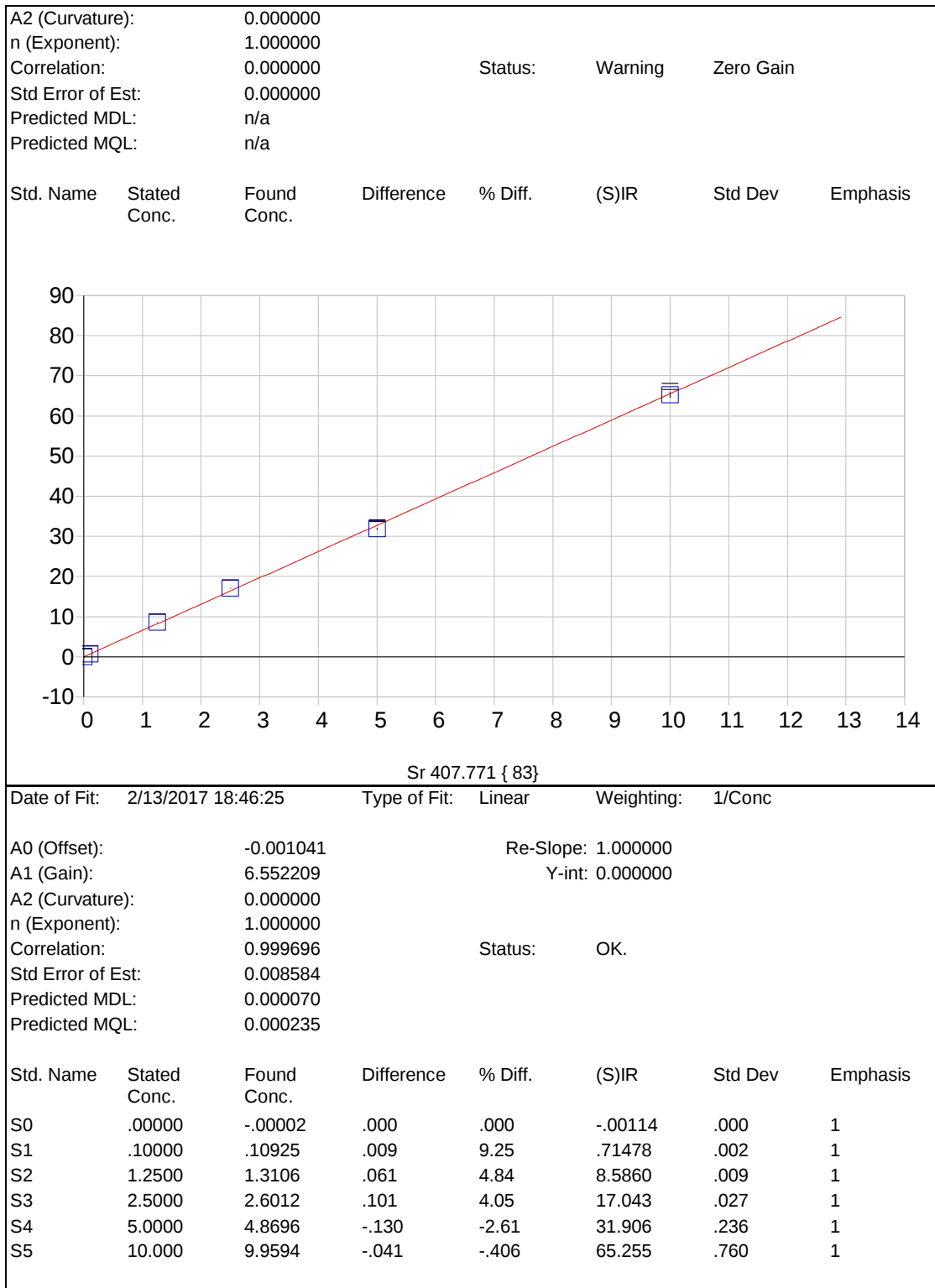


|                   |          |                           |
|-------------------|----------|---------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: 1.000000        |
| A1 (Gain):        | 0.000000 | Y-int: 0.000000           |
| A2 (Curvature):   | 0.000000 |                           |
| 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    |



Sample Name: S0      Acquired: 2/13/2017 14:29:12      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | -.00088 | -.00013 | -.00050 | .00062 | .00069 | -.00063 | -.02347 | -.00074 |
| Stddev | .00011  | .00001  | .00053  | .00031 | .00021 | .00021  | .00083  | .00016  |
| %RSD   | 12.692  | 10.219  | 105.19  | 50.235 | 30.448 | 32.920  | 3.5149  | 21.617  |

|    |         |         |         |        |        |         |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.00082 | -.00014 | -.00069 | .00095 | .00084 | -.00063 | -.02389 | -.00073 |
| #2 | -.00081 | -.00014 | -.00091 | .00033 | .00078 | -.00042 | -.02401 | -.00090 |
| #3 | -.00101 | -.00011 | .00009  | .00057 | .00045 | -.00084 | -.02252 | -.00058 |

|        |        |        |        |         |        |        |        |         |
|--------|--------|--------|--------|---------|--------|--------|--------|---------|
| 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    | .00053 | .00210 | .00004 | -.00057 | .00051 | .00014 | .00008 | -.00019 |
| Stddev | .00009 | .00030 | .00002 | .00013  | .00003 | .00021 | .00026 | .00007  |
| %RSD   | 17.811 | 14.113 | 55.360 | 23.126  | 6.0995 | 154.71 | 312.20 | 33.509  |

|    |        |        |        |         |        |         |         |         |
|----|--------|--------|--------|---------|--------|---------|---------|---------|
| #1 | .00058 | .00240 | .00002 | -.00064 | .00052 | -.00002 | .00037  | -.00025 |
| #2 | .00059 | .00181 | .00006 | -.00067 | .00054 | .00005  | -.00011 | -.00012 |
| #3 | .00042 | .00210 | .00005 | -.00042 | .00048 | .00037  | -.00001 | -.00021 |

|        |         |         |         |        |        |        |         |        |
|--------|---------|---------|---------|--------|--------|--------|---------|--------|
| 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    | -.00011 | -.00048 | -.01396 | .00018 | .01379 | .02069 | -.00045 | .00141 |
| Stddev | .00014  | .00004  | .00092  | .00017 | .01627 | .00056 | .00008  | .00016 |
| %RSD   | 137.74  | 8.5877  | 6.5858  | 97.009 | 118.03 | 2.7151 | 17.778  | 11.203 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00027 | -.00046 | -.01445 | .00025  | .02531  | .02076 | -.00036 | .00123 |
| #2 | -.00005 | -.00046 | -.01290 | .00030  | -.00483 | .02122 | -.00048 | .00153 |
| #3 | .00001  | -.00053 | -.01454 | -.00002 | .02088  | .02010 | -.00052 | .00148 |

|        |        |        |        |        |        |        |         |  |
|--------|--------|--------|--------|--------|--------|--------|---------|--|
| 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    | .00004 | .00198 | .00144 | .00084 | .00040 | .00622 | -.00114 |  |
| Stddev | .00015 | .00016 | .00010 | .00015 | .00019 | .00051 | .00038  |  |
| %RSD   | 329.17 | 8.2225 | 7.1707 | 17.393 | 48.690 | 8.1504 | 33.300  |  |

|    |         |        |        |        |        |        |         |  |
|----|---------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00008  | .00181 | .00152 | .00097 | .00054 | .00635 | -.00081 |  |
| #2 | -.00012 | .00201 | .00132 | .00088 | .00018 | .00665 | -.00155 |  |
| #3 | .00017  | .00213 | .00147 | .00068 | .00048 | .00566 | -.00106 |  |

Sample Name: S0      Acquired: 2/13/2017 14:29:12      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 37.368 | 1549.3 | 55678. | 8356.6 | 2292.2 |
| Stddev    | .532   | 3.4    | 172.   | 36.7   | 1.6    |
| %RSD      | 1.4234 | .22076 | .30955 | .43908 | .07074 |
| #1        | 37.936 | 1551.0 | 55501. | 8316.2 | 2290.4 |
| #2        | 37.285 | 1545.3 | 55686. | 8365.7 | 2293.6 |
| #3        | 36.882 | 1551.5 | 55846. | 8387.9 | 2292.7 |

Sample Name: S1      Acquired: 2/13/2017 14:33:19      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | -.00062 | .00087  | .00100 | .00257  | .00695 | .01582  | .80538  | .01121  |
| Stddev | .00021  | .00014  | .00022 | .00014  | .00005 | .00023  | .00648  | .00010  |
| %RSD   | 34.036  | 16.436  | 21.705 | 5.4818  | .78518 | 1.4740  | .80443  | .90198  |
| #1     | -.00045 | .00072  | .00075 | .00265  | .00694 | .01609  | .80925  | .01130  |
| #2     | -.00085 | .00089  | .00109 | .00266  | .00701 | .01567  | .79790  | .01122  |
| #3     | -.00054 | .00100  | .00116 | .00241  | .00690 | .01571  | .80900  | .01110  |
| 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    | .01111  | .23401  | .00155 | .02946  | .00477 | .00181  | .00346  | .03262  |
| Stddev | .00036  | .00066  | .00004 | .00021  | .00017 | .00025  | .00011  | .00007  |
| %RSD   | 3.2193  | .28095  | 2.6543 | .72905  | 3.5345 | 13.979  | 3.0830  | .20000  |
| #1     | .01083  | .23372  | .00153 | .02924  | .00494 | .00206  | .00351  | .03262  |
| #2     | .01151  | .23355  | .00160 | .02967  | .00461 | .00155  | .00334  | .03256  |
| #3     | .01099  | .23476  | .00153 | .02949  | .00475 | .00181  | .00353  | .03269  |
| 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    | .02421  | .00151  | .02493 | .00346  | .15546 | .15684  | -.00028 | .00387  |
| Stddev | .00005  | .00008  | .00061 | .00008  | .02699 | .00088  | .00008  | .00034  |
| %RSD   | .21949  | 5.6134  | 2.4522 | 2.1768  | 17.360 | .55837  | 27.961  | 8.8308  |
| #1     | .02422  | .00159  | .02555 | .00342  | .17730 | .15775  | -.00033 | .00381  |
| #2     | .02426  | .00150  | .02433 | .00341  | .12529 | .15677  | -.00033 | .00356  |
| #3     | .02415  | .00142  | .02490 | .00355  | .16380 | .15600  | -.00019 | .00424  |
| 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    | .00635  | .00431  | .02104 | .00147  | .03846 | .09562  | .71478  |         |
| Stddev | .00036  | .00015  | .00006 | .00019  | .00062 | .00097  | .00153  |         |
| %RSD   | 5.5888  | 3.5385  | .28342 | 13.173  | 1.6007 | 1.0164  | .21463  |         |
| #1     | .00671  | .00445  | .02111 | .00133  | .03778 | .09494  | .71520  |         |
| #2     | .00600  | .00435  | .02100 | .00170  | .03863 | .09673  | .71308  |         |
| #3     | .00634  | .00415  | .02100 | .00140  | .03898 | .09518  | .71605  |         |

Sample Name: S1      Acquired: 2/13/2017 14:33:19      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 35.531 | 1497.1 | 53441. | 8110.0 | 2170.5 |
| Stddev    | .588   | 11.3   | 66.    | 29.7   | 13.5   |
| %RSD      | 1.6548 | .75418 | .12280 | .36590 | .62082 |
| #1        | 35.631 | 1486.4 | 53414. | 8142.4 | 2159.0 |
| #2        | 36.062 | 1496.1 | 53516. | 8103.4 | 2167.2 |
| #3        | 34.899 | 1508.9 | 53393. | 8084.2 | 2185.3 |

Sample Name: S2      Acquired: 2/13/2017 14:37:26      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .02974 | .05253 | .92402 | .06276 | .13091 | 2.9252 | 9.9800 | .28767 |
| Stddev | .00019 | .00021 | .00389 | .00024 | .00073 | .0039  | .0259  | .00195 |
| %RSD   | .65402 | .39764 | .42135 | .38534 | .55658 | .13401 | .25964 | .67672 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02996 | .05275 | .92720 | .06298 | .13117 | 2.9297 | 10.008 | .28713 |
| #2 | .02959 | .05249 | .92520 | .06250 | .13008 | 2.9224 | 9.9563 | .28606 |
| #3 | .02966 | .05234 | .91968 | .06279 | .13147 | 2.9236 | 9.9760 | .28983 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3933 | 2.7793 | .50716 | .39031 | .59768 | .61367 | .79719 | .40472 |
| Stddev | .0040  | .0065  | .00016 | .00135 | .00216 | .00264 | .00323 | .00176 |
| %RSD   | .28466 | .23497 | .03095 | .34547 | .36149 | .43056 | .40567 | .43534 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3966 | 2.7789 | .50733 | .39129 | .59945 | .61298 | .79743 | .40395 |
| #2 | 1.3945 | 2.7730 | .50712 | .39086 | .59527 | .61144 | .79385 | .40348 |
| #3 | 1.3889 | 2.7861 | .50702 | .38877 | .59831 | .61659 | .80030 | .40674 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .38443 | .05909 | .26953 | .03905 | 9.4292 | 1.0609 | .03318 | .33827 |
| Stddev | .00177 | .00006 | .00090 | .00009 | .2987  | .0022  | .00024 | .00321 |
| %RSD   | .46031 | .10196 | .33381 | .23481 | 3.1683 | .20895 | .72352 | .95011 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .38516 | .05914 | .26872 | .03911 | 9.4169 | 1.0629 | .03330 | .33746 |
| #2 | .38572 | .05902 | .27049 | .03909 | 9.1368 | 1.0585 | .03333 | .33554 |
| #3 | .38241 | .05910 | .26937 | .03894 | 9.7339 | 1.0612 | .03290 | .34181 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .74417 | .03255 | .27610 | .10117 | .45671 | 2.0849 | 8.5860 |  |
| Stddev | .00041 | .00007 | .00177 | .00073 | .00142 | .0064  | .0094  |  |
| %RSD   | .05519 | .20030 | .64032 | .71957 | .31113 | .30645 | .10949 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .74429 | .03263 | .27593 | .10188 | .45815 | 2.0921 | 8.5960 |  |
| #2 | .74372 | .03252 | .27442 | .10120 | .45666 | 2.0824 | 8.5773 |  |
| #3 | .74451 | .03251 | .27795 | .10043 | .45531 | 2.0801 | 8.5847 |  |

Sample Name: S2      Acquired: 2/13/2017 14:37:26      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 34.822 | 1402.2 | 50485. | 7985.1 | 1865.3 |
| Stddev    | 1.041  | .9     | 253.   | 15.1   | 5.7    |
| %RSD      | 2.9897 | .06089 | .50032 | .18864 | .30709 |
| #1        | 34.865 | 1401.5 | 50436. | 7984.5 | 1863.5 |
| #2        | 35.841 | 1401.9 | 50261. | 8000.5 | 1860.7 |
| #3        | 33.760 | 1403.1 | 50759. | 7970.4 | 1871.7 |

Sample Name: S3      Acquired: 2/13/2017 14:41:20      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .05988 | .10121 | 1.8256 | .12284 | .25988 | 5.8704 | 19.948 | .57103 |
| Stddev | .00063 | .00074 | .0069  | .00064 | .00071 | .0046  | .054   | .00140 |
| %RSD   | 1.0486 | .73414 | .37880 | .52014 | .27489 | .07775 | .27220 | .24554 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05995 | .10176 | 1.8311 | .12228 | .26061 | 5.8713 | 19.931 | .57180 |
| #2 | .06047 | .10151 | 1.8278 | .12354 | .25918 | 5.8745 | 20.009 | .57189 |
| #3 | .05922 | .10037 | 1.8178 | .12271 | .25987 | 5.8655 | 19.905 | .56942 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.7659 | 5.5075 | .98823 | .77992 | 1.1874 | 1.1979 | 1.5620 | .81202 |
| Stddev | .0104  | .0030  | .00219 | .00293 | .0024  | .0025  | .0027  | .00218 |
| %RSD   | .37477 | .05492 | .22205 | .37614 | .20376 | .20741 | .17285 | .26827 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7751 | 5.5045 | .99043 | .78191 | 1.1880 | 1.1978 | 1.5589 | .80967 |
| #2 | 2.7679 | 5.5076 | .98820 | .78131 | 1.1895 | 1.2004 | 1.5638 | .81397 |
| #3 | 2.7547 | 5.5105 | .98605 | .77655 | 1.1848 | 1.1954 | 1.5634 | .81243 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .76447 | .11978 | .55572 | .07786 | 19.378 | 2.0812 | .06781 | .66404 |
| Stddev | .00183 | .00039 | .00208 | .00039 | .432   | .0057  | .00085 | .00171 |
| %RSD   | .23934 | .32529 | .37513 | .50531 | 2.2269 | .27584 | 1.2498 | .25766 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76629 | .12022 | .55333 | .07825 | 19.605 | 2.0784 | .06835 | .66587 |
| #2 | .76448 | .11948 | .55670 | .07747 | 18.880 | 2.0878 | .06825 | .66378 |
| #3 | .76263 | .11964 | .55713 | .07786 | 19.648 | 2.0774 | .06683 | .66247 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.4631 | .06445 | .53160 | .20106 | .90242 | 4.1774 | 17.043 |  |
| Stddev | .0037  | .00031 | .00067 | .00108 | .00152 | .0125  | .027   |  |
| %RSD   | .25418 | .48763 | .12611 | .53907 | .16879 | .29941 | .16000 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.4655 | .06456 | .53223 | .20231 | .90360 | 4.1713 | 17.053 |  |
| #2 | 1.4649 | .06469 | .53169 | .20053 | .90297 | 4.1918 | 17.063 |  |
| #3 | 1.4588 | .06409 | .53090 | .20034 | .90070 | 4.1690 | 17.012 |  |

Sample Name: S3      Acquired: 2/13/2017 14:41:20      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 33.062 | 1369.5 | 49362. | 7922.4 | 1773.8 |
| Stddev    | .740   | 3.6    | 119.   | 16.8   | 6.5    |
| %RSD      | 2.2395 | .26049 | .24065 | .21217 | .36834 |
| #1        | 32.912 | 1365.4 | 49383. | 7925.2 | 1767.5 |
| #2        | 33.867 | 1371.3 | 49468. | 7937.7 | 1773.4 |
| #3        | 32.409 | 1371.9 | 49234. | 7904.4 | 1780.5 |

Sample Name: S4      Acquired: 2/13/2017 14:45:13      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .11812 | .18804 | 3.4815 | .23722 | .50885 | 11.485 | 37.537 | 1.1018 |
| Stddev | .00054 | .00052 | .0083  | .00091 | .00137 | .012   | .284   | .0004  |
| %RSD   | .45690 | .27764 | .23994 | .38375 | .26992 | .10027 | .75549 | .03498 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .11775 | .18771 | 3.4879 | .23678 | .50979 | 11.493 | 37.476 | 1.1021 |
| #2 | .11874 | .18864 | 3.4846 | .23827 | .50950 | 11.472 | 37.846 | 1.1020 |
| #3 | .11788 | .18776 | 3.4720 | .23661 | .50728 | 11.491 | 37.289 | 1.1014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.2664 | 10.504 | 1.8423 | 1.5042 | 2.2738 | 2.2350 | 2.9174 | 1.5635 |
| Stddev | .0098  | .012   | .0045  | .0032  | .0015  | .0029  | .0026  | .0013  |
| %RSD   | .18593 | .11597 | .24494 | .21353 | .06769 | .12983 | .09056 | .08101 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.2765 | 10.494 | 1.8461 | 1.5077 | 2.2746 | 2.2322 | 2.9143 | 1.5624 |
| #2 | 5.2656 | 10.499 | 1.8434 | 1.5035 | 2.2748 | 2.2348 | 2.9191 | 1.5649 |
| #3 | 5.2570 | 10.517 | 1.8373 | 1.5013 | 2.2720 | 2.2380 | 2.9187 | 1.5633 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4598 | .23519 | 1.0736 | .14945 | 37.228 | 4.0825 | .13570 | 1.2315 |
| Stddev | .0025  | .00089 | .0022  | .00073 | .613   | .0137  | .00025 | .0013  |
| %RSD   | .17278 | .37886 | .20990 | .48956 | 1.6459 | .33626 | .18297 | .10206 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4621 | .23597 | 1.0711 | .15021 | 37.552 | 4.0956 | .13542 | 1.2306 |
| #2 | 1.4602 | .23537 | 1.0744 | .14875 | 36.522 | 4.0682 | .13589 | 1.2330 |
| #3 | 1.4571 | .23422 | 1.0754 | .14939 | 37.612 | 4.0838 | .13579 | 1.2311 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 2.7867 | .12634 | .99261 | .38557 | 1.7364 | 8.1372 | 31.906 |  |
| Stddev | .0051  | .00051 | .00345 | .00088 | .0061  | .0111  | .236   |  |
| %RSD   | .18146 | .40329 | .34792 | .22792 | .35127 | .13593 | .73845 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.7882 | .12665 | .98954 | .38658 | 1.7426 | 8.1452 | 31.956 |  |
| #2 | 2.7908 | .12575 | .99635 | .38506 | 1.7304 | 8.1246 | 32.112 |  |
| #3 | 2.7810 | .12662 | .99195 | .38505 | 1.7361 | 8.1418 | 31.649 |  |

Sample Name: S4      Acquired: 2/13/2017 14:45:13      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 33.197 | 1330.4 | 49119. | 8022.9 | 1686.8 |
| Stddev    | .461   | 3.5    | 88.    | 8.2    | 2.8    |
| %RSD      | 1.3877 | .25979 | .17988 | .10260 | .16660 |
| #1        | 32.952 | 1331.9 | 49050. | 8032.4 | 1685.1 |
| #2        | 33.728 | 1326.4 | 49088. | 8017.7 | 1685.3 |
| #3        | 32.910 | 1332.8 | 49218. | 8018.5 | 1690.0 |

Sample Name: S5      Acquired: 2/13/2017 14:49:23      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .25583 | .37609 | 7.0879 | .50424 | 1.0991 | 24.194 | 77.386 | 2.2599 |
| Stddev | .00120 | .00093 | .0219  | .00149 | .0028  | .093   | .598   | .0330  |
| %RSD   | .47040 | .24793 | .30833 | .29578 | .25751 | .38457 | .77320 | 1.4586 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25678 | .37710 | 7.1093 | .50556 | 1.1023 | 24.253 | 77.934 | 2.2781 |
| #2 | .25624 | .37592 | 7.0656 | .50453 | 1.0981 | 24.243 | 77.476 | 2.2797 |
| #3 | .25448 | .37526 | 7.0888 | .50262 | 1.0969 | 24.087 | 76.747 | 2.2218 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 10.651 | 21.354 | 3.6723 | 3.0740 | 4.7289 | 4.4685 | 5.8638 | 3.2283 |
| Stddev | .032   | .096   | .0110  | .0090  | .0167  | .0235  | .0293  | .0151  |
| %RSD   | .29932 | .45064 | .30065 | .29208 | .35283 | .52622 | .50040 | .46773 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.682 | 21.422 | 3.6750 | 3.0836 | 4.7360 | 4.4839 | 5.8828 | 3.2372 |
| #2 | 10.619 | 21.396 | 3.6816 | 3.0659 | 4.7409 | 4.4802 | 5.8786 | 3.2367 |
| #3 | 10.652 | 21.244 | 3.6601 | 3.0724 | 4.7098 | 4.4415 | 5.8300 | 3.2108 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.9692 | .50526 | 2.2381 | .30533 | 82.101 | 8.5185 | .29087 | 2.4163 |
| Stddev | .0103  | .00163 | .0079  | .00173 | 2.978  | .0404  | .00131 | .0200  |
| %RSD   | .34642 | .32279 | .35363 | .56518 | 3.6269 | .47439 | .44921 | .82780 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9797 | .50492 | 2.2415 | .30643 | 83.840 | 8.5558 | .29194 | 2.4285 |
| #2 | 2.9591 | .50383 | 2.2437 | .30622 | 78.663 | 8.5241 | .29125 | 2.4271 |
| #3 | 2.9689 | .50704 | 2.2291 | .30334 | 83.800 | 8.4756 | .28941 | 2.3932 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 5.7611 | .26908 | 1.9805 | .78772 | 3.5546 | 17.220 | 65.255 |  |
| Stddev | .0233  | .00171 | .0246  | .00237 | .0177  | .056   | .760   |  |
| %RSD   | .40412 | .63369 | 1.2416 | .30075 | .49914 | .32624 | 1.1644 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 5.7812 | .27088 | 1.9910 | .79039 | 3.5693 | 17.271 | 65.624 |  |
| #2 | 5.7665 | .26886 | 1.9981 | .78693 | 3.5597 | 17.230 | 65.759 |  |
| #3 | 5.7356 | .26749 | 1.9524 | .78585 | 3.5349 | 17.160 | 64.381 |  |

Sample Name: S5      Acquired: 2/13/2017 14:49:23      Type: Cal  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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       | 28.782 | 1178.4 | 45319. | 7635.9 | 1484.8 |
| Stddev    | 1.067  | 7.0    | 171.   | 50.2   | 6.9    |
| %RSD      | 3.7057 | .59485 | .37701 | .65707 | .46522 |
| #1        | 28.093 | 1171.3 | 45343. | 7602.3 | 1476.8 |
| #2        | 30.010 | 1178.4 | 45477. | 7611.8 | 1488.4 |
| #3        | 28.242 | 1185.3 | 45138. | 7693.6 | 1489.1 |

Sample Name: S6      Acquired: 2/13/2017 14:53:30      Type: Cal  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | 60.982 | 32.613 | 11.248 | 4.9852 | 5.9215 |
| Stddev | .256   | .017   | .015   | .0104  | .0055  |
| %RSD   | .41938 | .05064 | .13276 | .20796 | .09278 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 60.928 | 32.629 | 11.258 | 4.9879 | 5.9266 |
| #2 | 61.261 | 32.613 | 11.255 | 4.9940 | 5.9157 |
| #3 | 60.759 | 32.596 | 11.231 | 4.9738 | 5.9223 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 7633.3 |
| Stddev    | 16.2   |
| %RSD      | .21263 |

|    |        |
|----|--------|
| #1 | 7614.8 |
| #2 | 7640.0 |
| #3 | 7645.1 |

Sample Name: ICV      Acquired: 2/13/2017 15:06:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .9258358 | 1.058668 | .9549498 | .9597639 | .9448616 | 2.471901 |
| Stddev | .0052897 | .008976  | .0078122 | .0016818 | .0024165 | .006039  |
| %RSD   | .5713460 | .8478421 | .8180773 | .1752313 | .2557555 | .2443201 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9312372 | 1.054556 | .9583474 | .9616156 | .9435003 | 2.467990 |
| #2 | .9256048 | 1.068963 | .9604879 | .9583314 | .9476517 | 2.468857 |
| #3 | .9206654 | 1.052484 | .9460141 | .9593446 | .9434328 | 2.478857 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4997960 | .5008387 | .4621512 | 10.11588 | .5220332 | .4640919 |
| Stddev | .0014413 | .0027373 | .0022026 | .03609   | .0009543 | .0025112 |
| %RSD   | .2883697 | .5465494 | .4765953 | .3567389 | .1828131 | .5410973 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5008969 | .5025564 | .4638987 | 10.07435 | .5221558 | .4663210 |
| #2 | .5003264 | .4976820 | .4628777 | 10.13959 | .5229203 | .4645836 |
| #3 | .4981647 | .5022777 | .4596771 | 10.13370 | .5210235 | .4613713 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5076880 | 5.386018 | .5223975 | 5.738640 | .4749118 | .4637335 |
| Stddev | .0013846 | .019960  | .0012300 | .019879  | .0014863 | .0019599 |
| %RSD   | .2727167 | .3705907 | .2354587 | .3464146 | .3129726 | .4226358 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5066742 | 5.397766 | .5238094 | 5.739127 | .4757665 | .4650476 |
| #2 | .5092655 | 5.397316 | .5215581 | 5.718522 | .4757734 | .4646722 |
| #3 | .5071244 | 5.362971 | .5218249 | 5.758272 | .4731955 | .4614808 |

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | 9.608251 | .5335911 | F .9089989 | 9.328238 | F -.002256 | F .0037732 |
| Stddev | .033644  | .0012880 | .0170877   | .077429  | .004857    | .0009631   |
| %RSD   | .3501564 | .2413755 | 1.879842   | .8300518 | 215.3206   | 25.52581   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.576057 | .5326905 | .9022344 | 9.397479 | -.007863 | .0041340 |
| #2 | 9.605519 | .5330165 | .9284333 | 9.342602 | .000494  | .0045039 |
| #3 | 9.643178 | .5350664 | .8963290 | 9.244632 | .000603  | .0026818 |

Sample Name: ICV      Acquired: 2/13/2017 15:06:55      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | <span style="color: red;">F</span> -.000715 | .0019324 | .0006963 | <span style="color: red;">F</span> .0010649 | .0003034 | .0004195 |
| Stddev | .000067                                     | .0069447 | .0009972 | .0017642                                    | .0004508 | .0002645 |
| %RSD   | 9.384334                                    | 359.3908 | 143.2211 | 165.6636                                    | 148.5878 | 63.04978 |
|        |                                             |          |          |                                             |          |          |
| #1     | -.000790                                    | .0090891 | .0002848 | .0007132                                    | .0008018 | .0005454 |
| #2     | -.000662                                    | .0014869 | -.000029 | -.000497                                    | .0001841 | .0005976 |
| #3     | -.000693                                    | -.004779 | .001833  | .002978                                     | -.000076 | .0001156 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .0116900 |
| Stddev | .0001562 |
| %RSD   | 1.335982 |
|        |          |
| #1     | .0117783 |
| #2     | .0117821 |
| #3     | .0115097 |

| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.79846 | 1480.881 | 54152.35 | 8225.994 | 2161.758 |
| Stddev    | 1.22954  | 5.204    | 194.22   | 10.710   | 9.106    |
| %RSD      | 3.341290 | .3513907 | .3586509 | .1301951 | .4212132 |
|           |          |          |          |          |          |
| #1        | 38.14218 | 1480.420 | 54051.94 | 8214.015 | 2157.544 |
| #2        | 35.72962 | 1475.923 | 54028.90 | 8229.325 | 2155.523 |
| #3        | 36.52357 | 1486.300 | 54376.22 | 8234.643 | 2172.208 |

Sample Name: ICB      Acquired: 2/13/2017 15:23:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.008121 | -.001395 | .0028354 | .0010799 | -.002572 | .0015086 | -.001572 |
| Stddev | .007321  | .004746  | .0023254 | .0013228 | .001643  | .0058536 | .000095  |
| %RSD   | 90.15385 | 340.3390 | 82.01296 | 122.4924 | 63.89479 | 388.0275 | 6.034791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008657 | .002758  | .0014762 | -.000161 | -.004431 | .0079096 | -.001470 |
| #2 | -.000546 | -.000374 | .0015095 | .002472  | -.001312 | .0001881 | -.001591 |
| #3 | -.015159 | -.006568 | .0055205 | .000929  | -.001973 | -.003572 | -.001657 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000319 | .0000539 | -.014120 | -.000290 | -.000251 | .0010062 | -.008292 |
| Stddev | .0000311 | .0000379 | .007086  | .000319  | .000372  | .0012944 | .004126  |
| %RSD   | 97.22523 | 70.29292 | 50.18289 | 109.7548 | 147.8678 | 128.6346 | 49.75868 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000161 | .0000639 | -.007512 | -.000658 | -.000471 | .0006898 | -.003588 |
| #2 | .0000120 | .0000120 | -.021602 | -.000128 | -.000462 | -.000101 | -.009991 |
| #3 | .0000677 | .0000859 | -.013244 | -.000086 | .000178  | .002429  | -.011298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001021 | -.012216 | -.000393 | -.000366 | -.039509 | -.002478 | .0020352 |
| Stddev | .0005648 | .015656  | .000140  | .000208  | .100680  | .002265  | .0053086 |
| %RSD   | 553.3951 | 128.1539 | 35.75720 | 56.82237 | 254.8276 | 91.41351 | 260.8428 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006690 | -.004495 | -.000528 | -.000484 | -.024630 | -.002975 | .0075653 |
| #2 | -.000461 | -.001921 | -.000403 | -.000489 | .052904  | -.000006 | -.003020 |
| #3 | .000098  | -.030233 | -.000247 | -.000126 | -.146800 | -.004454 | .001560  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.709634 | .0044478 | .0004267 | -.000312 | -.026724 | -.005929 | -.000686 |
| Stddev | .025682  | .0051119 | .0003129 | .000195  | .006188  | .000188  | .002021  |
| %RSD   | 3.619017 | 114.9324 | 73.34302 | 62.58507 | 23.15471 | 3.174110 | 294.5198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.714533 | .0099148 | .0007284 | -.000115 | -.027556 | -.005949 | .001437  |
| #2 | -.681855 | .0036416 | .0004479 | -.000315 | -.020162 | -.005731 | -.000910 |
| #3 | -.732513 | -.000213 | .0001037 | -.000505 | -.032454 | -.006105 | -.002586 |

Sample Name: ICB      Acquired: 2/13/2017 15:23:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000800 | -.001387 | -.000066 |
| Stddev | .000958  | .000657  | .000031  |
| %RSD   | 119.6668 | 47.38643 | 46.55181 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001264 | -.001308 | -.000031 |
| #2 | -.001438 | -.002081 | -.000077 |
| #3 | .000301  | -.000773 | -.000090 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.92750 | 1473.887 | 54606.19 | 8044.425 | 2254.702 |
| Stddev    | 1.40214  | .884     | 180.41   | 23.005   | 6.133    |
| %RSD      | 3.902705 | .0599937 | .3303749 | .2859716 | .2720263 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.33500 | 1473.077 | 54579.79 | 8018.675 | 2248.583 |
| #2 | 36.97667 | 1474.830 | 54798.34 | 8051.650 | 2254.674 |
| #3 | 36.47083 | 1473.753 | 54440.44 | 8062.950 | 2260.850 |

Sample Name: ICSA      Acquired: 2/13/2017 15:27:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002793 | -.012139 | .0015849 | .0096265 | .0028567 | 257.6948 |
| Stddev | .010670  | .004798  | .0038720 | .0017214 | .0039986 | .5336    |
| %RSD   | 381.9767 | 39.52325 | 244.3018 | 17.88188 | 139.9742 | .2070681 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002143 | -.014955 | .0025054 | .0082907 | -.001698 | 257.4834 |
| #2 | .007537  | -.014864 | .0049138 | .0090197 | .005789  | 258.3017 |
| #3 | -.013774 | -.006600 | -.002664 | .0115692 | .004479  | 257.2993 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065861 | .0014217 | .0026413 | 248.7464 | .0489173 | -.001157 |
| Stddev | .0004354 | .0000462 | .0001712 | .2161    | .0001232 | .001093  |
| %RSD   | 6.610793 | 3.252682 | 6.481789 | .0868559 | .2519497 | 94.42823 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0066691 | .0014560 | .0024494 | 248.4996 | .0487815 | -.002385 |
| #2 | .0069740 | .0013691 | .0027783 | 248.9011 | .0490221 | -.000291 |
| #3 | .0061152 | .0014401 | .0026961 | 248.8386 | .0489483 | -.000796 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201564 | 104.5524 | .0120486 | 257.6854 | .0012406 | -.005377 |
| Stddev | .0006166 | .2537    | .0011671 | .4052    | .0005721 | .000204  |
| %RSD   | 3.059260 | .2426260 | 9.686806 | .1572639 | 46.11136 | 3.786730 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0201748 | 104.8392 | .0109690 | 258.1293 | .0008130 | -.005268 |
| #2 | .0207637 | 104.3576 | .0118898 | 257.5917 | .0010183 | -.005612 |
| #3 | .0195308 | 104.4604 | .0132870 | 257.3352 | .0018905 | -.005251 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0034025 | .0006966 | .0163170 | .1325174 | -.010344 | F .0354470 |
| Stddev | .1007790 | .0055707 | .0026117 | .0523939 | .007127  | .0003553   |
| %RSD   | 2961.910 | 799.7032 | 16.00609 | 39.53741 | 68.90244 | 1.002339   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.104341 | -.005671 | .0187806 | .1554993 | -.002387 | .0352543 |
| #2 | .095351  | .004668  | .0165916 | .0725599 | -.012502 | .0352296 |
| #3 | .019198  | .003093  | .0135789 | .1694928 | -.016142 | .0358570 |

Sample Name: ICSA      Acquired: 2/13/2017 15:27:54      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | -.000660 | .0015379 | -.001943 | -.000384 | -.001814 | .0048161 |
| Stddev | .001063  | .0049944 | .000111  | .001231  | .000696  | .0002777 |
| %RSD   | 161.0094 | 324.7547 | 5.691058 | 320.9002 | 38.34702 | 5.766646 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001818 | -.001841 | -.001971 | .000858  | -.002555 | .0050613 |
| #2 | -.000436 | -.000820 | -.002037 | -.000406 | -.001175 | .0045145 |
| #3 | .000273  | .007275  | -.001821 | -.001604 | -.001712 | .0048725 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1055065 |
| Stddev | .0000983 |
| %RSD   | .0931432 |

|    |          |
|----|----------|
| #1 | .1055656 |
| #2 | .1055608 |
| #3 | .1053930 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 33.36558 | 1366.236 | 49555.76 | 7954.272 | 1774.697 |
| Stddev    | .75840   | 7.480    | 190.09   | 38.237   | 6.667    |
| %RSD      | 2.272989 | .5475155 | .3835820 | .4807102 | .3756596 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 32.53766 | 1357.980 | 49342.09 | 7913.467 | 1767.015 |
| #2 | 34.02667 | 1368.163 | 49619.09 | 7960.069 | 1778.108 |
| #3 | 33.53242 | 1372.563 | 49706.09 | 7989.279 | 1778.969 |

Sample Name: ICSAB      Acquired: 2/13/2017 15:31:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0832901 | .1002725 | .0505176 | .0501118 | .5898520 | 256.6071 |
| Stddev | .0052905 | .0016328 | .0014812 | .0066721 | .0052662 | 1.6222   |
| %RSD   | 6.351955 | 1.628334 | 2.931987 | 13.31451 | .8927948 | .6321631 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0889594 | .0983887 | .0520758 | .0572350 | .5959235 | 257.6072 |
| #2 | .0824260 | .1012803 | .0503492 | .0440081 | .5871082 | 254.7355 |
| #3 | .0784847 | .1011485 | .0491278 | .0490922 | .5865242 | 257.4787 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5156061 | .5234002 | .9977848 | 247.2395 | .5734638 | .4930176 |
| Stddev | .0043691 | .0054964 | .0014913 | 1.7069   | .0018541 | .0008976 |
| %RSD   | .8473812 | 1.050130 | .1494610 | .6903960 | .3233219 | .1820556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5195766 | .5253132 | .9993327 | 248.1608 | .5753572 | .4939884 |
| #2 | .5109253 | .5172029 | .9963574 | 245.2699 | .5733826 | .4928465 |
| #3 | .5163163 | .5276844 | .9976643 | 248.2879 | .5716516 | .4922179 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5276736 | 103.6336 | .5292429 | 255.5082 | .9886026 | .1909836 |
| Stddev | .0035742 | .5694    | .0039855 | 2.1774   | .0019894 | .0009690 |
| %RSD   | .6773444 | .5494480 | .7530498 | .8522017 | .2012371 | .5073526 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5299044 | 104.0412 | .5322048 | 256.5753 | .9907142 | .1915116 |
| #2 | .5235512 | 102.9830 | .5247117 | 253.0030 | .9883302 | .1915739 |
| #3 | .5295653 | 103.8765 | .5308123 | 256.9462 | .9867634 | .1898654 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.068127 | .5271921 | 1.020520 | .0046343 | -.017642 | F .4820836 |
| Stddev | .152123  | .0071345 | .019639  | .0200299 | .005561  | .0076263   |
| %RSD   | 223.2936 | 1.353301 | 1.924379 | 432.2111 | 31.52170 | 1.581953   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.083353 | .5340234 | 1.042316 | -.004272 | -.022125 | .4813987 |
| #2 | -.212065 | .5197888 | 1.015040 | -.009398 | -.019381 | .4748228 |
| #3 | .091037  | .5277641 | 1.004203 | .027573  | -.011419 | .4900293 |

Sample Name: ICSAB      Acquired: 2/13/2017 15:31:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | F .4657096 | .0011853 | .4178990 | F .4607505 | .4651037 | .0035152 |
| Stddev | .0017636   | .0056156 | .0058563 | .0037871   | .0026175 | .0004314 |
| %RSD   | .3786899   | 473.7603 | 1.401378 | .8219368   | .5627824 | 12.27349 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4659860 | -.004475 | .4180613 | .4633620 | .4634530 | .0030201 |
| #2 | .4638241 | .006755  | .4119632 | .4624823 | .4637364 | .0038105 |
| #3 | .4673186 | .001275  | .4236725 | .4564071 | .4681217 | .0037150 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5635157 |
| Stddev | .0041954 |
| %RSD   | .7445050 |

|    |          |
|----|----------|
| #1 | .5642677 |
| #2 | .5589951 |
| #3 | .5672842 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 34.23314 | 1354.228 | 49507.93 | 7969.824 | 1756.866 |
| Stddev    | .51034   | 7.738    | 284.55   | 79.205   | 6.310    |
| %RSD      | 1.490788 | .5714301 | .5747591 | .9938054 | .3591877 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 33.65832 | 1345.770 | 49247.15 | 7934.545 | 1751.528 |
| #2 | 34.40812 | 1355.960 | 49465.20 | 8060.538 | 1755.239 |
| #3 | 34.63297 | 1360.953 | 49811.43 | 7914.388 | 1763.831 |

Sample Name: CCV067      Acquired: 2/13/2017 15:35:58      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.371065 | 5.001767 | 25.50608 | 5.189888 | 5.236729 | 427.0330 | 10.40199 |
| Stddev | .013300  | .014164  | .04953   | .019824  | .011876  | .3930    | .09941   |
| %RSD   | .2476211 | .2831833 | .1942020 | .3819668 | .2267922 | .0920292 | .9556706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.384848 | 5.002764 | 25.49858 | 5.207753 | 5.248159 | 426.7041 | 10.31086 |
| #2 | 5.358308 | 4.987131 | 25.46073 | 5.168562 | 5.224452 | 427.4682 | 10.38710 |
| #3 | 5.370040 | 5.015407 | 25.55894 | 5.193350 | 5.237577 | 426.9268 | 10.50800 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5309418 | 2.582813 | 419.3793 | 16.06892 | 2.579011 | 15.91029 | 418.4859 |
| Stddev | .0008733 | .006896  | .5847    | .01703   | .004800  | .02263   | .9588    |
| %RSD   | .1644908 | .2670028 | .1394284 | .1059651 | .1861177 | .1422265 | .2291194 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5303158 | 2.586810 | 418.7166 | 16.04934 | 2.581447 | 15.88814 | 417.3874 |
| #2 | .5305701 | 2.574850 | 419.8227 | 16.08022 | 2.573481 | 15.93337 | 419.1549 |
| #3 | .5319395 | 2.586779 | 419.5984 | 16.07720 | 2.582104 | 15.90936 | 418.9154 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.32365 | 416.2994 | 2.575659 | 1.308814 | 413.8921 | 2.632981 | 15.19752 |
| Stddev | .03113   | .6267    | .003456  | .003422  | 1.2259   | .006274  | .06666   |
| %RSD   | .2031204 | .1505345 | .1341761 | .2614382 | .2961892 | .2382778 | .4386423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.29096 | 415.6538 | 2.575653 | 1.305998 | 412.4839 | 2.631991 | 15.27141 |
| #2 | 15.32705 | 416.3390 | 2.572206 | 1.312623 | 414.7207 | 2.639691 | 15.14187 |
| #3 | 15.35294 | 416.9053 | 2.579117 | 1.307823 | 414.4718 | 2.627262 | 15.17929 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.4252 | 5.328114 | 5.075654 | 5.180121 | 5.251845 | 5.144572 | 5.146184 |
| Stddev | .4471    | .015349  | .010390  | .011519  | .021957  | .012055  | .013866  |
| %RSD   | .2804242 | .2880794 | .2046940 | .2223650 | .4180794 | .2343257 | .2694378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 159.3659 | 5.339937 | 5.069483 | 5.187093 | 5.234707 | 5.141003 | 5.145313 |
| #2 | 159.8990 | 5.310767 | 5.087649 | 5.166825 | 5.244233 | 5.158008 | 5.132774 |
| #3 | 159.0108 | 5.333637 | 5.069828 | 5.186445 | 5.276595 | 5.134704 | 5.160465 |

Sample Name: CCV067      Acquired: 2/13/2017 15:35:58      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.233999 | 5.323293 | 5.264405 |
| Stddev | .014767  | .002731  | .021440  |
| %RSD   | .2821424 | .0513026 | .4072601 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.222493 | 5.320463 | 5.243987 |
| #2 | 5.250651 | 5.325913 | 5.262490 |
| #3 | 5.228854 | 5.323501 | 5.286739 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.96408 | 1207.772 | 45689.99 | 7623.522 | 1514.293 |
| Stddev    | .23178   | 1.702    | 17.54    | 5.309    | 1.513    |
| %RSD      | .7485462 | .1408907 | .0383847 | .0696362 | .0998875 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.86864 | 1207.056 | 45682.53 | 7624.500 | 1515.399 |
| #2 | 31.22834 | 1209.715 | 45710.02 | 7628.274 | 1514.910 |
| #3 | 30.79526 | 1206.545 | 45677.41 | 7617.792 | 1512.569 |

Sample Name: CCB067      Acquired: 2/13/2017 15:40:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011129 | .0005375 | .0012393 | .0071519 | .0008659 | .0068087 | -.001947 |
| Stddev | .0045503 | .0056485 | .0022842 | .0050458 | .0024992 | .0034737 | .000237  |
| %RSD   | 408.8508 | 1050.868 | 184.3114 | 70.55147 | 288.6235 | 51.01884 | 12.19232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0058581 | -.003292 | .0031921 | .0032065 | .0027041 | .0030674 | -.002133 |
| #2 | -.003214 | -.002120 | -.001272 | .0054118 | -.001980 | .0099318 | -.002028 |
| #3 | .000694  | .007025  | .001798  | .0128375 | .001873  | .0074270 | -.001680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001162 | .0000560 | -.011376 | -.000069 | -.000014 | .0008190 | -.005065 |
| Stddev | .0000526 | .0000444 | .008124  | .000091  | .000172  | .0018574 | .012027  |
| %RSD   | 45.29526 | 79.17916 | 71.41848 | 131.7257 | 1240.655 | 226.7735 | 237.4794 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001265 | .0001001 | -.016421 | .000018  | .000157  | -.001049 | -.000697 |
| #2 | .0001629 | .0000114 | -.015702 | -.000165 | -.000013 | .002665  | .004169  |
| #3 | .0000592 | .0000566 | -.002004 | -.000061 | -.000186 | .000841  | -.018665 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001501 | .0032095 | -.000217 | .0000214 | -.085060 | .0002306 | .0015042 |
| Stddev | .0003924 | .0402906 | .000424  | .0000935 | .100936  | .0012055 | .0067313 |
| %RSD   | 261.4263 | 1255.362 | 195.2024 | 437.7006 | 118.6649 | 522.7089 | 447.5000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000233 | -.025882 | .000106  | .0000294 | -.133626 | -.000214 | .0086636 |
| #2 | .000551  | .049197  | -.000697 | -.000076 | .030979  | .001595  | .0005452 |
| #3 | .000133  | -.013687 | -.000060 | .000111  | -.152532 | -.000689 | -.004696 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.087108 | .0001293 | .0043545 | .0003490 | .0076818 | -.001576 | .0020567 |
| Stddev | .020418  | .0046209 | .0007661 | .0003898 | .0033900 | .001533  | .0007042 |
| %RSD   | 23.44008 | 3573.643 | 17.59386 | 111.6954 | 44.13061 | 97.30595 | 34.23972 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.107056 | .0053724 | .0035825 | .0002200 | .0057301 | -.001453 | .0013388 |
| #2 | -.088017 | -.003349 | .0043665 | .0007869 | .0057190 | -.003166 | .0027463 |
| #3 | -.066250 | -.001635 | .0051146 | .0000400 | .0115963 | -.000107 | .0020849 |

Sample Name: CCB067      Acquired: 2/13/2017 15:40:06      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002935 | .0009977 | -.000035 |
| Stddev | .0008768 | .0001218 | .000049  |
| %RSD   | 298.7116 | 12.21215 | 141.6495 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0012771 | .0010544 | .000016  |
| #2 | -.000406 | .0010809 | -.000081 |
| #3 | .000010  | .0008578 | -.000039 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.81722 | 1479.760 | 54675.11 | 8142.617 | 2251.350 |
| Stddev    | .24898   | 5.114    | 62.20    | 10.500   | 7.512    |
| %RSD      | .6762567 | .3455711 | .1137597 | .1289498 | .3336849 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 36.60583 | 1474.567 | 54650.47 | 8130.800 | 2242.803 |
| #2 | 37.09167 | 1484.790 | 54629.01 | 8150.875 | 2256.909 |
| #3 | 36.75417 | 1479.923 | 54745.85 | 8146.175 | 2254.338 |

Sample Name: PB96857BL      Acquired: 2/13/2017 15:44:16      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | -.007443 | -.000079 | .0017385 | .0027766 | .0011429 | .0019637 | -.001735 |
| Stddev | .005745  | .001940  | .0011517 | .0058885 | .0018381 | .0075717 | .000104  |
| %RSD   | 77.18940 | 2462.819 | 66.24858 | 212.0783 | 160.8264 | 385.5735 | 5.974947 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001178 | .000989  | .0028750 | -.000032 | .0032645 | .0074438 | -.001680 |
| #2 | -.008686 | .001092  | .0005721 | .009544  | .0000301 | -.006676 | -.001670 |
| #3 | -.012466 | -.002318 | .0017684 | -.001181 | .0001342 | .005123  | -.001854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000040 | .0000697 | -.007223 | -.000190 | .0000077 | .0011487 | .0094654 |
| Stddev | .000065  | .0000374 | .008164  | .000232  | .0003394 | .0007798 | .0068330 |
| %RSD   | 163.0344 | 53.63667 | 113.0247 | 122.1463 | 4391.244 | 67.88787 | 72.18920 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000031  | .0000705 | -.003702 | -.000085 | -.000040 | .0017320 | .0038764 |
| #2 | -.000097 | .0001067 | -.001410 | -.000456 | -.000305 | .0014512 | .0074368 |
| #3 | -.000055 | .0000319 | -.016557 | -.000029 | .000368  | .0002629 | .0170829 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000245 | -.012410 | .0001239 | -.000167 | -.045250 | -.000541 | -.004003 |
| Stddev | .000821  | .013957  | .0006376 | .000322  | .033171  | .002163  | .012268  |
| %RSD   | 335.6306 | 112.4663 | 514.6502 | 192.0193 | 73.30583 | 400.0927 | 306.4466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000436  | .001287  | .0003524 | -.000023 | -.069271 | -.003006 | -.015848 |
| #2 | -.000013 | -.026613 | -.000596 | -.000536 | -.007402 | .001037  | -.004810 |
| #3 | -.001156 | -.011903 | .000616  | .000057  | -.059078 | .000348  | .008648  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.076437 | .0045653 | .0013013 | .0000551 | .0072131 | -.001692 | .0006065 |
| Stddev | .012015  | .0062024 | .0001346 | .0001571 | .0037132 | .000796  | .0021734 |
| %RSD   | 15.71844 | 135.8588 | 10.34246 | 285.3948 | 51.47765 | 47.04666 | 358.3606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.071198 | .0004673 | .0011850 | .0002245 | .0114265 | -.002137 | .0030582 |
| #2 | -.067932 | .0117011 | .0014487 | -.000086 | .0044184 | -.002166 | -.001084 |
| #3 | -.090182 | .0015277 | .0012702 | .000026  | .0057945 | -.000773 | -.000155 |

Sample Name: PB96857BL      Acquired: 2/13/2017 15:44:16      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0004795 | .0002984 | -.000080 |
| Stddev | .0003219 | .0003193 | .000020  |
| %RSD   | 67.13460 | 107.0034 | 24.61756 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008192 | .0005335 | -.000079 |
| #2 | .0004405 | -.000065 | -.000061 |
| #3 | .0001789 | .000427  | -.000100 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.64333 | 1471.191 | 54130.69 | 8003.975 | 2232.380 |
| Stddev    | 1.22965  | 3.793    | 154.68   | 19.701   | 7.127    |
| %RSD      | 3.449867 | .2578390 | .2857546 | .2461459 | .3192680 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 34.35667 | 1468.830 | 53954.34 | 7981.625 | 2224.517 |
| #2 | 36.80667 | 1469.177 | 54194.34 | 8018.825 | 2234.208 |
| #3 | 35.76667 | 1475.567 | 54243.40 | 8011.475 | 2238.415 |

Sample Name: PB96858BL      Acquired: 2/13/2017 15:52:31      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | -.000810 | -.001006 | .0019123 | .0024615 | -.000413 | .0004415 | -.001939 |
| Stddev | .005456  | .001221  | .0024588 | .0064202 | .002613  | .0010875 | .000069  |
| %RSD   | 673.8663 | 121.4254 | 128.5773 | 260.8312 | 632.6215 | 246.3023 | 3.584188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002985  | -.000272 | -.000858 | .0097619 | .000605  | .0003359 | -.001859 |
| #2 | -.007062 | -.002415 | .003836  | -.000072 | -.003382 | .0015780 | -.001969 |
| #3 | .001648  | -.000330 | .002758  | -.002305 | .001537  | -.000589 | -.001987 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000008 | -.000005 | -.013075 | .0001370 | -.000285 | .0008289 | -.012437 |
| Stddev | .000025  | .000091  | .009643  | .0004353 | .000113  | .0011980 | .008226  |
| %RSD   | 320.1284 | 1739.593 | 73.75214 | 317.8164 | 39.60440 | 144.5258 | 66.14518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000002  | .000076  | -.010309 | .0004074 | -.000414 | .0015284 | -.021803 |
| #2 | -.000037 | -.000104 | -.005117 | .0003688 | -.000204 | -.000554 | -.009128 |
| #3 | .000011  | .000013  | -.023798 | -.000365 | -.000237 | .001513  | -.006380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000131 | -.007343 | -.000310 | -.000121 | .0343276 | -.001477 | -.002902 |
| Stddev | .000692  | .014958  | .000406  | .000629  | .0706375 | .002578  | .012143  |
| %RSD   | 529.9692 | 203.7145 | 130.9304 | 519.8695 | 205.7746 | 174.5763 | 418.4184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000514 | .004385  | -.000760 | -.000359 | -.023103 | .001461  | .010287  |
| #2 | .000668  | -.024188 | -.000201 | -.000596 | .012884  | -.003364 | -.005373 |
| #3 | -.000546 | -.002225 | .000030  | .000592  | .113202  | -.002528 | -.013620 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.103153 | .0057743 | -.000042 | -.000076 | .0055712 | .0236664 | .0003323 |
| Stddev | .021448  | .0035215 | .001416  | .000035  | .0064770 | .0436435 | .0006935 |
| %RSD   | 20.79216 | 60.98526 | 3387.865 | 46.10625 | 116.2583 | 184.4114 | 208.6686 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.117608 | .0062118 | .001594  | -.000115 | .0130024 | -.000887 | -.000186 |
| #2 | -.113341 | .0090566 | -.000844 | -.000050 | .0025861 | .074056  | .001120  |
| #3 | -.078510 | .0020545 | -.000875 | -.000061 | .0011250 | -.002170 | .000062  |

Sample Name: PB96858BL      Acquired: 2/13/2017 15:52:31      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0006592 | .0002195 | -.000088 |
| Stddev | .0009650 | .0000485 | .000025  |
| %RSD   | 146.3881 | 22.10088 | 28.42715 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002752 | .0002755 | -.000072 |
| #2 | .0017572 | .0001895 | -.000075 |
| #3 | -.000055 | .0001935 | -.000117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 37.13528 | 1488.736 | 55338.51 | 8206.417 | 2271.771 |
| Stddev    | .21978   | 2.612    | 178.91   | 36.011   | 4.821    |
| %RSD      | .5918262 | .1754514 | .3232958 | .4388172 | .2122240 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 37.30667 | 1490.813 | 55312.53 | 8209.075 | 2277.225 |
| #2 | 36.88750 | 1489.590 | 55174.02 | 8169.150 | 2270.011 |
| #3 | 37.21167 | 1485.803 | 55528.99 | 8241.025 | 2268.077 |

Sample Name: I1673-10      Acquired: 2/13/2017 15:56:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2713324 | -.009668 | 14.35271 | .0039889 | .0130208 | 128.0916 |
| Stddev | .0213896 | .011542  | .03992   | .0009341 | .0026754 | .6935    |
| %RSD   | 7.883157 | 119.3869 | .2781204 | 23.41688 | 20.54666 | .5413904 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2508542 | -.022193 | 14.35807 | .0049388 | .0116414 | 128.8600 |
| #2 | .2935296 | .000539  | 14.31038 | .0039566 | .0161044 | 127.9024 |
| #3 | .2696134 | -.007350 | 14.38968 | .0030714 | .0113168 | 127.5123 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 30.09002 | .0139896 | .0195794 | F 872.6868 | .1644688 | .1454057 |
| Stddev | .12329     | .0001996 | .0002497 | 1.8375     | .0006205 | .0008479 |
| %RSD   | .4097484   | 1.426553 | 1.275241 | .2105605   | .3772668 | .5831097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 30.22754 | .0137598 | .0193221 | 871.9247 | .1637676 | .1458511 |
| #2 | 30.05315 | .0140899 | .0195953 | 871.3530 | .1646919 | .1444280 |
| #3 | 29.98937 | .0141191 | .0198207 | 874.7828 | .1649469 | .1459381 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3444773 | 253.5778 | 11.22512 | 531.6394 | .2369709 | -.014848 |
| Stddev | .0018462 | .9216    | .03979   | 1.8057   | .0005598 | .000265  |
| %RSD   | .5359535 | .3634331 | .3544664 | .3396495 | .2362375 | 1.785777 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3453904 | 254.6094 | 11.26974 | 533.6776 | .2373887 | -.014825 |
| #2 | .3456891 | 252.8358 | 11.19333 | 530.2397 | .2363349 | -.014595 |
| #3 | .3423524 | 253.2882 | 11.21230 | 531.0009 | .2371892 | -.015124 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.451889 | .6706281 | 4.617245 | 10.85753 | 5.156095 | .1041418 |
| Stddev | .008573  | .0076892 | .050020  | .07337   | .023542  | .0012042 |
| %RSD   | .3496408 | 1.146566 | 1.083333 | .6757451 | .4565774 | 1.156348 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.451416 | .6792375 | 4.612451 | 10.94200 | 5.144851 | .1051258 |
| #2 | 2.460688 | .6682033 | 4.569795 | 10.82086 | 5.140284 | .1027989 |
| #3 | 2.443562 | .6644437 | 4.669490 | 10.80972 | 5.183150 | .1045008 |

Sample Name: I1673-10      Acquired: 2/13/2017 15:56:42      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038534 | 11.47790 | 2.369885 | .0138652 | .5543376 | .0793010 |
| Stddev | .0001164 | .10426   | .012620  | .0036629 | .0030328 | .0004710 |
| %RSD   | 3.019832 | .9083784 | .5325034 | 26.41797 | .5470978 | .5939780 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0038759 | 11.45895 | 2.384350 | .0180686 | .5578055 | .0798433 |
| #2 | .0037275 | 11.38442 | 2.364179 | .0121701 | .5521821 | .0790667 |
| #3 | .0039569 | 11.59034 | 2.361127 | .0113569 | .5530250 | .0789931 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5210402 |
| Stddev | .0018535 |
| %RSD   | .3557326 |

|    |          |
|----|----------|
| #1 | .5231591 |
| #2 | .5202417 |
| #3 | .5197197 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.40662 | 1510.085 | 56723.94 | 9572.571 | 1540.947 |
| Stddev    | .42553   | 4.496    | 77.21    | 40.377   | 4.331    |
| %RSD      | 1.079832 | .2977052 | .1361123 | .4217973 | .2810523 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 39.39296 | 1507.817 | 56652.12 | 9527.958 | 1539.971 |
| #2 | 39.83882 | 1515.263 | 56805.59 | 9606.605 | 1545.682 |
| #3 | 38.98810 | 1507.175 | 56714.12 | 9583.150 | 1537.187 |

Sample Name: I1673-11      Acquired: 2/13/2017 16:01:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2720752 | -.000287 | 14.43316 | .0018464 | .0190822 | 129.1472 |
| Stddev | .0094783 | .001230  | .03367   | .0080255 | .0038225 | .3239    |
| %RSD   | 3.483699 | 428.2898 | .2332755 | 434.6662 | 20.03166 | .2508178 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2620292 | -.000564 | 14.44624 | -.007336 | .0222461 | 129.5089 |
| #2 | .2733370 | .001058  | 14.45833 | .005357  | .0201654 | 128.8837 |
| #3 | .2808593 | -.001356 | 14.39492 | .007519  | .0148350 | 129.0490 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 30.31245 | .0140090 | .0200670 | F 872.0766 | .1677987 | .1441440 |
| Stddev | .20449     | .0002202 | .0001795 | 6.7855     | .0005152 | .0001087 |
| %RSD   | .6746170   | 1.572231 | .8944338 | .7780843   | .3070304 | .0753764 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 30.46467 | .0138300 | .0200588 | 879.8291 | .1683395 | .1440238 |
| #2 | 30.08001 | .0139421 | .0202505 | 867.2173 | .1673137 | .1442352 |
| #3 | 30.39267 | .0142550 | .0198918 | 869.1832 | .1677428 | .1441731 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3492576 | 253.7859 | 11.26563 | 533.2616 | .2376148 | -.014726 |
| Stddev | .0015379 | .9044    | .05274   | 2.2041   | .0002073 | .000258  |
| %RSD   | .4403280 | .3563499 | .4681481 | .4133283 | .0872198 | 1.755373 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3507064 | 254.7069 | 11.32367 | 535.5676 | .2375735 | -.014466 |
| #2 | .3476439 | 253.7515 | 11.25259 | 533.0411 | .2374313 | -.014729 |
| #3 | .3494226 | 252.8992 | 11.22064 | 531.1760 | .2378396 | -.014983 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.407344 | .6688744 | 4.547324 | 10.85182 | 5.187487 | .1050097 |
| Stddev | .041942  | .0085692 | .103311  | .08877   | .010929  | .0019165 |
| %RSD   | 1.742260 | 1.281139 | 2.271918 | .8179918 | .2106880 | 1.825055 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.443512 | .6738222 | 4.539728 | 10.94646 | 5.197543 | .1050161 |
| #2 | 2.417152 | .6738216 | 4.448020 | 10.83859 | 5.189062 | .1069230 |
| #3 | 2.361366 | .6589795 | 4.654224 | 10.77041 | 5.175855 | .1030900 |

Sample Name: I1673-11      Acquired: 2/13/2017 16:01:04      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036818 | 11.51908 | 2.411747 | .0128245 | .5556904 | .0805673 |
| Stddev | .0002907 | .04812   | .007830  | .0025924 | .0021996 | .0006370 |
| %RSD   | 7.896093 | .4177158 | .3246756 | 20.21437 | .3958397 | .7906545 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0034911 | 11.55169 | 2.403071 | .0108125 | .5582176 | .0810600 |
| #2 | .0035378 | 11.54174 | 2.413883 | .0157500 | .5546461 | .0807940 |
| #3 | .0040164 | 11.46382 | 2.418288 | .0119111 | .5542073 | .0798479 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5232530 |
| Stddev | .0026262 |
| %RSD   | .5018970 |

|    |          |
|----|----------|
| #1 | .5262828 |
| #2 | .5216269 |
| #3 | .5218493 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.18351 | 1497.113 | 56228.95 | 9513.896 | 1532.684 |
| Stddev    | 1.19172  | 2.458    | 226.54   | 26.153   | 3.028    |
| %RSD      | 3.041382 | .1641992 | .4028913 | .2748925 | .1975793 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 39.40500 | 1495.043 | 56039.56 | 9488.100 | 1530.735 |
| #2 | 40.24895 | 1496.465 | 56167.37 | 9513.196 | 1531.145 |
| #3 | 37.89659 | 1499.830 | 56479.91 | 9540.392 | 1536.173 |

Sample Name: I1673-12      Acquired: 2/13/2017 16:05:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2912437 | .0730166 | 12.54112 | .0783577 | .0463124 | 132.8908 |
| Stddev | .0059960 | .0092833 | .09481   | .0038691 | .0010920 | .3253    |
| %RSD   | 2.058742 | 12.71401 | .7559960 | 4.937703 | 2.357811 | .2447732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2847731 | .0809018 | 12.63753 | .0808236 | .0459584 | 133.2453 |
| #2 | .2966121 | .0753626 | 12.44799 | .0738984 | .0475375 | 132.6061 |
| #3 | .2923459 | .0627853 | 12.53785 | .0803510 | .0454414 | 132.8211 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 30.21652 | .0947781 | .1109074 | F 863.7433 | .4769328 | 1.095739 |
| Stddev | .06969     | .0000472 | .0009866 | 5.2432     | .0020393 | .009899  |
| %RSD   | .2306437   | .0497840 | .8895384 | .6070371   | .4275933 | .9033824 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 30.13970 | .0948307 | .1118138 | 864.9488 | .4746410 | 1.105738 |
| #2 | 30.27570 | .0947639 | .1098566 | 858.0023 | .4785474 | 1.085944 |
| #3 | 30.23414 | .0947396 | .1110517 | 868.2788 | .4776100 | 1.095534 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7498404 | 230.9301 | 11.35575 | 528.2834 | 1.163719 | .0644683 |
| Stddev | .0044378 | .3839    | .03305   | .8113    | .010028  | .0007715 |
| %RSD   | .5918317 | .1662511 | .2910003 | .1535792 | .8617485 | 1.196780 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7549517 | 230.5472 | 11.32594 | 527.3980 | 1.174918 | .0643444 |
| #2 | .7469691 | 230.9281 | 11.35003 | 528.4612 | 1.155570 | .0637662 |
| #3 | .7476002 | 231.3150 | 11.39128 | 528.9911 | 1.160670 | .0652943 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.560782 | 1.472143 | 4.654344 | 11.10719 | 4.922258 | .0986826 |
| Stddev | .053736  | .009104  | .039093  | .05946   | .039293  | .0010126 |
| %RSD   | 2.098429 | .6184464 | .8399152 | .5353572 | .7982769 | 1.026156 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.617363 | 1.472789 | 4.683903 | 11.17491 | 4.966806 | .0987030 |
| #2 | 2.554549 | 1.480907 | 4.610019 | 11.08313 | 4.892528 | .0976599 |
| #3 | 2.510434 | 1.462732 | 4.669109 | 11.06352 | 4.907440 | .0996849 |

Sample Name: I1673-12      Acquired: 2/13/2017 16:05:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029973 | 10.55773 | 2.869030 | .0135368 | .5271573 | .0804709 |
| Stddev | .0003861 | .08706   | .003568  | .0054197 | .0007632 | .0003289 |
| %RSD   | 12.88106 | .8246134 | .1243504 | 40.03669 | .1447756 | .4087679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029728 | 10.63930 | 2.865201 | .0081559 | .5267884 | .0807890 |
| #2 | .0033951 | 10.46606 | 2.872260 | .0189945 | .5266486 | .0804917 |
| #3 | .0026241 | 10.56783 | 2.869629 | .0134600 | .5280349 | .0801321 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4996298 |
| Stddev | .0015975 |
| %RSD   | .3197300 |

|    |          |
|----|----------|
| #1 | .5011189 |
| #2 | .4979425 |
| #3 | .4998280 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 40.81345 | 1501.446 | 57295.38 | 9809.918 | 1540.423 |
| Stddev    | .39985   | 8.488    | 54.64    | 6.472    | 9.279    |
| %RSD      | .9797091 | .5653303 | .0953694 | .0659689 | .6023363 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.42075 | 1491.683 | 57271.89 | 9802.543 | 1529.919 |
| #2 | 41.22009 | 1507.083 | 57357.84 | 9812.563 | 1547.500 |
| #3 | 40.79951 | 1505.570 | 57256.41 | 9814.649 | 1543.851 |

Sample Name: I1673-10LX5      Acquired: 2/13/2017 16:09:36      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0513536 | .0082001 | 3.035296 | .0057386 | .0042773 | 29.30696 | 7.185974 |
| Stddev | .0024396 | .0014843 | .028906  | .0038716 | .0025791 | .32952   | .053785  |
| %RSD   | 4.750548 | 18.10083 | .9523229 | 67.46469 | 60.29730 | 1.124388 | .7484718 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0532302 | .0066131 | 3.023128 | .0073401 | .0071057 | 29.45374 | 7.223195 |
| #2 | .0485959 | .0084332 | 3.068297 | .0013233 | .0036704 | 28.92955 | 7.124308 |
| #3 | .0522346 | .0095541 | 3.014464 | .0085525 | .0020558 | 29.53759 | 7.210419 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034884 | .0032963 | 216.7782 | .0422180 | .0279860 | .0818518 | 63.86219 |
| Stddev | .0000988 | .0001713 | 1.9094   | .0011076 | .0001467 | .0003758 | .70623   |
| %RSD   | 2.833140 | 5.195765 | .8808255 | 2.623567 | .5240763 | .4591583 | 1.105860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035582 | .0034377 | 217.2147 | .0409468 | .0278712 | .0815769 | 64.12432 |
| #2 | .0035318 | .0033453 | 214.6883 | .0429754 | .0281512 | .0816985 | 63.06237 |
| #3 | .0033753 | .0031059 | 218.4316 | .0427318 | .0279357 | .0822801 | 64.39986 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.811750 | 124.2790 | .0499293 | -.003529 | .4615886 | .1622179 | 1.066146 |
| Stddev | .021224  | 1.2687   | .0007726 | .000438  | .1424073 | .0005118 | .033281  |
| %RSD   | .7548155 | 1.020860 | 1.547333 | 12.40837 | 30.85156 | .3154778 | 3.121627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.819444 | 124.4421 | .0505753 | -.003183 | .4674901 | .1620032 | 1.029812 |
| #2 | 2.787753 | 122.9366 | .0501390 | -.003382 | .6009534 | .1618485 | 1.095153 |
| #3 | 2.828054 | 125.4582 | .0490735 | -.004021 | .3163223 | .1628021 | 1.073472 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.361813 | .9992427 | .0263352 | .0005264 | 2.146239 | .5878812 | .0014760 |
| Stddev | .042369  | .0160638 | .0017676 | .0002337 | .015380  | .0060200 | .0019928 |
| %RSD   | 1.793902 | 1.607593 | 6.711937 | 44.39671 | .7165811 | 1.024010 | 135.0139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.357851 | .9860764 | .0275500 | .0005927 | 2.151650 | .5887820 | -.000378 |
| #2 | 2.321565 | 1.017141 | .0243074 | .0002667 | 2.158182 | .5814616 | .001223  |
| #3 | 2.406024 | .994511  | .0271483 | .0007198 | 2.128885 | .5934000 | .003583  |

Sample Name: I1673-10LX5      Acquired: 2/13/2017 16:09:36      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9RZ4BL      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1333726 | .0175488 | .1240085 |
| Stddev | .0016421 | .0005290 | .0012953 |
| %RSD   | 1.231225 | 3.014704 | 1.044512 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1325726 | .0173429 | .1244430 |
| #2 | .1322837 | .0171537 | .1225518 |
| #3 | .1352614 | .0181499 | .1250306 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 37.59098 | 1437.773 | 53450.51 | 8461.371 | 1856.324 |
| Stddev    | 1.39316  | 4.259    | 257.60   | 83.929   | 6.266    |
| %RSD      | 3.706110 | .2962518 | .4819445 | .9919061 | .3375518 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 38.97377 | 1440.477 | 53746.65 | 8439.734 | 1860.879 |
| #2 | 36.18767 | 1432.863 | 53326.61 | 8553.999 | 1849.178 |
| #3 | 37.61151 | 1439.980 | 53278.27 | 8390.378 | 1858.916 |

Sample Name: I1674-09      Acquired: 2/13/2017 16:13:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0534834 | -.000695 | .3187634 | .0134959 | .0043455 | 65.27775 | 4.875801 |
| Stddev | .0121176 | .008333  | .0023160 | .0008140 | .0009888 | .12657   | .019272  |
| %RSD   | 22.65670 | 1199.495 | .7265568 | 6.031129 | 22.75573 | .1938885 | .3952577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0652331 | -.010176 | .3186982 | .0139831 | .0044752 | 65.28678 | 4.889489 |
| #2 | .0541884 | .002623  | .3211114 | .0125562 | .0032982 | 65.39957 | 4.884152 |
| #3 | .0410288 | .005468  | .3164808 | .0139483 | .0052630 | 65.14692 | 4.853762 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044336 | .0028986 | 20.10090 | .0918954 | .1002841 | .0999139 | 103.7328 |
| Stddev | .0000934 | .0000647 | .09544   | .0003533 | .0002530 | .0013651 | .5952    |
| %RSD   | 2.107010 | 2.231748 | .4748278 | .3844221 | .2522976 | 1.366299 | .5737370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0043294 | .0029398 | 20.10378 | .0922044 | .1003606 | .1014231 | 104.2461 |
| #2 | .0045097 | .0028240 | 20.19488 | .0915103 | .1000016 | .0995533 | 103.8719 |
| #3 | .0044619 | .0029319 | 20.00405 | .0919716 | .1004900 | .0987652 | 103.0804 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.709678 | 9.870713 | .0475084 | -.005062 | .6898604 | .2087284 | .3754073 |
| Stddev | .028063  | .097634  | .0004411 | .000185  | .0444888 | .0043590 | .0100687 |
| %RSD   | .4915071 | .9891272 | .9284107 | 3.652396 | 6.448950 | 2.088352 | 2.682065 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.726939 | 9.820118 | .0478007 | -.005210 | .6434876 | .2112702 | .3637955 |
| #2 | 5.724799 | 9.983260 | .0477235 | -.004855 | .7321890 | .2036951 | .3807096 |
| #3 | 5.677297 | 9.808760 | .0470011 | -.005121 | .6939046 | .2112198 | .3817166 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.100272 | 3.219209 | .0426432 | .0085217 | 2.056110 | 10.20849 | .0087590 |
| Stddev | .066060  | .015068  | .0008571 | .0001600 | .026518  | .04862   | .0027505 |
| %RSD   | 1.295231 | .4680762 | 2.009863 | 1.878134 | 1.289696 | .4762425 | 31.40178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.137208 | 3.233560 | .0434247 | .0083588 | 2.082299 | 10.23795 | .0063948 |
| #2 | 5.139603 | 3.220554 | .0427784 | .0086788 | 2.056754 | 10.23513 | .0117777 |
| #3 | 5.024005 | 3.203513 | .0417266 | .0085275 | 2.029276 | 10.15237 | .0081044 |

Sample Name: I1674-09      Acquired: 2/13/2017 16:13:46      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8061721 | .0544325 | .1270241 |
| Stddev | .0047361 | .0006021 | .0006622 |
| %RSD   | .5874858 | 1.106139 | .5212876 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8056210 | .0545139 | .1276223 |
| #2 | .8111597 | .0549898 | .1271374 |
| #3 | .8017356 | .0537938 | .1263126 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 38.99790 | 1539.336 | 57728.25 | 8958.622 | 2127.632 |
| Stddev    | .26334   | 11.115   | 343.82   | 49.650   | 10.508   |
| %RSD      | .6752624 | .7220689 | .5955905 | .5542120 | .4938749 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 38.69618 | 1527.707 | 57354.18 | 8934.942 | 2115.821 |
| #2 | 39.18146 | 1540.447 | 57800.07 | 8925.244 | 2131.130 |
| #3 | 39.11607 | 1549.853 | 58030.48 | 9015.678 | 2135.944 |

Sample Name: I1674-10      Acquired: 2/13/2017 16:17:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0475827 | -.002813 | .3222315 | .0118644 | .0028342 | 66.04691 | 4.878871 |
| Stddev | .0040985 | .002445  | .0040124 | .0036668 | .0040425 | .17349   | .021522  |
| %RSD   | 8.613472 | 86.91334 | 1.245205 | 30.90557 | 142.6325 | .2626768 | .4411180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0515322 | -.000693 | .3182598 | .0079629 | .0039562 | 66.24635 | 4.903440 |
| #2 | .0478659 | -.002259 | .3221512 | .0152396 | .0061972 | 65.93084 | 4.869822 |
| #3 | .0433499 | -.005487 | .3262835 | .0123906 | -.001651 | 65.96355 | 4.863353 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045455 | .0028774 | 20.22357 | .0924467 | .1020568 | .1001635 | 103.9710 |
| Stddev | .0000658 | .0000937 | .07849   | .0003933 | .0014598 | .0018542 | .2227    |
| %RSD   | 1.447151 | 3.255282 | .3881050 | .4253931 | 1.430392 | 1.851217 | .2141832 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045207 | .0028242 | 20.22224 | .0928616 | .1003906 | .1021568 | 104.1607 |
| #2 | .0046201 | .0029856 | 20.30271 | .0920794 | .1026689 | .0998437 | 104.0264 |
| #3 | .0044957 | .0028225 | 20.14575 | .0923993 | .1031109 | .0984899 | 103.7258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.722492 | 9.983856 | .0486739 | -.005006 | .6134146 | .2129800 | .3793832 |
| Stddev | .019031  | .136717  | .0001537 | .000049  | .0283368 | .0047998 | .0123013 |
| %RSD   | .3325714 | 1.369379 | .3157974 | .9883061 | 4.619514 | 2.253647 | 3.242441 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.738138 | 9.913033 | .0488511 | -.005020 | .6402307 | .2084437 | .3704901 |
| #2 | 5.728033 | 10.14145 | .0485770 | -.005048 | .6162437 | .2180058 | .3742378 |
| #3 | 5.701305 | 9.89708  | .0485935 | -.004952 | .5837694 | .2124904 | .3934217 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.073309 | 3.278821 | .0426298 | .0077319 | 2.109722 | 10.40469 | .0082187 |
| Stddev | .020710  | .045888  | .0022562 | .0001109 | .013888  | .04754   | .0035960 |
| %RSD   | .4082220 | 1.399539 | 5.292500 | 1.434339 | .6582854 | .4568838 | 43.75357 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.091181 | 3.233593 | .0407952 | .0076691 | 2.094171 | 10.45076 | .0044984 |
| #2 | 5.078135 | 3.277528 | .0451490 | .0078600 | 2.114106 | 10.40751 | .0116759 |
| #3 | 5.050612 | 3.325343 | .0419452 | .0076667 | 2.120889 | 10.35581 | .0084817 |

Sample Name: I1674-10      Acquired: 2/13/2017 16:17:49      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8114941 | .0543508 | .1273097 |
| Stddev | .0034121 | .0003094 | .0003786 |
| %RSD   | .4204682 | .5691767 | .2973584 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .8127492 | .0545455 | .1277444 |
| #2 | .8141008 | .0539941 | .1271317 |
| #3 | .8076322 | .0545127 | .1270529 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.25253 | 1519.923 | 57621.35 | 8886.596 | 2096.638 |
| Stddev    | .76223   | 9.269    | 125.38   | 35.810   | 14.624   |
| %RSD      | 1.941850 | .6098078 | .2175924 | .4029670 | .6974765 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 39.47215 | 1529.820 | 57481.34 | 8862.383 | 2112.818 |
| #2 | 39.88083 | 1511.447 | 57723.27 | 8869.675 | 2084.364 |
| #3 | 38.40461 | 1518.503 | 57659.43 | 8927.731 | 2092.730 |

Sample Name: I1674-11      Acquired: 2/13/2017 16:21:52      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1247747 | .0986307 | .3634023 | .1030492 | .0680408 | 73.34366 | 8.535450 |
| Stddev | .0129199 | .0050413 | .0061900 | .0101484 | .0020839 | .14082   | .097170  |
| %RSD   | 10.35461 | 5.111315 | 1.703335 | 9.848085 | 3.062694 | .1919937 | 1.138429 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1208582 | .0967781 | .3573568 | .1126038 | .0671731 | 73.50310 | 8.465449 |
| #2 | .1142661 | .0947777 | .3697273 | .0923964 | .0665310 | 73.23632 | 8.494509 |
| #3 | .1391997 | .1043362 | .3631227 | .1041474 | .0704183 | 73.29157 | 8.646390 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0997362 | .0967988 | 21.86127 | .5045117 | 1.089038 | .6134968 | 109.9980 |
| Stddev | .0000667 | .0004146 | .04020   | .0028540 | .006536  | .0031683 | .0854    |
| %RSD   | .0668461 | .4283437 | .1838801 | .5656952 | .6001516 | .5164274 | .0776101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0996981 | .0965231 | 21.81932 | .5017760 | 1.084239 | .6171237 | 110.0375 |
| #2 | .0998132 | .0965976 | 21.86502 | .5042882 | 1.086393 | .6112690 | 109.9000 |
| #3 | .0996973 | .0972756 | 21.89946 | .5074709 | 1.096482 | .6120976 | 110.0564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.848985 | 10.44298 | 1.032711 | .0776645 | .4562191 | 1.280436 | 1.368790 |
| Stddev | .014445  | .04201   | .006304  | .0000713 | .0223729 | .004147  | .038305  |
| %RSD   | .2109136 | .4022387 | .6104606 | .0918411 | 4.903977 | .3238471 | 2.798457 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.862835 | 10.43325 | 1.028701 | .0775989 | .4403182 | 1.285032 | 1.326845 |
| #2 | 6.850110 | 10.48899 | 1.029453 | .0776541 | .4818024 | 1.279301 | 1.377611 |
| #3 | 6.834010 | 10.40668 | 1.039977 | .0777404 | .4465368 | 1.276975 | 1.401916 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.374378 | 3.294155 | .0424819 | .0071326 | 2.011775 | 2.865963 | .0094833 |
| Stddev | .017408  | .022742  | .0006594 | .0005665 | .014912  | .008123  | .0015264 |
| %RSD   | .3238980 | .6903697 | 1.552113 | 7.943110 | .7412197 | .2834369 | 16.09509 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.361738 | 3.269270 | .0430477 | .0065708 | 1.996687 | 2.867766 | .0111405 |
| #2 | 5.394233 | 3.299335 | .0426401 | .0071232 | 2.012133 | 2.873032 | .0081351 |
| #3 | 5.367163 | 3.313860 | .0417578 | .0077038 | 2.026504 | 2.857089 | .0091745 |

Sample Name: I1674-11      Acquired: 2/13/2017 16:21:52      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6350376 | .0573546 | .1270565 |
| Stddev | .0028010 | .0001508 | .0001727 |
| %RSD   | .4410844 | .2628478 | .1359303 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6331075 | .0572774 | .1272552 |
| #2 | .6337550 | .0572581 | .1269720 |
| #3 | .6382503 | .0575283 | .1269424 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 38.16366 | 1508.656 | 57516.80 | 8955.619 | 2082.746 |
| Stddev    | .93168   | 3.792    | 261.35   | 16.458   | 7.076    |
| %RSD      | 2.441281 | .2513755 | .4543944 | .1837777 | .3397446 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 39.22004 | 1509.737 | 57787.92 | 8936.976 | 2085.846 |
| #2 | 37.45918 | 1511.790 | 57496.04 | 8968.138 | 2087.743 |
| #3 | 37.81175 | 1504.440 | 57266.45 | 8961.742 | 2074.649 |

Sample Name: I1674-09LX5      Acquired: 2/13/2017 16:26:00      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9S13L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0050450 | -.001186 | .0695144 | .0058201 | .0015614 | 13.88584 | 1.003838 |
| Stddev | .0019666 | .003282  | .0027908 | .0013021 | .0030728 | .02475   | .002853  |
| %RSD   | 38.98111 | 276.8016 | 4.014681 | 22.37173 | 196.8062 | .1782265 | .2842401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036131 | -.004307 | .0670794 | .0056586 | -.000929 | 13.88503 | 1.000922 |
| #2 | .0072872 | .002236  | .0689040 | .0071954 | .004995  | 13.91098 | 1.003966 |
| #3 | .0042345 | -.001485 | .0725599 | .0046063 | .000617  | 13.86151 | 1.006625 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009899 | .0006161 | 4.292043 | .0194224 | .0202805 | .0215956 | 22.32981 |
| Stddev | .0001121 | .0000436 | .008695  | .0006130 | .0002057 | .0004322 | .09044   |
| %RSD   | 11.32120 | 7.073113 | .2025733 | 3.156303 | 1.014476 | 2.001400 | .4050050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010885 | .0005674 | 4.286554 | .0187268 | .0201595 | .0215131 | 22.29716 |
| #2 | .0010130 | .0006297 | 4.287508 | .0198837 | .0201640 | .0212106 | 22.26024 |
| #3 | .0008680 | .0006514 | 4.302068 | .0196568 | .0205181 | .0220631 | 22.43204 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.227922 | 2.131148 | .0098934 | -.000953 | -.055400 | .0435847 | .0926286 |
| Stddev | .002250  | .046249  | .0002187 | .000158  | .225294  | .0023191 | .0177216 |
| %RSD   | .1832218 | 2.170147 | 2.210199 | 16.58060 | 406.6636 | 5.320982 | 19.13187 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.225721 | 2.098593 | .0097807 | -.001135 | -.151331 | .0415575 | .0722081 |
| #2 | 1.230217 | 2.110764 | .0101454 | -.000851 | -.216852 | .0461136 | .1039820 |
| #3 | 1.227828 | 2.184088 | .0097540 | -.000874 | .201981  | .0430829 | .1016957 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9443616 | .6611444 | .0080787 | .0012225 | .4199537 | 2.309760 | .0013051 |
| Stddev | .0486296 | .0094776 | .0005625 | .0003968 | .0104161 | .008587  | .0014294 |
| %RSD   | 5.149471 | 1.433508 | 6.963462 | 32.45735 | 2.480287 | .3717574 | 109.5192 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8885800 | .6568944 | .0076072 | .0015676 | .4307002 | 2.300078 | .0019235 |
| #2 | .9778336 | .6545357 | .0079274 | .0007889 | .4099029 | 2.316450 | -.000329 |
| #3 | .9666711 | .6720030 | .0087014 | .0013110 | .4192580 | 2.312754 | .002321  |

Sample Name: I1674-09LX5      Acquired: 2/13/2017 16:26:00      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: MG9S13L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1698632 | .0106877 | .0264679 |
| Stddev | .0017335 | .0006857 | .0001640 |
| %RSD   | 1.020542 | 6.415309 | .6195574 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .1696617 | .0100635 | .0263023 |
| #2 | .1682393 | .0114216 | .0266302 |
| #3 | .1716887 | .0105781 | .0264712 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.11964 | 1517.514 | 56237.41 | 8420.553 | 2235.901 |
| Stddev    | 1.03229  | 4.244    | 65.22    | 13.108   | 3.351    |
| %RSD      | 2.857967 | .2796888 | .1159769 | .1556672 | .1498526 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 36.47538 | 1521.543 | 56217.23 | 8434.057 | 2238.236 |
| #2 | 34.95653 | 1517.917 | 56310.34 | 8407.880 | 2237.406 |
| #3 | 36.92701 | 1513.083 | 56184.67 | 8419.723 | 2232.062 |

Sample Name: PB96858BS      Acquired: 2/13/2017 16:30:05      Type: Unk  
 Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0184776 | .0483859 | .0209269 | .0700720 | .1158748 | .4125560 |
| Stddev | .0039669 | .0085306 | .0029150 | .0030584 | .0014406 | .0045563 |
| %RSD   | 21.46893 | 17.63042 | 13.92946 | 4.364695 | 1.243263 | 1.104407 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0140193 | .0431418 | .0237218 | .0723321 | .1142610 | .4129812 |
| #2 | .0197961 | .0437867 | .0179050 | .0665918 | .1163321 | .4168848 |
| #3 | .0216173 | .0582292 | .0211539 | .0712920 | .1170313 | .4078020 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3971564 | .0103921 | .0093944 | 10.00329 | .0229568 | .0911560 |
| Stddev | .0010663 | .0001720 | .0002219 | .03207   | .0004431 | .0002071 |
| %RSD   | .2684734 | 1.655239 | 2.362204 | .3205998 | 1.930024 | .2272155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3976447 | .0105456 | .0092824 | 10.00964 | .0234156 | .0913945 |
| #2 | .3978910 | .0104245 | .0096500 | 10.03171 | .0229234 | .0910213 |
| #3 | .3959334 | .0102062 | .0092508 | 9.96852  | .0225313 | .0910521 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0519228 | .2155888 | .0311480 | 9.376200 | .0760293 | .0182667 |
| Stddev | .0022668 | .0030045 | .0003026 | .053761  | .0002760 | .0000904 |
| %RSD   | 4.365720 | 1.393605 | .9715113 | .5733771 | .3630377 | .4950837 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0532393 | .2145039 | .0314951 | 9.372649 | .0763306 | .0182236 |
| #2 | .0532238 | .2132774 | .0309397 | 9.431649 | .0759686 | .0182058 |
| #3 | .0493053 | .2189850 | .0310093 | 9.324304 | .0757887 | .0183706 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.655584 | .1039295 | .1159890 | 9.358581 | .0218996 | F .0173479 |
| Stddev | .135584  | .0034090 | .0025482 | .022759  | .0066351 | .0008599   |
| %RSD   | 1.404201 | 3.280075 | 2.196931 | .2431938 | 30.29752 | 4.956861   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.504155 | .1073145 | .1180004 | 9.362832 | .0275810 | .0182881 |
| #2 | 9.765720 | .1004971 | .1131234 | 9.333995 | .0146075 | .0166012 |
| #3 | 9.696878 | .1039769 | .1168431 | 9.378914 | .0235104 | .0171544 |

Sample Name: PB96858BS      Acquired: 2/13/2017 16:30:05      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0216511 | .1687757 | .1907412 | F .0152419 | .2061230 | .1019496 |
| Stddev | .0001845 | .0069728 | .0006114 | .0033703   | .0007527 | .0001742 |
| %RSD   | .8519814 | 4.131415 | .3205364 | 22.11222   | .3651882 | .1708562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0217477 | .1736021 | .1908244 | .0188562 | .2067019 | .1018380 |
| #2 | .0217671 | .1719438 | .1913067 | .0146844 | .2052721 | .1021503 |
| #3 | .0214383 | .1607813 | .1900924 | .0121851 | .2063951 | .1018605 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2064880 |
| Stddev | .0005875 |
| %RSD   | .2845336 |

|    |          |
|----|----------|
| #1 | .2068720 |
| #2 | .2067804 |
| #3 | .2058117 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.35797 | 1462.957 | 54331.48 | 8197.887 | 2169.126 |
| Stddev    | .37294   | 8.340    | 98.81    | 43.518   | 9.172    |
| %RSD      | 1.025733 | .5701034 | .1818679 | .5308483 | .4228488 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 36.34278 | 1471.527 | 54222.46 | 8179.170 | 2178.025 |
| #2 | 36.73826 | 1454.867 | 54415.15 | 8166.858 | 2159.704 |
| #3 | 35.99285 | 1462.477 | 54356.82 | 8247.632 | 2169.648 |

Sample Name: I1673-01      Acquired: 2/13/2017 16:34:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1386072 | -.002867 | 2.204010 | .0100135 | .0082492 | 102.3796 | 1.906395 |
| Stddev | .0022423 | .004794  | .004174  | .0028496 | .0029163 | .5217    | .009203  |
| %RSD   | 1.617750 | 167.2069 | .1893805 | 28.45759 | 35.35291 | .5095906 | .4827558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1372854 | .002089  | 2.200639 | .0075654 | .0083132 | 102.2890 | 1.905118 |
| #2 | .1411962 | -.007481 | 2.202713 | .0131415 | .0111329 | 102.9407 | 1.916170 |
| #3 | .1373399 | -.003209 | 2.208679 | .0093335 | .0053013 | 101.9091 | 1.897897 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0110337 | .0172961 | 149.8344 | .1581973 | .1871135 | .2301457 | 175.7989 |
| Stddev | .0001842 | .0002713 | .5776    | .0004550 | .0007129 | .0010943 | .6186    |
| %RSD   | 1.669223 | 1.568686 | .3855088 | .2876216 | .3809860 | .4754626 | .3518690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0108318 | .0174322 | 149.3585 | .1579130 | .1872840 | .2291313 | 175.2007 |
| #2 | .0111925 | .0169836 | 150.4771 | .1587221 | .1877257 | .2313053 | 176.4360 |
| #3 | .0110766 | .0174724 | 149.6676 | .1579569 | .1863309 | .2300004 | 175.7599 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.30106 | 58.96409 | .2041964 | -.008154 | .8734036 | .4654504 | 1.066426 |
| Stddev | .05626   | .36302   | .0012320 | .000172  | .0480521 | .0039840 | .031707  |
| %RSD   | .3676968 | .6156635 | .6033230 | 2.113604 | 5.501706 | .8559506 | 2.973180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.24911 | 58.61518 | .2054969 | -.007969 | .8509831 | .4669458 | 1.093149 |
| #2 | 15.36082 | 59.33974 | .2030468 | -.008311 | .8406594 | .4684704 | 1.074737 |
| #3 | 15.29324 | 58.93735 | .2040454 | -.008182 | .9285683 | .4609351 | 1.031391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.376498 | 5.586893 | .0962409 | .0095378 | 6.643246 | 14.55843 | .0109864 |
| Stddev | .053335  | .025849  | .0023734 | .0006769 | .016668  | .06861   | .0015362 |
| %RSD   | .5688134 | .4626774 | 2.466143 | 7.096739 | .2509001 | .4712477 | 13.98284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.341167 | 5.609003 | .0989709 | .0091948 | 6.656999 | 14.51212 | .0127144 |
| #2 | 9.437849 | 5.558473 | .0950851 | .0091010 | 6.624709 | 14.63725 | .0097754 |
| #3 | 9.350479 | 5.593205 | .0946668 | .0103175 | 6.648031 | 14.52593 | .0104693 |

Sample Name: I1673-01      Acquired: 2/13/2017 16:34:12      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6386132 | .0600212 | .1133667 |
| Stddev | .0023288 | .0006800 | .0004864 |
| %RSD   | .3646643 | 1.132962 | .4290237 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6386836 | .0604792 | .1132729 |
| #2 | .6409060 | .0603447 | .1138931 |
| #3 | .6362500 | .0592399 | .1129340 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 45.39166 | 1710.792 | 65004.69 | 10504.25 | 1895.307 |
| Stddev    | 1.24129  | 5.352    | 150.22   | 42.66    | 5.407    |
| %RSD      | 2.734628 | .3128166 | .2310842 | .4061236 | .2852670 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 44.34221 | 1705.293 | 64987.40 | 10542.31 | 1889.719 |
| #2 | 45.07093 | 1715.983 | 64863.86 | 10458.14 | 1900.512 |
| #3 | 46.76184 | 1711.100 | 65162.79 | 10512.31 | 1895.690 |

Sample Name: I1673-02      Acquired: 2/13/2017 16:38:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0679155 | .0012785 | 2.467764 | .0112547 | .0050560 | 71.20095 | 10.58338 |
| Stddev | .0040123 | .0068369 | .011142  | .0078537 | .0025394 | .28656   | .03603   |
| %RSD   | 5.907808 | 534.7652 | .4515141 | 69.78145 | 50.22645 | .4024598 | .3404461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0633603 | -.000005 | 2.480505 | .0176969 | .0025089 | 71.52969 | 10.54179 |
| #2 | .0694604 | .008666  | 2.462938 | .0135614 | .0075877 | 71.06908 | 10.60311 |
| #3 | .0709257 | -.004826 | 2.459847 | .0025060 | .0050713 | 71.00406 | 10.60524 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078558 | .0110126 | 65.54041 | .1025173 | .0978785 | .2646780 | 127.2426 |
| Stddev | .0000914 | .0000812 | .31440   | .0017607 | .0001345 | .0021412 | .3973    |
| %RSD   | 1.162910 | .7378232 | .4796991 | 1.717442 | .1374389 | .8089689 | .3122488 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079597 | .0110893 | 65.89212 | .1029092 | .0979738 | .2671502 | 127.7014 |
| #2 | .0077880 | .0110211 | 65.44247 | .1005937 | .0977246 | .2634170 | 127.0106 |
| #3 | .0078196 | .0109275 | 65.28663 | .1040490 | .0979372 | .2634667 | 127.0159 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.91964 | 16.70685 | .1044577 | -.005386 | .6086817 | .2696887 | .7558552 |
| Stddev | .06194   | .05956   | .0005641 | .000405  | .0477102 | .0021329 | .0145134 |
| %RSD   | .3890826 | .3565007 | .5400326 | 7.515262 | 7.838280 | .7908776 | 1.920128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.98933 | 16.67376 | .1051085 | -.005779 | .5542202 | .2687152 | .7395865 |
| #2 | 15.89874 | 16.77561 | .1041081 | -.004970 | .6287207 | .2721346 | .7605059 |
| #3 | 15.87085 | 16.67118 | .1041565 | -.005410 | .6431042 | .2682162 | .7674732 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.941635 | 4.594286 | .0693752 | .0040909 | 6.103053 | 11.66466 | .0094000 |
| Stddev | .029484  | .020574  | .0000749 | .0005161 | .032042  | .09331   | .0014697 |
| %RSD   | .4962243 | .4478100 | .1080150 | 12.61527 | .5250184 | .7999592 | 15.63558 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.948645 | 4.596591 | .0693755 | .0034988 | 6.097336 | 11.67920 | .0097361 |
| #2 | 5.966983 | 4.613611 | .0694499 | .0044453 | 6.137569 | 11.56493 | .0106727 |
| #3 | 5.909278 | 4.572657 | .0693001 | .0043285 | 6.074254 | 11.74985 | .0077914 |

Sample Name: I1673-02      Acquired: 2/13/2017 16:38:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5792953 | .0385153 | .1672159 |
| Stddev | .0035450 | .0006292 | .0004317 |
| %RSD   | .6119520 | 1.633676 | .2581555 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5830193 | .0378920 | .1676982 |
| #2 | .5789050 | .0385037 | .1670837 |
| #3 | .5759615 | .0391502 | .1668658 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.96621 | 1598.678 | 60585.96 | 9618.511 | 2022.597 |
| Stddev    | .20798   | 7.921    | 534.20   | 34.741   | 13.980   |
| %RSD      | .5203928 | .4954779 | .8817165 | .3611922 | .6912077 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.13661 | 1589.977 | 60136.20 | 9594.549 | 2007.615 |
| #2 | 40.02757 | 1600.587 | 61176.43 | 9658.355 | 2024.881 |
| #3 | 39.73446 | 1605.470 | 60445.25 | 9602.630 | 2035.295 |

Sample Name: I1673-03      Acquired: 2/13/2017 16:42:27      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0632156 | .0010940 | 5.736245 | .0082316 | .0042984 | 55.21918 | 14.22877 |
| Stddev | .0064665 | .0013421 | .032862  | .0020024 | .0028089 | .27631   | .09457   |
| %RSD   | 10.22922 | 122.6801 | .5728902 | 24.32528 | 65.34886 | .5003863 | .6646197 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0612986 | .0026182 | 5.740568 | .0073644 | .0071788 | 54.91052 | 14.12019 |
| #2 | .0704238 | .0005749 | 5.701435 | .0068090 | .0015669 | 55.44348 | 14.29312 |
| #3 | .0579243 | .0000890 | 5.766732 | .0105214 | .0041494 | 55.30352 | 14.27300 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067746 | .0072789 | 48.75921 | .0874951 | .0870148 | .2207102 | 109.3047 |
| Stddev | .0001308 | .0001927 | .22975   | .0006674 | .0007518 | .0007378 | .5105    |
| %RSD   | 1.930505 | 2.647176 | .4711968 | .7628411 | .8640081 | .3342763 | .4670371 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0069136 | .0072287 | 48.50603 | .0882003 | .0873861 | .2214112 | 108.7458 |
| #2 | .0067562 | .0071162 | 48.95442 | .0868733 | .0861495 | .2199404 | 109.7463 |
| #3 | .0066540 | .0074916 | 48.81720 | .0874117 | .0875086 | .2207790 | 109.4222 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.666199 | 11.79716 | .0862672 | -.004754 | .5915474 | .2285820 | .7341551 |
| Stddev | .039532  | .13566   | .0006082 | .000058  | .0141980 | .0030416 | .0132077 |
| %RSD   | .4561649 | 1.149906 | .7049563 | 1.215682 | 2.400142 | 1.330624 | 1.799030 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.625212 | 11.67164 | .0861957 | -.004821 | .5917372 | .2296635 | .7327754 |
| #2 | 8.704095 | 11.94107 | .0856980 | -.004726 | .6056495 | .2309350 | .7216913 |
| #3 | 8.669289 | 11.77877 | .0869080 | -.004716 | .5772555 | .2251475 | .7479984 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.234525 | 4.131969 | .0597056 | .0106790 | 7.158381 | 10.11878 | .0102598 |
| Stddev | .050349  | .047203  | .0023725 | .0003075 | .040791  | .04447   | .0016839 |
| %RSD   | .8075843 | 1.142394 | 3.973618 | 2.879029 | .5698368 | .4395233 | 16.41278 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.186552 | 4.119044 | .0588657 | .0106692 | 7.170529 | 10.06748 | .0121931 |
| #2 | 6.286954 | 4.092574 | .0623837 | .0109912 | 7.112896 | 10.14639 | .0094728 |
| #3 | 6.230070 | 4.184288 | .0578673 | .0103765 | 7.191718 | 10.14247 | .0091134 |

Sample Name: I1673-03      Acquired: 2/13/2017 16:42:27      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5713733 | .0351958 | .2012311 |
| Stddev | .0025118 | .0009863 | .0007581 |
| %RSD   | .4396113 | 2.802222 | .3767200 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5691791 | .0358893 | .2004556 |
| #2 | .5741131 | .0356313 | .2019705 |
| #3 | .5708276 | .0340667 | .2012672 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.90920 | 1571.873 | 59448.73 | 9471.912 | 2047.840 |
| Stddev    | .84979   | 5.414    | 412.16   | 27.622   | 10.042   |
| %RSD      | 2.129304 | .3444576 | .6932974 | .2916157 | .4903803 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.82135 | 1566.780 | 58979.45 | 9503.769 | 2041.693 |
| #2 | 39.76637 | 1577.560 | 59751.95 | 9454.648 | 2059.429 |
| #3 | 39.13988 | 1571.280 | 59614.80 | 9457.318 | 2042.399 |

Sample Name: I1673-04      Acquired: 2/13/2017 16:46:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2011368 | -.005169 | 9.030052 | .0078875 | .0134717 | 113.4926 |
| Stddev | .0085652 | .004893  | .012542  | .0053151 | .0013336 | .1084    |
| %RSD   | 4.258422 | 94.65607 | .1388862 | 67.38604 | 9.899176 | .0955200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2038754 | .000468  | 9.017631 | .0114694 | .0145218 | 113.6104 |
| #2 | .1915371 | -.008316 | 9.042710 | .0104124 | .0119713 | 113.4704 |
| #3 | .2079977 | -.007659 | 9.029814 | .0017806 | .0139222 | 113.3971 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 29.16507 | .0114362 | .0137950 | 705.6865 | .1482450 | .1383909 |
| Stddev | .03498     | .0001753 | .0001111 | 5.8978   | .0009396 | .0001375 |
| %RSD   | .1199410   | 1.533193 | .8050439 | .8357501 | .6338229 | .0993583 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 29.19590 | .0116359 | .0137170 | 711.1337 | .1492968 | .1385326 |
| #2 | 29.12706 | .0113074 | .0139221 | 699.4232 | .1474886 | .1383820 |
| #3 | 29.17226 | .0113653 | .0137458 | 706.5027 | .1479498 | .1382580 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3280535 | 219.7743 | 10.02042 | 421.1517 | .1639872 | -.012458 |
| Stddev | .0024116 | .5589    | .02240   | 1.3131   | .0004556 | .000675  |
| %RSD   | .7351116 | .2542842 | .2235804 | .3117844 | .2778412 | 5.420338 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3290667 | 220.4108 | 10.04462 | 422.5903 | .1642160 | -.012636 |
| #2 | .3297932 | 219.5484 | 10.01625 | 420.8472 | .1634626 | -.013026 |
| #3 | .3253006 | 219.3639 | 10.00039 | 420.0176 | .1642832 | -.011711 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.086738 | .5399029 | 3.786429 | 8.925803 | 4.335013 | .0938014 |
| Stddev | .084578  | .0021657 | .115271  | .021984  | .013364  | .0009744 |
| %RSD   | 4.053100 | .4011224 | 3.044320 | .2462987 | .3082918 | 1.038831 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.002478 | .5412878 | 3.653895 | 8.933351 | 4.324902 | .0947886 |
| #2 | 2.086107 | .5410137 | 3.863348 | 8.901039 | 4.350165 | .0937753 |
| #3 | 2.171630 | .5374072 | 3.842044 | 8.943019 | 4.329972 | .0928402 |

Sample Name: I1673-04      Acquired: 2/13/2017 16:46:38      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067159 | 10.61741 | 3.218516 | .0074588 | .6367093 | .0682241 |
| Stddev | .0006775 | .04918   | .020532  | .0036910 | .0010238 | .0004614 |
| %RSD   | 10.08726 | .4632289 | .6379250 | 49.48495 | .1607989 | .6762923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0060449 | 10.56608 | 3.240397 | .0100637 | .6378906 | .0676957 |
| #2 | .0067031 | 10.66412 | 3.215481 | .0090777 | .6361574 | .0685473 |
| #3 | .0073996 | 10.62203 | 3.199671 | .0032350 | .6360797 | .0684293 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5644806 |
| Stddev | .0003676 |
| %RSD   | .0651224 |

|    |          |
|----|----------|
| #1 | .5648029 |
| #2 | .5645587 |
| #3 | .5640803 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 36.73443 | 1410.168 | 53154.61 | 8934.896 | 1614.926 |
| Stddev    | 1.00749  | 2.766    | 90.78    | 49.097   | 2.772    |
| %RSD      | 2.742644 | .1961503 | .1707835 | .5495020 | .1716329 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 37.87326 | 1411.973 | 53095.91 | 8878.349 | 1617.509 |
| #2 | 35.95922 | 1406.983 | 53108.74 | 8959.639 | 1611.997 |
| #3 | 36.37082 | 1411.547 | 53259.17 | 8966.698 | 1615.271 |

Sample Name: I1673-05      Acquired: 2/13/2017 16:50:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0501672 | -.005318 | 3.022971 | .0121411 | .0055800 | 49.25786 | 5.577391 |
| Stddev | .0196016 | .003177  | .008802  | .0043225 | .0023377 | .06097   | .036654  |
| %RSD   | 39.07250 | 59.73501 | .2911544 | 35.60216 | 41.89385 | .1237701 | .6571915 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0323644 | -.006788 | 3.012823 | .0098720 | .0082434 | 49.30374 | 5.597014 |
| #2 | .0711730 | -.001673 | 3.028517 | .0094257 | .0046276 | 49.18868 | 5.535103 |
| #3 | .0469641 | -.007493 | 3.027574 | .0171256 | .0038688 | 49.28115 | 5.600056 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048428 | .0054708 | 30.93000 | .0774430 | .0929147 | .1270386 | 95.11758 |
| Stddev | .0001264 | .0002369 | .07683   | .0013253 | .0005056 | .0026747 | .20921   |
| %RSD   | 2.610870 | 4.330996 | .2484052 | 1.711356 | .5442125 | 2.105422 | .2199450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0049617 | .0053800 | 30.88146 | .0788835 | .0924293 | .1296427 | 95.02078 |
| #2 | .0048567 | .0052927 | 31.01859 | .0771701 | .0934384 | .1271748 | 95.35765 |
| #3 | .0047100 | .0057397 | 30.88996 | .0762753 | .0928765 | .1242985 | 94.97430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.82138 | 9.853906 | .0774681 | -.004096 | .4698680 | .1979657 | .6505857 |
| Stddev | .01966   | .043572  | .0007821 | .000159  | .0204371 | .0024273 | .0132344 |
| %RSD   | .1663371 | .4421753 | 1.009596 | 3.886389 | 4.349543 | 1.226125 | 2.034226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.79976 | 9.819383 | .0779868 | -.004082 | .4773288 | .2007572 | .6396722 |
| #2 | 11.83819 | 9.902863 | .0765685 | -.004262 | .4467487 | .1963515 | .6653064 |
| #3 | 11.82618 | 9.839473 | .0778491 | -.003945 | .4855264 | .1967885 | .6467784 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.861451 | 3.184634 | .0455134 | .0112273 | 3.489841 | 5.073147 | .0098260 |
| Stddev | .020826  | .022592  | .0013623 | .0003128 | .020758  | .004662  | .0018001 |
| %RSD   | .4283914 | .7094150 | 2.993277 | 2.786222 | .5948067 | .0918876 | 18.32025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.847469 | 3.162690 | .0441327 | .0115602 | 3.504203 | 5.078142 | .0081908 |
| #2 | 4.885386 | 3.183390 | .0468566 | .0111823 | 3.466041 | 5.068911 | .0095322 |
| #3 | 4.851498 | 3.207823 | .0455510 | .0109394 | 3.499279 | 5.072389 | .0117550 |

Sample Name: I1673-05      Acquired: 2/13/2017 16:50:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RY9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6070715 | .0385897 | .1049648 |
| Stddev | .0009074 | .0004613 | .0001296 |
| %RSD   | .1494655 | 1.195418 | .1234579 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6065354 | .0381361 | .1050107 |
| #2 | .6065600 | .0385748 | .1050651 |
| #3 | .6081191 | .0390583 | .1048185 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.53017 | 1569.958 | 59987.62 | 9341.145 | 2091.292 |
| Stddev    | .48585   | 6.395    | 387.27   | 30.279   | 3.953    |
| %RSD      | 1.229063 | .4073139 | .6455783 | .3241464 | .1890228 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 38.96995 | 1569.087 | 59677.92 | 9321.607 | 2089.484 |
| #2 | 39.78446 | 1576.743 | 59863.11 | 9376.024 | 2095.826 |
| #3 | 39.83610 | 1564.043 | 60421.83 | 9325.805 | 2088.567 |

Sample Name: I1673-06      Acquired: 2/13/2017 16:55:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0425654 | -.002526 | .4466162 | .0067487 | .0025388 | 63.45920 | 2.119097 |
| Stddev | .0082658 | .005719  | .0004722 | .0002927 | .0017841 | .41236   | .011960  |
| %RSD   | 19.41917 | 226.4230 | .1057173 | 4.336848 | 70.27292 | .6498073 | .5643976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0519404 | -.007685 | .4471470 | .0070315 | .0035411 | 63.10151 | 2.111488 |
| #2 | .0363267 | -.003516 | .4462431 | .0064470 | .0004790 | 63.91023 | 2.132882 |
| #3 | .0394291 | .003623  | .4464585 | .0067675 | .0035964 | 63.36586 | 2.112920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057741 | .0039205 | 10.94039 | .0816745 | .1057882 | .0783613 | 97.89211 |
| Stddev | .0001473 | .0001398 | .07913   | .0002632 | .0006868 | .0019596 | .80640   |
| %RSD   | 2.551727 | 3.564843 | .7232890 | .3222632 | .6491971 | 2.500685 | .8237664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056174 | .0040407 | 10.85106 | .0815142 | .1050405 | .0794895 | 97.35809 |
| #2 | .0057950 | .0037671 | 11.00171 | .0815311 | .1059335 | .0794958 | 98.81973 |
| #3 | .0059098 | .0039536 | 10.96839 | .0819783 | .1063908 | .0760986 | 97.49851 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.26200 | 8.748653 | .0725915 | -.003961 | .5440840 | .1962700 | .3647635 |
| Stddev | .07455   | .038094  | .0003951 | .000189  | .0409961 | .0021067 | .0271027 |
| %RSD   | .6079623 | .4354244 | .5443464 | 4.782308 | 7.534887 | 1.073383 | 7.430220 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.20460 | 8.735295 | .0727936 | -.003831 | .5715086 | .1954509 | .3535164 |
| #2 | 12.34625 | 8.791627 | .0728447 | -.004179 | .5637872 | .1986632 | .3956790 |
| #3 | 12.23515 | 8.719038 | .0721362 | -.003874 | .4969561 | .1946958 | .3450951 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.073617 | 2.351239 | .0389616 | .0039579 | 1.526470 | 6.713160 | .0089175 |
| Stddev | .058122  | .008177  | .0006288 | .0002507 | .016212  | .046174  | .0026048 |
| %RSD   | 1.426797 | .3477789 | 1.613992 | 6.333315 | 1.062033 | .6878079 | 29.20994 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.028482 | 2.344466 | .0394676 | .0037335 | 1.528557 | 6.676567 | .0118802 |
| #2 | 4.139199 | 2.348927 | .0391596 | .0042284 | 1.509316 | 6.765038 | .0069870 |
| #3 | 4.053168 | 2.360323 | .0382576 | .0039118 | 1.541538 | 6.697874 | .0078853 |

Sample Name: I1673-06      Acquired: 2/13/2017 16:55:11      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6866800 | .0540789 | .0994861 |
| Stddev | .0070781 | .0003144 | .0006684 |
| %RSD   | 1.030767 | .5813387 | .6718595 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6809625 | .0539343 | .0989189 |
| #2 | .6945966 | .0544395 | .1002230 |
| #3 | .6844809 | .0538628 | .0993164 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.78921 | 1574.136 | 59435.38 | 9330.743 | 2116.334 |
| Stddev    | 1.86771  | 3.036    | 62.41    | 49.515   | 3.009    |
| %RSD      | 4.694024 | .1928776 | .1050112 | .5306645 | .1421883 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.38679 | 1571.027 | 59363.40 | 9371.330 | 2115.353 |
| #2 | 37.69583 | 1577.093 | 59468.12 | 9275.575 | 2119.712 |
| #3 | 41.28500 | 1574.287 | 59474.60 | 9345.325 | 2113.938 |

Sample Name: I1673-07      Acquired: 2/13/2017 16:59:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1043735 | -.000649 | 26.89284 | .0013688 | .0090078 | 97.25109 |
| Stddev | .0018198 | .008991  | .11864   | .0065347 | .0006681 | .17692   |
| %RSD   | 1.743497 | 1385.810 | .4411690 | 477.4242 | 7.417037 | .1819203 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1063999 | -.004122 | 26.75622 | .0073441 | .0085524 | 97.22220 |
| #2 | .1038416 | -.007386 | 26.95229 | .0023715 | .0097748 | 97.44067 |
| #3 | .1028790 | .009561  | 26.97000 | -.005609 | .0086962 | 97.09039 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 20.93433 | .0092160 | .0099472 | 111.1861 | .1539359 | .1797741 |
| Stddev | .06579     | .0000751 | .0002839 | .3055    | .0008118 | .0014944 |
| %RSD   | .3142606   | .8147450 | 2.854408 | .2747854 | .5273534 | .8312469 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 20.89248 | .0092544 | .0097011 | 110.8886 | .1548050 | .1781406 |
| #2 | 21.01016 | .0091295 | .0098826 | 111.4991 | .1538055 | .1801090 |
| #3 | 20.90035 | .0092641 | .0102579 | 111.1708 | .1531972 | .1810725 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2238080 | 177.9869 | 13.66369 | 52.88740 | .1300855 | -.008115 |
| Stddev | .0011855 | .4965    | .03390   | .14205   | .0008354 | .000366  |
| %RSD   | .5297081 | .2789804 | .2481140 | .2685837 | .6422050 | 4.506808 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2249426 | 177.4286 | 13.63348 | 52.77315 | .1293106 | -.008401 |
| #2 | .2225774 | 178.3790 | 13.70036 | 53.04644 | .1299754 | -.007702 |
| #3 | .2239041 | 178.1532 | 13.65724 | 52.84260 | .1309705 | -.008240 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8534485 | .4465675 | 1.746088 | 11.49634 | 5.072870 | .0802315 |
| Stddev | .0895855 | .0001976 | .025573  | .05685   | .025672  | .0018790 |
| %RSD   | 10.49689 | .0442498 | 1.464585 | .4945391 | .5060598 | 2.341956 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8340393 | .4463424 | 1.768804 | 11.47088 | 5.046969 | .0823212 |
| #2 | .9511476 | .4466480 | 1.751069 | 11.45667 | 5.098306 | .0796922 |
| #3 | .7751587 | .4467122 | 1.718391 | 11.56148 | 5.073336 | .0786812 |

Sample Name: I1673-07      Acquired: 2/13/2017 16:59:14      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054205 | 8.622772 | 7.214531 | .0094017 | .8127182 | .0560981 |
| Stddev | .0003639 | .066036  | .038586  | .0014242 | .0008226 | .0007861 |
| %RSD   | 6.714379 | .7658337 | .5348333 | 15.14814 | .1012215 | 1.401341 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0053479 | 8.550220 | 7.258738 | .0104173 | .8119018 | .0557260 |
| #2 | .0058153 | 8.638729 | 7.197245 | .0077738 | .8127058 | .0570012 |
| #3 | .0050983 | 8.679368 | 7.187611 | .0100141 | .8135470 | .0555671 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2427680 |
| Stddev | .0003812 |
| %RSD   | .1570084 |

|    |          |
|----|----------|
| #1 | .2423365 |
| #2 | .2429086 |
| #3 | .2430590 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 40.58207 | 1593.930 | 60290.75 | 9619.325 | 1941.665 |
| Stddev    | .41099   | 3.892    | 206.56   | 24.188   | 4.464    |
| %RSD      | 1.012745 | .2441752 | .3425999 | .2514568 | .2298970 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.13587 | 1595.649 | 60119.60 | 9613.575 | 1946.703 |
| #2 | 40.66520 | 1596.666 | 60232.47 | 9598.530 | 1940.091 |
| #3 | 40.94514 | 1589.474 | 60520.19 | 9645.871 | 1938.202 |

Sample Name: I1673-08      Acquired: 2/13/2017 17:03:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0507008 | -.001016 | 2.945242 | .0087101 | .0029140 | 61.64065 | 7.685483 |
| Stddev | .0047942 | .005649  | .011411  | .0038577 | .0016574 | .41274   | .041028  |
| %RSD   | 9.455778 | 555.9702 | .3874436 | 44.28968 | 56.87822 | .6695882 | .5338355 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0485872 | -.006719 | 2.937380 | .0048778 | .0014257 | 61.46865 | 7.727340 |
| #2 | .0561886 | -.000907 | 2.940016 | .0086599 | .0026162 | 62.11158 | 7.683770 |
| #3 | .0473267 | .004578  | 2.958330 | .0125927 | .0047002 | 61.34174 | 7.645338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070642 | .0156152 | 98.18417 | .0670633 | .0570256 | .1933659 | 88.78326 |
| Stddev | .0000568 | .0001936 | .72906   | .0011662 | .0001973 | .0026401 | .49298   |
| %RSD   | .8045021 | 1.239718 | .7425385 | 1.738965 | .3460193 | 1.365344 | .5552623 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070002 | .0156169 | 97.99309 | .0658475 | .0568764 | .1906949 | 88.88132 |
| #2 | .0071088 | .0154207 | 98.98974 | .0671698 | .0569510 | .1959739 | 89.21984 |
| #3 | .0070835 | .0158079 | 97.56969 | .0681726 | .0572493 | .1934289 | 88.24862 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.10876 | 28.54983 | .1272978 | -.003815 | .7491754 | .1867490 | .6471152 |
| Stddev | .09532   | .14654   | .0009114 | .000110  | .0277374 | .0012460 | .0153943 |
| %RSD   | .6308799 | .5132674 | .7159994 | 2.871189 | 3.702395 | .6671886 | 2.378918 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.11405 | 28.51046 | .1272932 | -.003756 | .7209140 | .1856427 | .6647568 |
| #2 | 15.20132 | 28.71202 | .1263886 | -.003749 | .7502548 | .1865054 | .6401834 |
| #3 | 15.01090 | 28.42699 | .1282115 | -.003942 | .7763573 | .1880987 | .6364055 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.412323 | 6.203571 | .0635128 | .0045661 | 10.47938 | 9.653331 | .0118614 |
| Stddev | .031707  | .023550  | .0023363 | .0004211 | .03765   | .063962  | .0004270 |
| %RSD   | .4944725 | .3796193 | 3.678504 | 9.222989 | .3592431 | .6625937 | 3.599571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.415557 | 6.179049 | .0625665 | .0050511 | 10.43621 | 9.598347 | .0121932 |
| #2 | 6.442289 | 6.205654 | .0661739 | .0043535 | 10.50538 | 9.723528 | .0120113 |
| #3 | 6.379122 | 6.226011 | .0617982 | .0042936 | 10.49656 | 9.638118 | .0113797 |

Sample Name: I1673-08      Acquired: 2/13/2017 17:03:23      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4336522 | .0288608 | .1918405 |
| Stddev | .0021396 | .0004960 | .0013777 |
| %RSD   | .4933836 | 1.718478 | .7181273 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .4329797 | .0286787 | .1920372 |
| #2 | .4360473 | .0294220 | .1931092 |
| #3 | .4319297 | .0284816 | .1903750 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 46.10994 | 1830.100 | 69110.39 | 11084.96 | 1970.058 |
| Stddev    | .60544   | 2.719    | 408.11   | 66.28    | 2.342    |
| %RSD      | 1.313035 | .1485477 | .5905257 | .5979113 | .1189046 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 45.66813 | 1828.937 | 69423.41 | 11100.49 | 1971.758 |
| #2 | 45.86164 | 1833.207 | 69258.95 | 11012.29 | 1971.031 |
| #3 | 46.80006 | 1828.157 | 68648.80 | 11142.09 | 1967.386 |

Sample Name: PB96857BS      Acquired: 2/13/2017 17:07:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | <span style="color: red;">F</span> .0131188 | .0524948 | .0234843 | .0759775 | .1234732 | .4488375 |
| Stddev | .0042369                                    | .0043371 | .0022520 | .0046660 | .0052319 | .0103136 |
| %RSD   | 32.29679                                    | 8.262024 | 9.589384 | 6.141335 | 4.237285 | 2.297857 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0140278 | .0547559 | .0234213 | .0807447 | .1249660 | .4548299 |
| #2 | .0168274 | .0474944 | .0212645 | .0714197 | .1176571 | .4369284 |
| #3 | .0085011 | .0552343 | .0257672 | .0757681 | .1277964 | .4547542 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3969210 | .0108200 | .0097484 | 8.262216 | .0238740 | .0944997 |
| Stddev | .0019780 | .0000558 | .0001181 | .030225  | .0002465 | .0003994 |
| %RSD   | .4983419 | .5161170 | 1.211474 | .3658275 | 1.032624 | .4226535 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3985335 | .0108838 | .0098486 | 8.279519 | .0241000 | .0942541 |
| #2 | .3975157 | .0107961 | .0096182 | 8.279813 | .0239110 | .0942845 |
| #3 | .3947139 | .0107801 | .0097785 | 8.227315 | .0236111 | .0949606 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0548907 | .2553120 | .0345798 | 7.748052 | .0789222 | .0194620 |
| Stddev | .0015563 | .0101248 | .0007616 | .071098  | .0004919 | .0002555 |
| %RSD   | 2.835318 | 3.965676 | 2.202499 | .9176260 | .6232629 | 1.312931 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0533357 | .2560695 | .0338992 | 7.762774 | .0793427 | .0195004 |
| #2 | .0548880 | .2448297 | .0354024 | 7.810637 | .0783813 | .0191895 |
| #3 | .0564483 | .2650368 | .0344378 | 7.670745 | .0790427 | .0196962 |

|        |          |          |          |          |          |                                             |
|--------|----------|----------|----------|----------|----------|---------------------------------------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496                                      |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm                                         |
| Avg    | 9.990204 | .1134019 | .1129369 | 9.907972 | .0222079 | <span style="color: red;">F</span> .0284709 |
| Stddev | .049020  | .0038397 | .0032905 | .071762  | .0108571 | .0004982                                    |
| %RSD   | .4906834 | 3.385902 | 2.913538 | .7242904 | 48.88862 | 1.749857                                    |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.03138 | .1116811 | .1102698 | 9.948846 | .0185482 | .0290454 |
| #2 | 10.00325 | .1107237 | .1166139 | 9.949959 | .0136535 | .0282100 |
| #3 | 9.93598  | .1178010 | .1119269 | 9.825110 | .0344220 | .0281574 |

Sample Name: PB96857BS      Acquired: 2/13/2017 17:07:34      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      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    | .0231990 | .1813920 | .2914100 | F .0140197 | .2156200 | .1084279 |
| Stddev | .0002542 | .0068585 | .0042049 | .0014788   | .0007344 | .0009750 |
| %RSD   | 1.095915 | 3.781045 | 1.442943 | 10.54777   | .3405768 | .8992347 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0230967 | .1739805 | .2955778 | .0129603 | .2149793 | .1087458 |
| #2 | .0230119 | .1826808 | .2914832 | .0157092 | .2154593 | .1092043 |
| #3 | .0234885 | .1875146 | .2871690 | .0133897 | .2164214 | .1073336 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2159477 |
| Stddev | .0009343 |
| %RSD   | .4326328 |

|    |          |
|----|----------|
| #1 | .2166960 |
| #2 | .2162465 |
| #3 | .2149006 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.90111 | 1444.263 | 53465.95 | 8021.419 | 2155.399 |
| Stddev    | 1.49758  | 7.718    | 68.69    | 33.697   | 11.094   |
| %RSD      | 4.171400 | .5344057 | .1284681 | .4200826 | .5146950 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 37.57981 | 1446.430 | 53516.19 | 8001.222 | 2154.808 |
| #2 | 34.70229 | 1450.667 | 53493.98 | 8002.716 | 2166.776 |
| #3 | 35.42124 | 1435.693 | 53387.68 | 8060.319 | 2144.613 |

Sample Name: I1673-10A      Acquired: 2/13/2017 17:11:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8342370 | -.003276 | 13.57472 | -.000201 | .0128942 | 123.3783 |
| Stddev | .0099783 | .003000  | .03931   | .009773  | .0035500 | .1879    |
| %RSD   | 1.196100 | 91.55293 | .2895828 | 4873.659 | 27.53142 | .1522600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8286133 | -.001043 | 13.54477 | -.009795 | .0097974 | 123.4795 |
| #2 | .8457579 | -.006686 | 13.61923 | -.000550 | .0167685 | 123.4939 |
| #3 | .8283398 | -.002100 | 13.56014 | .009743  | .0121169 | 123.1616 |

|        |            |          |          |            |          |          |
|--------|------------|----------|----------|------------|----------|----------|
| Elem   | Ba4934     | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | F 28.54372 | .0133762 | .0187657 | F 826.4566 | .1595451 | .1361790 |
| Stddev | .23791     | .0003088 | .0000829 | 6.3181     | .0005290 | .0008020 |
| %RSD   | .8334922   | 2.308289 | .4415443 | .7644789   | .3315494 | .5889610 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.81801 | .0131273 | .0186702 | 826.7396 | .1600735 | .1353505 |
| #2 | 28.39328 | .0137217 | .0188178 | 832.6285 | .1595461 | .1369517 |
| #3 | 28.41989 | .0132797 | .0188092 | 820.0018 | .1590156 | .1362346 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3314861 | 238.2332 | 10.64016 | 501.3881 | .2234135 | -.013449 |
| Stddev | .0036871 | .3264    | .02639   | .5379    | .0019802 | .000595  |
| %RSD   | 1.112281 | .1369894 | .2479967 | .1072880 | .8863526 | 4.421532 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3357422 | 238.5501 | 10.65381 | 501.9617 | .2227717 | -.012788 |
| #2 | .3292650 | 238.2514 | 10.65693 | 501.3078 | .2256350 | -.013616 |
| #3 | .3294512 | 237.8981 | 10.60974 | 500.8949 | .2218337 | -.013941 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.352598 | .6413657 | 4.151475 | 10.17711 | 4.884563 | .0977478 |
| Stddev | .027023  | .0040650 | .146709  | .02985   | .013659  | .0021952 |
| %RSD   | 1.148642 | .6338119 | 3.533898 | .2932610 | .2796328 | 2.245761 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.382865 | .6457076 | 4.004136 | 10.18089 | 4.870321 | .0968095 |
| #2 | 2.330894 | .6376502 | 4.152743 | 10.14555 | 4.885815 | .1002562 |
| #3 | 2.344035 | .6407392 | 4.297545 | 10.20488 | 4.897552 | .0961776 |

Sample Name: I1673-10A      Acquired: 2/13/2017 17:11:41      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: MG9RZ4A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033924 | 10.80265 | 2.404593 | .0130135 | .5270370 | .0758778 |
| Stddev | .0007911 | .03612   | .016965  | .0030113 | .0032814 | .0002525 |
| %RSD   | 23.32017 | .3343731 | .7055401 | 23.13942 | .6226095 | .3327943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0028049 | 10.77264 | 2.414271 | .0145206 | .5273331 | .0756108 |
| #2 | .0042920 | 10.84274 | 2.414504 | .0149737 | .5236176 | .0761128 |
| #3 | .0030804 | 10.79257 | 2.385003 | .0095463 | .5301603 | .0759099 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4974653 |
| Stddev | .0006246 |
| %RSD   | .1255641 |

|    |          |
|----|----------|
| #1 | .4977306 |
| #2 | .4979134 |
| #3 | .4967518 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 39.87683 | 1497.992 | 56135.44 | 9460.613 | 1558.392 |
| Stddev    | 1.06693  | .984     | 164.00   | 49.633   | 1.591    |
| %RSD      | 2.675558 | .0656858 | .2921542 | .5246294 | .1021160 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 40.97956 | 1496.877 | 55951.86 | 9414.108 | 1558.246 |
| #2 | 39.80121 | 1498.737 | 56267.47 | 9454.859 | 1556.879 |
| #3 | 38.84973 | 1498.363 | 56187.01 | 9512.872 | 1560.051 |

Sample Name: CCV068      Acquired: 2/13/2017 17:26:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.030794 | 4.641560 | 23.78052 | 4.863897 | 4.921373 | 403.0157 | 9.634982 |
| Stddev | .009719  | .020001  | .08722   | .012555  | .013596  | .9331    | .121410  |
| %RSD   | .1931889 | .4309018 | .3667748 | .2581171 | .2762645 | .2315197 | 1.260093 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.020192 | 4.625372 | 23.69400 | 4.854070 | 4.905854 | 404.0136 | 9.763147 |
| #2 | 5.032911 | 4.635388 | 23.86842 | 4.859580 | 4.931184 | 402.1650 | 9.521699 |
| #3 | 5.039281 | 4.663919 | 23.77914 | 4.878040 | 4.927082 | 402.8685 | 9.620100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5022799 | 2.400492 | 385.6287 | 15.32982 | 2.394750 | 14.87255 | 383.9040 |
| Stddev | .0008655 | .004059  | .7965    | .17881   | .002203  | .05991   | 1.0219   |
| %RSD   | .1723224 | .1690842 | .2065364 | 1.166430 | .0919901 | .4028467 | .2661844 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5032088 | 2.396178 | 384.7108 | 15.45864 | 2.392750 | 14.90389 | 383.7320 |
| #2 | .5014960 | 2.401062 | 386.0374 | 15.40515 | 2.397111 | 14.80347 | 382.9791 |
| #3 | .5021349 | 2.404236 | 386.1378 | 15.12567 | 2.394388 | 14.91029 | 385.0010 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.14299 | 382.6891 | 2.390118 | 1.223295 | 381.8859 | 2.472923 | 13.77108 |
| Stddev | .04359   | .7507    | .003655  | .012042  | 1.8108   | .005665  | .52357   |
| %RSD   | .3081987 | .1961749 | .1529234 | .9843832 | .4741771 | .2290979 | 3.801918 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.13672 | 382.1291 | 2.385942 | 1.231547 | 383.2159 | 2.476277 | 13.90745 |
| #2 | 14.10288 | 382.3961 | 2.392735 | 1.228861 | 379.8236 | 2.466382 | 14.21298 |
| #3 | 14.18938 | 383.5422 | 2.391678 | 1.209477 | 382.6181 | 2.476110 | 13.19283 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 147.0161 | 4.949947 | 4.691145 | 4.889505 | 4.860055 | 4.888104 | 4.784130 |
| Stddev | .6001    | .007668  | .011004  | .009709  | .035759  | .016123  | .008242  |
| %RSD   | .4081543 | .1549049 | .2345734 | .1985683 | .7357820 | .3298325 | .1722765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 147.4800 | 4.941101 | 4.692380 | 4.878945 | 4.818827 | 4.903465 | 4.774789 |
| #2 | 146.3384 | 4.954678 | 4.701480 | 4.898047 | 4.882646 | 4.889532 | 4.790380 |
| #3 | 147.2299 | 4.954063 | 4.679576 | 4.891522 | 4.878692 | 4.871315 | 4.787221 |

Sample Name: CCV068      Acquired: 2/13/2017 17:26:59      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.869767 | 4.966370 | 4.920966 |
| Stddev | .004501  | .023603  | .023231  |
| %RSD   | .0924193 | .4752573 | .4720771 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.874881 | 4.984715 | 4.936927 |
| #2 | 4.868010 | 4.939742 | 4.894314 |
| #3 | 4.866410 | 4.974653 | 4.931656 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 30.83137 | 1233.172 | 46087.82 | 7735.916 | 1562.774 |
| Stddev    | 1.26219  | 2.411    | 473.23   | 13.109   | 3.698    |
| %RSD      | 4.093858 | .1954798 | 1.026791 | .1694569 | .2366404 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 30.28289 | 1234.465 | 45664.93 | 7721.112 | 1566.352 |
| #2 | 29.93620 | 1230.391 | 45999.58 | 7746.052 | 1558.966 |
| #3 | 32.27501 | 1234.660 | 46598.95 | 7740.582 | 1563.004 |

Sample Name: CCB068      Acquired: 2/13/2017 17:35:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001879 | .0004098 | .0006610 | .0036095 | -.001433 | .0063235 | -.002020 |
| Stddev | .0107025 | .0043570 | .0019188 | .0031694 | .004014  | .0065999 | .000219  |
| %RSD   | 5697.017 | 1063.323 | 290.2968 | 87.80701 | 280.0682 | 104.3710 | 10.83741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0099805 | .0052208 | -.001483 | .0004523 | -.006032 | .0042784 | -.002241 |
| #2 | .0018200 | -.000722 | .002216  | .0035853 | .001363  | .0137039 | -.001803 |
| #3 | -.011237 | -.003270 | .001251  | .0067910 | .000369  | .0009883 | -.002015 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | .0000590 | -.008850 | .0001150 | -.000201 | .0017841 | -.007986 |
| Stddev | .000040  | .0001026 | .004046  | .0001034 | .000263  | .0007865 | .005759  |
| %RSD   | 144.4599 | 174.0235 | 45.71962 | 89.87725 | 130.3295 | 44.08253 | 72.11456 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000068 | .0001294 | -.005888 | .0000116 | -.000441 | .0022480 | -.012976 |
| #2 | .000012  | -.000059 | -.007202 | .0001152 | .000079  | .0022283 | -.001684 |
| #3 | -.000028 | .000106  | -.013460 | .0002183 | -.000243 | .0008760 | -.009299 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001854 | -.001798 | .0002106 | -.000119 | -.005275 | -.003198 | -.008431 |
| Stddev | .0009672 | .026428  | .0005889 | .000070  | .032285  | .001295  | .014194  |
| %RSD   | 521.7143 | 1469.974 | 279.6893 | 58.92573 | 612.0100 | 40.50335 | 168.3489 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011699 | -.032303 | .0006977 | -.000102 | -.007697 | -.001769 | -.016919 |
| #2 | .0001498 | .012748  | -.000444 | -.000059 | .028152  | -.003530 | .007955  |
| #3 | -.000764 | .014161  | .000378  | -.000196 | -.036282 | -.004295 | -.016330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0168458 | -.002382 | .0006168 | -.000001 | .0040025 | -.004260 | .0008466 |
| Stddev | .0212932 | .001043  | .0007834 | .000348  | .0091161 | .000670  | .0006840 |
| %RSD   | 126.4004 | 43.77098 | 126.9986 | 41872.76 | 227.7590 | 15.72962 | 80.79579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0133386 | -.003019 | .0012803 | .000341  | -.004446 | -.004672 | .0001762 |
| #2 | .0396748 | -.002949 | -.000247 | -.000355 | .013665  | -.003487 | .0008202 |
| #3 | -.002476 | -.001179 | .000818  | .000011  | .002788  | -.004622 | .0015435 |

Sample Name: CCB068      Acquired: 2/13/2017 17:35:56      Type: Unk  
Method: ISM02.2 INSTRUMENT P5 WITH 6 POINT ICAL(v776)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB068      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002731 | .0012782 | -.000102 |
| Stddev | .0002193 | .0001451 | .000068  |
| %RSD   | 80.30941 | 11.35133 | 66.11911 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002194 | .0013001 | -.000112 |
| #2 | .0000856 | .0014111 | -.000030 |
| #3 | .0005142 | .0011234 | -.000165 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_ 2243  | Y_ 2243  | Y_ 3600  | Y_ 3710  | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 35.31500 | 1457.593 | 54357.45 | 8009.067 | 2252.220 |
| Stddev    | .88079   | 6.749    | 191.17   | 31.175   | 6.855    |
| %RSD      | 2.494098 | .4630005 | .3516988 | .3892410 | .3043589 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 35.51167 | 1449.850 | 54318.72 | 7980.125 | 2244.385 |
| #2 | 36.08083 | 1460.707 | 54188.60 | 8042.075 | 2255.161 |
| #3 | 34.35250 | 1462.223 | 54565.02 | 8005.000 | 2257.112 |