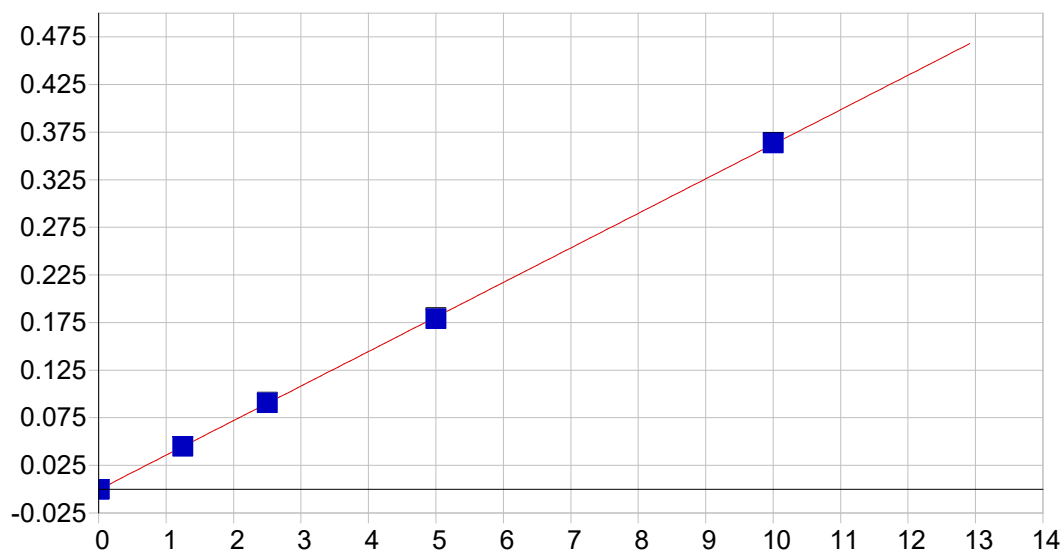


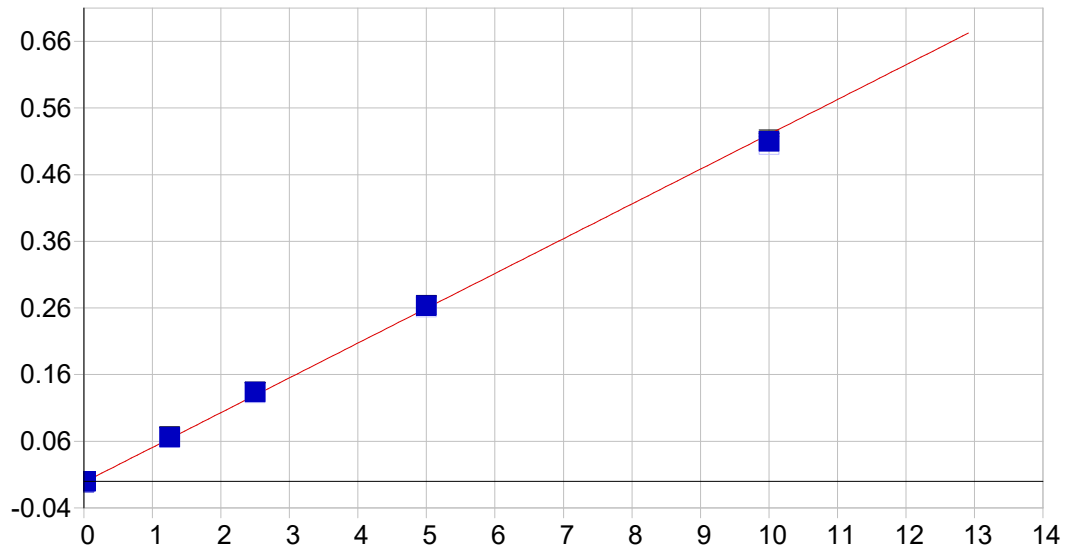


**As 189.042 {479}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000544 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.036279  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999968  | Status:   | OK.      |
| Std Error of Est: | 0.000005  |           |          |
| Predicted MDL:    | 0.006144  |           |          |
| Predicted MQL:    | 0.020481  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00054 | .000    | 1        |
| S1        | .01000       | .00765      | -.002      | -23.5   | -.00027 | .000    | 1        |
| S2        | 1.2500       | 1.2492      | -.001      | -.067   | .04474  | .000    | 1        |
| S3        | 2.5000       | 2.5140      | .014       | .560    | .09060  | .001    | 1        |
| S4        | 5.0000       | 4.9534      | -.047      | -.931   | .17904  | .001    | 1        |
| S5        | 10.000       | 10.036      | .036       | .357    | .36329  | .001    | 1        |

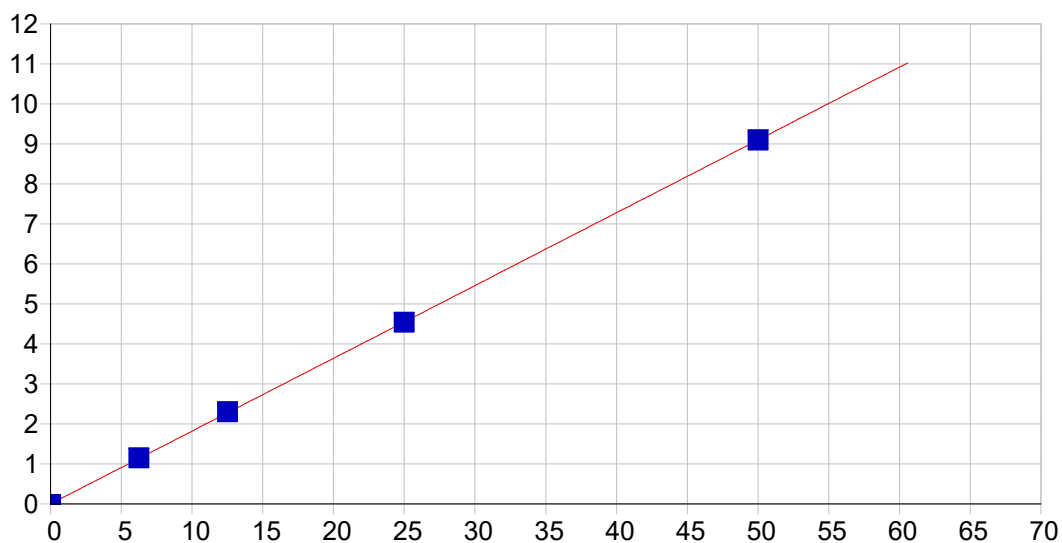


**TI 190.856 {477}**

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001437 Re-Slope: 1.000000  
 A1 (Gain): 0.052193 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999730 Status: OK.  
 Std Error of Est: 0.000032  
 Predicted MDL: 0.004432  
 Predicted MQL: 0.014773

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00144 | .000    | 1        |
| S1        | .02500       | .02555      | .001       | 2.20    | -.00016 | .000    | 1        |
| S2        | 1.2500       | 1.2918      | .042       | 3.34    | .06539  | .001    | 1        |
| S3        | 2.5000       | 2.5891      | .089       | 3.57    | .13251  | .000    | 1        |
| S4        | 5.0000       | 5.0748      | .075       | 1.50    | .26105  | .000    | 1        |
| S5        | 10.000       | 9.7938      | -.206      | -2.06   | .50497  | .002    | 1        |

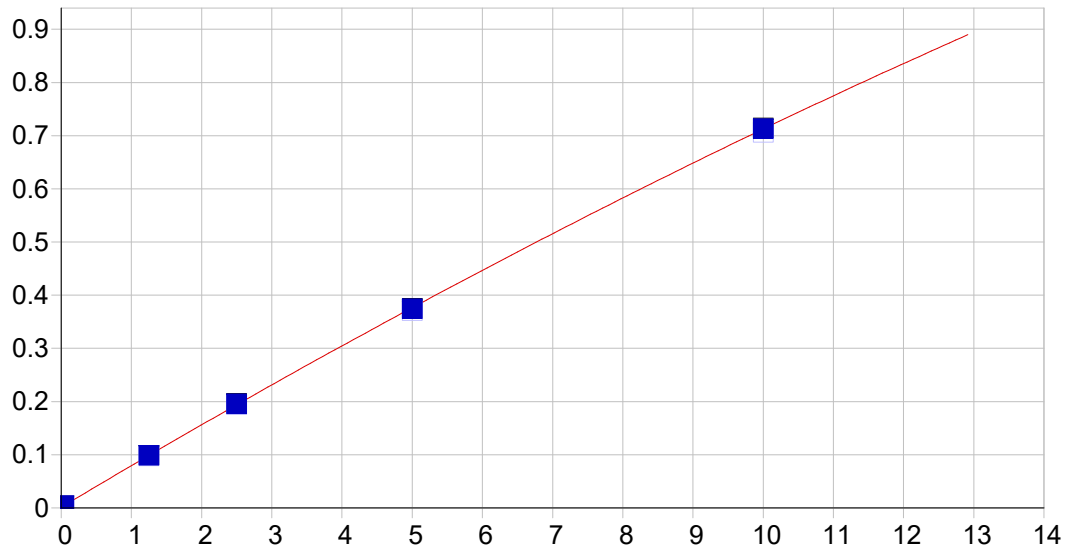


### Pb 220.353 {453}

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000902 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.181985 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999991 | Status:   | OK.      |
| Std Error of Est: | 0.000029 |           |          |
| Predicted MDL:    | 0.002584 |           |          |
| Predicted MQL:    | 0.008612 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00090 | .000    | 1        |
| S1        | .01000       | .01014      | .000       | 1.39    | .00275 | .001    | 1        |
| S2        | 6.2500       | 6.2779      | .028       | .447    | 1.1440 | .001    | 1        |
| S3        | 12.500       | 12.618      | .118       | .946    | 2.2985 | .003    | 1        |
| S4        | 25.000       | 24.902      | -.098      | -.393   | 4.5352 | .007    | 1        |
| S5        | 50.000       | 49.952      | -.048      | -.096   | 9.0966 | .017    | 1        |

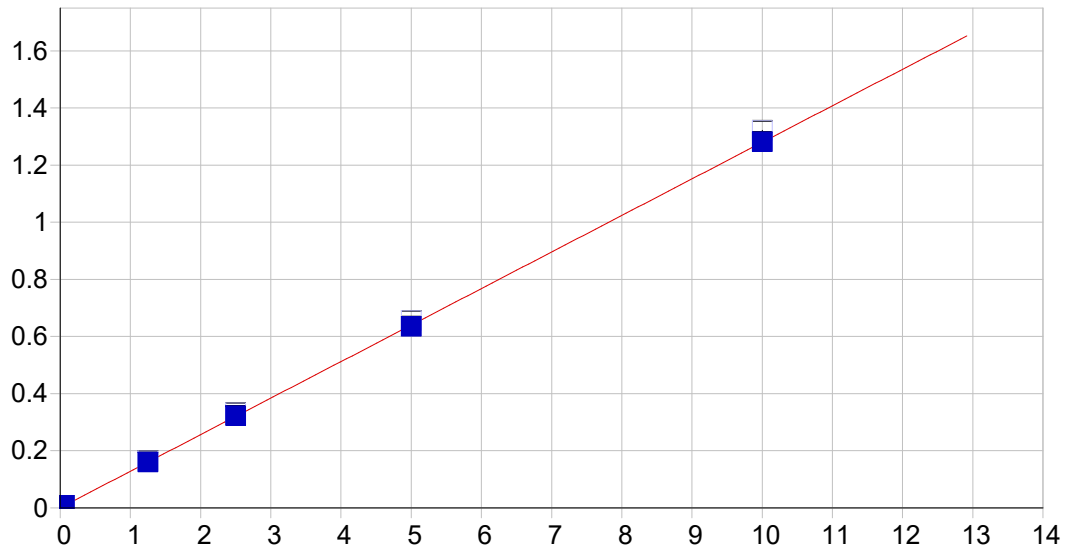


Se 196.090 {472}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001199 Re-Slope: 1.000000  
 A1 (Gain): 0.079053 Y-int: 0.000000  
 A2 (Curvature): -0.000793  
 n (Exponent): 1.000000  
 Correlation: 0.999982 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.004173  
 Predicted MQL: 0.013912

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00120 | .000    | 1        |
| S1        | .03500       | .03717      | .002       | 6.19    | .00413 | .000    | 1        |
| S2        | 1.2500       | 1.2453      | -.005      | -.373   | .09749 | .001    | 1        |
| S3        | 2.5000       | 2.5248      | .025       | .993    | .19389 | .001    | 1        |
| S4        | 5.0000       | 4.9647      | -.035      | -.705   | .37044 | .001    | 1        |
| S5        | 10.000       | 10.013      | .013       | .132    | .70588 | .001    | 1        |

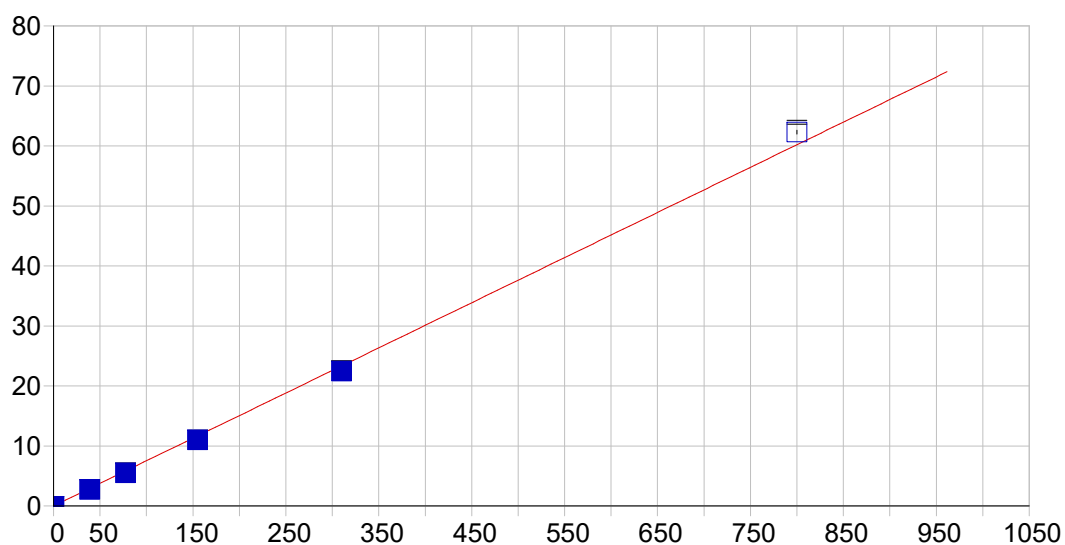


**Sb 206.833 {463}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000425 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.127936 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999982 | Status:   | OK.      |
| Std Error of Est: | 0.000032 |           |          |
| Predicted MDL:    | 0.002532 |           |          |
| Predicted MQL:    | 0.008440 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00042 | .000    | 1        |
| S1        | .06000       | .06399      | .004       | 6.64    | .00861 | .000    | 1        |
| S2        | 1.2500       | 1.2496      | -.000      | -.033   | .16517 | .000    | 1        |
| S3        | 2.5000       | 2.5205      | .020       | .818    | .33265 | .001    | 1        |
| S4        | 5.0000       | 4.9639      | -.036      | -.721   | .65502 | .001    | 1        |
| S5        | 10.000       | 10.012      | .012       | .121    | 1.3204 | .002    | 1        |

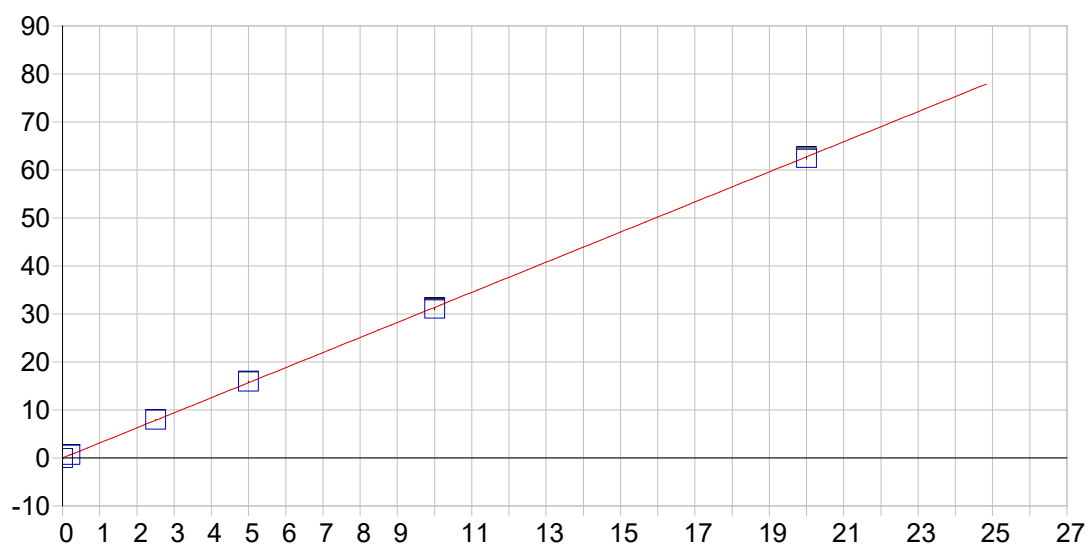


AI 396.152 { 85}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001451 Re-Slope: 1.000000  
 A1 (Gain): 0.075244 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999149 Status: OK.  
 Std Error of Est: 0.001932  
 Predicted MDL: 0.008778  
 Predicted MQL: 0.029259

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00004      | .000       | .000    | .00145 | .000    | 1        |
| S1        | .20000       | .19614      | -.004      | -1.93   | .01623 | .000    | 1        |
| S2        | 38.750       | 36.168      | -2.58      | -6.66   | 2.7259 | .005    | 1        |
| S3        | 77.500       | 72.885      | -4.61      | -5.95   | 5.4918 | .028    | 1        |
| S4        | 155.00       | 146.30      | -8.70      | -5.61   | 11.022 | .027    | 1        |
| S5        | 310.00       | 298.13      | -11.9      | -3.83   | 22.459 | .076    | 1        |
| S6        | 800.00       | 827.80      | 27.8       | 3.47    | 62.289 | .340    | 1        |

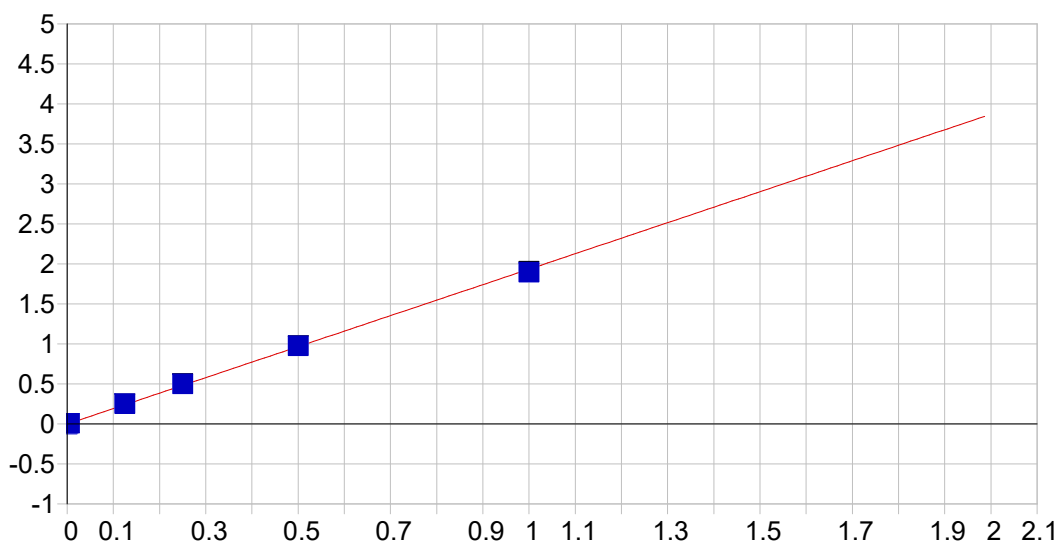


### Ba 493.409 { 68}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.018394 Re-Slope: 1.000000  
 A1 (Gain): 3.137616 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: OK.  
 Std Error of Est: 0.003253  
 Predicted MDL: 0.000640  
 Predicted MQL: 0.002132

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.01844 | .003    | 1        |
| S1        | .20000       | .20950      | .010       | 4.75    | .63895  | .005    | 1        |
| S2        | 2.5000       | 2.5459      | .046       | 1.84    | 7.9697  | .029    | 1        |
| S3        | 5.0000       | 5.0858      | .086       | 1.72    | 15.939  | .044    | 1        |
| S4        | 10.000       | 9.9210      | -.079      | -.790   | 31.110  | .239    | 1        |
| S5        | 20.000       | 19.938      | -.062      | -.311   | 62.539  | .284    | 1        |



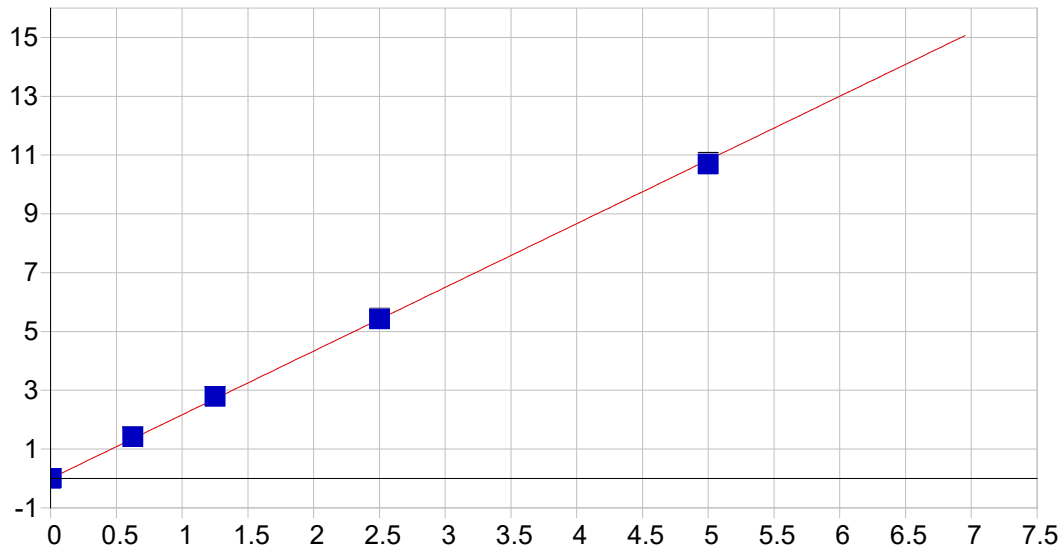
### Be 234.861 {144}

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002091 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.936360  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999726  | Status:   | OK.      |
| Std Error of Est: | 0.000170  |           |          |
| Predicted MDL:    | 0.000117  |           |          |
| Predicted MQL:    | 0.000389  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00209 | .000    | 1        |
| S1        | .00500       | .00555      | .001       | 10.9    | .00864  | .000    | 1        |
| S2        | .12500       | .13069      | .006       | 4.55    | .25034  | .001    | 1        |
| S3        | .25000       | .25875      | .009       | 3.50    | .49769  | .005    | 1        |
| S4        | .50000       | .50414      | .004       | .828    | .97161  | .005    | 1        |
| S5        | 1.0000       | .98087      | -.019      | -1.91   | 1.8922  | .012    | 1        |



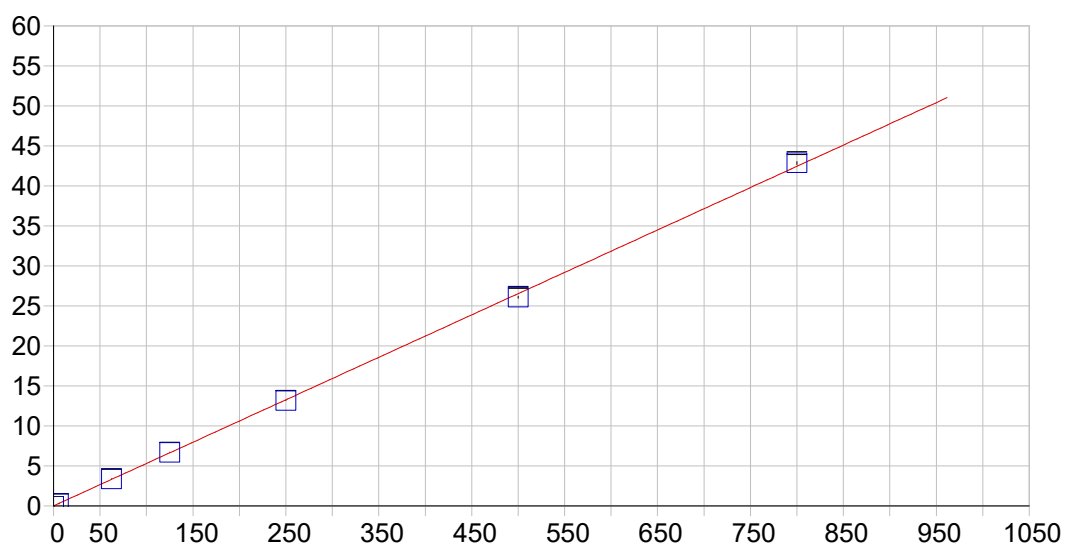


**Cd 214.438 {457}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000548 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.167139  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999837  | Status:   | OK.      |
| Std Error of Est: | 0.000329  |           |          |
| Predicted MDL:    | 0.000154  |           |          |
| Predicted MQL:    | 0.000512  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00055 | .000    | 1        |
| S1        | .00500       | .00557      | .001       | 11.3    | .01152  | .000    | 1        |
| S2        | .62500       | .65212      | .027       | 4.34    | 1.4154  | .005    | 1        |
| S3        | 1.2500       | 1.2844      | .034       | 2.75    | 2.7882  | .001    | 1        |
| S4        | 2.5000       | 2.5041      | .004       | .166    | 5.4370  | .021    | 1        |
| S5        | 5.0000       | 4.9338      | -.066      | -1.32   | 10.713  | .037    | 1        |

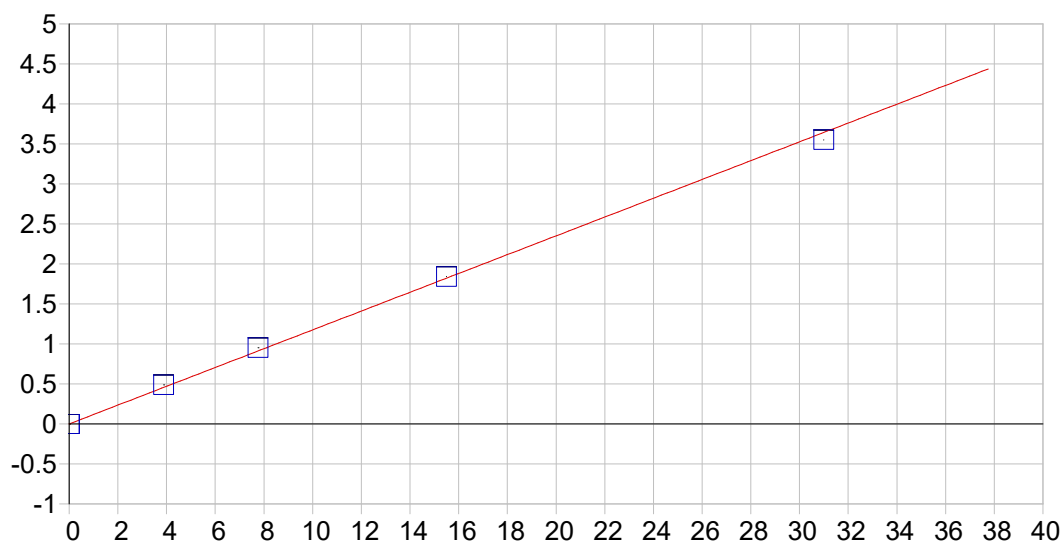


Ca 373.690 { 90}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001470 Re-Slope: 1.000000  
 A1 (Gain): 0.053061 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999914 Status: OK.  
 Std Error of Est: 0.002422  
 Predicted MDL: 0.012076  
 Predicted MQL: 0.040252

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00045     | -.000      | .000    | .00145 | .000    | 1        |
| S1        | 5.0000       | 5.3941      | .394       | 7.88    | .28768 | .002    | 1        |
| S2        | 62.500       | 63.584      | 1.08       | 1.74    | 3.3753 | .008    | 1        |
| S3        | 125.00       | 126.03      | 1.03       | .824    | 6.6888 | .014    | 1        |
| S4        | 250.00       | 248.22      | -1.78      | -.712   | 13.172 | .018    | 1        |
| S5        | 500.00       | 491.37      | -8.63      | -1.73   | 26.074 | .107    | 1        |
| S6        | 800.00       | 807.90      | 7.90       | .988    | 42.870 | .176    | 1        |

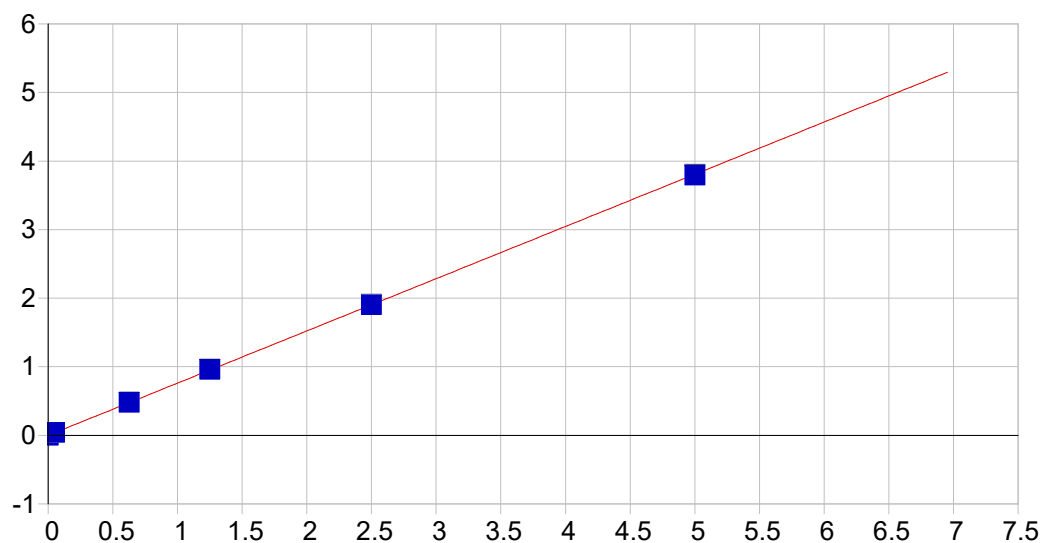


### Cr 267.716 {126}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000001 Re-Slope: 1.000000  
 A1 (Gain): 0.117533 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999502 Status: OK.  
 Std Error of Est: 0.000110  
 Predicted MDL: 0.000796  
 Predicted MQL: 0.002655

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .01000       | .01112      | .001       | 11.2    | .00131  | .000    | 1        |
| S2        | 3.8750       | 4.1513      | .276       | 7.13    | .48791  | .001    | 1        |
| S3        | 7.7500       | 8.1025      | .353       | 4.55    | .95231  | .000    | 1        |
| S4        | 15.500       | 15.665      | .165       | 1.07    | 1.8412  | .001    | 1        |
| S5        | 31.000       | 30.205      | -.795      | -2.56   | 3.5501  | .003    | 1        |

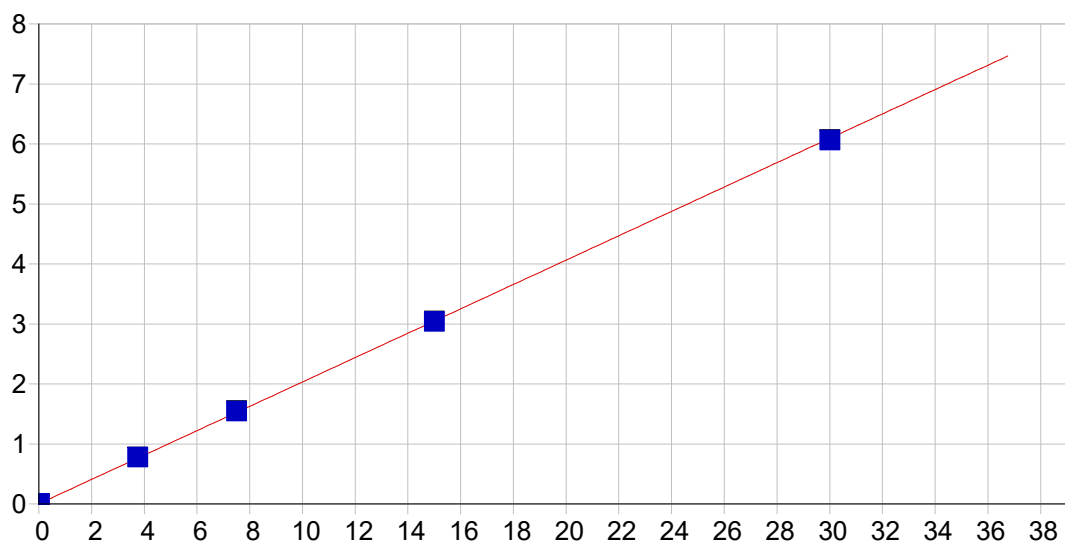


**Co 228.616 {448}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000270 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.761505  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999984  | Status:   | OK.      |
| Std Error of Est: | 0.000115  |           |          |
| Predicted MDL:    | 0.000421  |           |          |
| Predicted MQL:    | 0.001403  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00027 | .000    | 1        |
| S1        | .05000       | .05180      | .002       | 3.60    | .03931  | .000    | 1        |
| S2        | .62500       | .63064      | .006       | .902    | .48068  | .001    | 1        |
| S3        | 1.2500       | 1.2617      | .012       | .934    | .96193  | .001    | 1        |
| S4        | 2.5000       | 2.5006      | .001       | .025    | 1.9068  | .005    | 1        |
| S5        | 5.0000       | 4.9803      | -.020      | -.395   | 3.7979  | .008    | 1        |

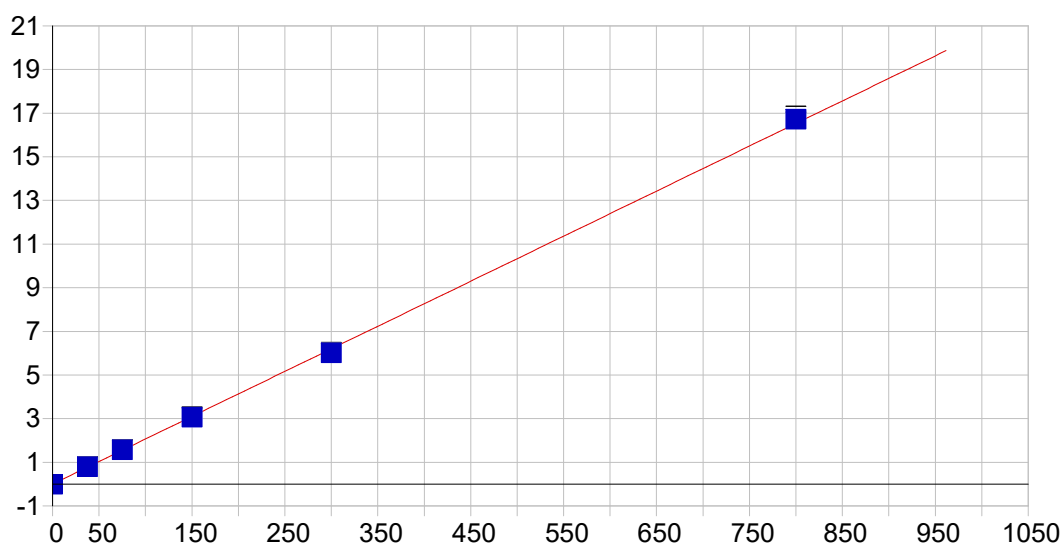


**Cu 324.754 {104}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002113 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.203048 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999966 | Status:   | OK.      |
| Std Error of Est: | 0.000076 |           |          |
| Predicted MDL:    | 0.002077 |           |          |
| Predicted MQL:    | 0.006925 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00211 | .000    | 1        |
| S1        | .02500       | .02742      | .002       | 9.70    | .00767 | .000    | 1        |
| S2        | 3.7500       | 3.8227      | .073       | 1.94    | .77727 | .002    | 1        |
| S3        | 7.5000       | 7.6011      | .101       | 1.35    | 1.5434 | .005    | 1        |
| S4        | 15.000       | 14.972      | -.028      | -.188   | 3.0380 | .005    | 1        |
| S5        | 30.000       | 29.852      | -.148      | -.493   | 6.0553 | .008    | 1        |

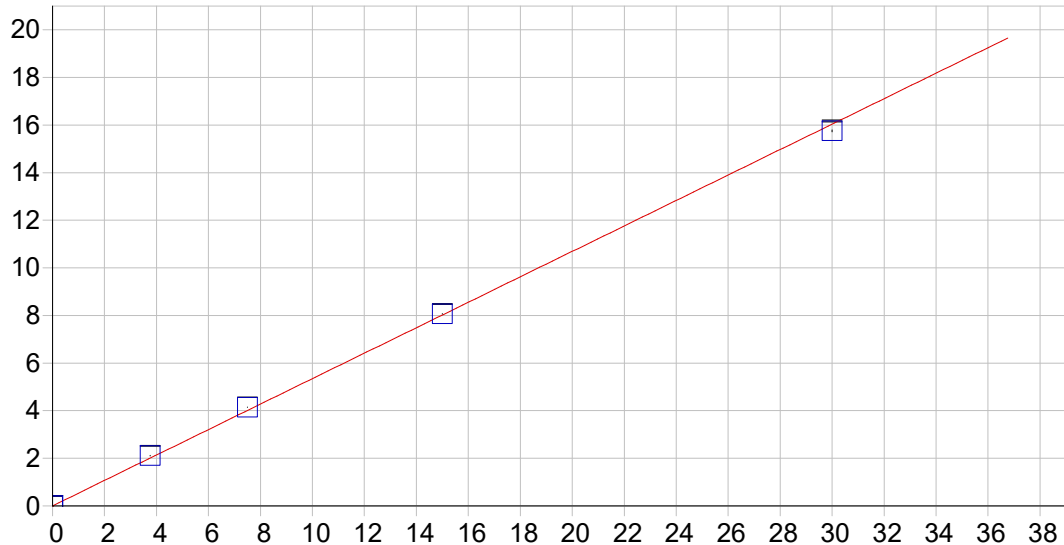


### Fe 259.837 {130}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000061 Re-Slope: 1.000000  
 A1 (Gain): 0.020660 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999834 Status: OK.  
 Std Error of Est: 0.000164  
 Predicted MDL: 0.008747  
 Predicted MQL: 0.029157

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .10000       | .10548      | .005       | 5.48    | .00225 | .000    | 1        |
| S2        | 37.500       | 38.454      | .954       | 2.55    | .79544 | .003    | 1        |
| S3        | 75.000       | 75.791      | .791       | 1.05    | 1.5677 | .014    | 1        |
| S4        | 150.00       | 148.04      | -1.96      | -1.31   | 3.0622 | .022    | 1        |
| S5        | 300.00       | 290.78      | -9.22      | -3.07   | 6.0149 | .031    | 1        |
| S6        | 800.00       | 809.44      | 9.44       | 1.18    | 16.734 | .135    | 1        |

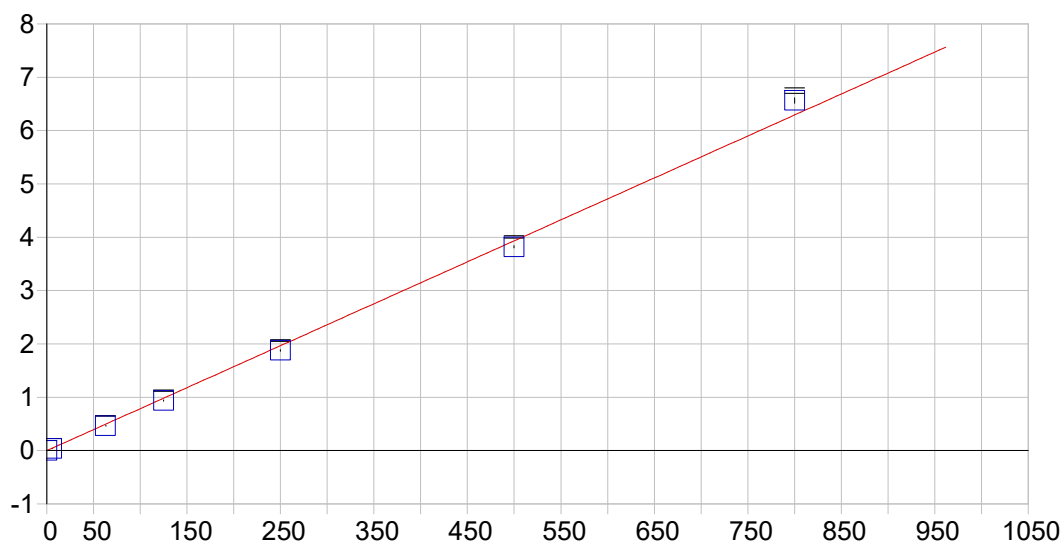


### Mn 257.610 {131}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000339 Re-Slope: 1.000000  
 A1 (Gain): 0.534666 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999745 Status: OK.  
 Std Error of Est: 0.000429  
 Predicted MDL: 0.000398  
 Predicted MQL: 0.001326

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00034 | .000    | 1        |
| S1        | .01500       | .01670      | .002       | 11.3    | .00927 | .000    | 1        |
| S2        | 3.7500       | 3.9483      | .198       | 5.29    | 2.1114 | .011    | 1        |
| S3        | 7.5000       | 7.7471      | .247       | 3.29    | 4.1424 | .006    | 1        |
| S4        | 15.000       | 15.083      | .083       | .555    | 8.0648 | .015    | 1        |
| S5        | 30.000       | 29.470      | -.530      | -1.77   | 15.757 | .044    | 1        |



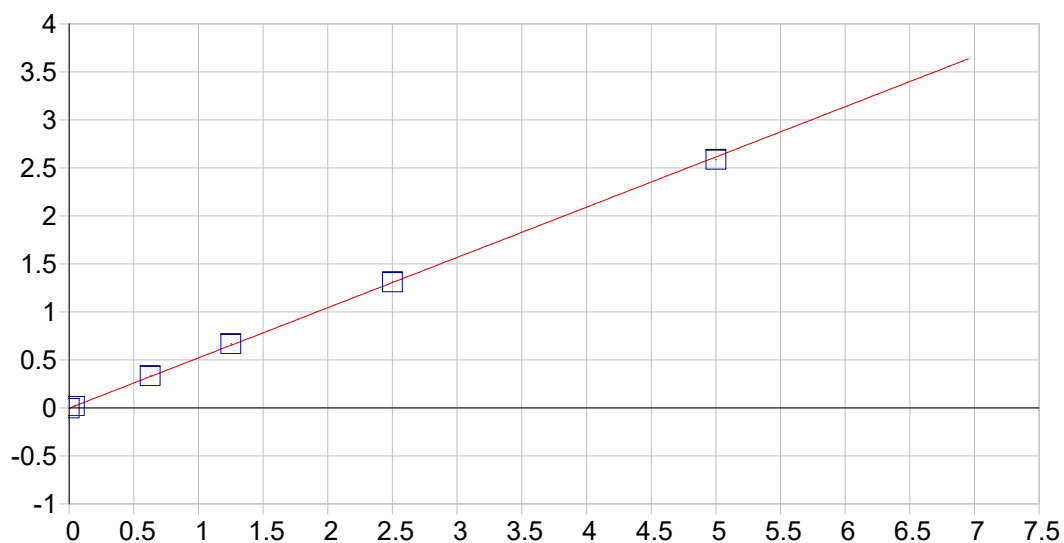
### Mg 279.079 {121}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000389 Re-Slope: 1.000000  
 A1 (Gain): 0.007865 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999182 Status: OK.  
 Std Error of Est: 0.001111  
 Predicted MDL: 0.027407  
 Predicted MQL: 0.091355

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00080      | .001       | .000    | -.00038 | .000    | 1        |
| S1        | 5.0000       | 4.8385      | -.161      | -3.23   | .03767  | .000    | 1        |
| S2        | 62.500       | 59.351      | -3.15      | -5.04   | .46643  | .000    | 1        |
| S3        | 125.00       | 119.25      | -5.75      | -4.60   | .93752  | .010    | 1        |
| S4        | 250.00       | 238.70      | -11.3      | -4.52   | 1.8771  | .015    | 1        |
| S5        | 500.00       | 485.67      | -14.3      | -2.87   | 3.8196  | .022    | 1        |
| S6        | 800.00       | 834.69      | 34.7       | 4.34    | 6.5647  | .051    | 1        |



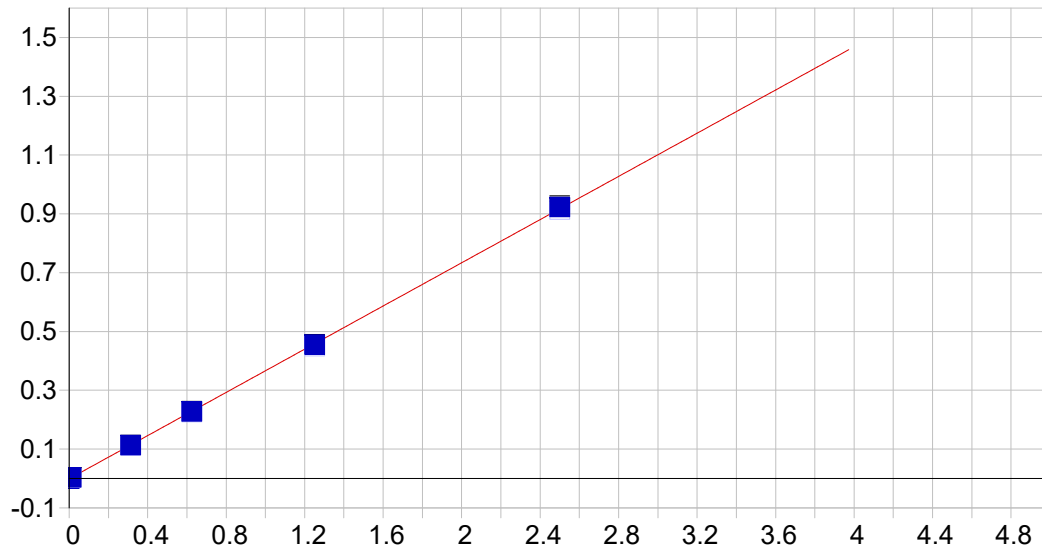


**Ni 231.604 {446}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002058 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.523224  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999902  | Status:   | OK.      |
| Std Error of Est: | 0.000174  |           |          |
| Predicted MDL:    | 0.000711  |           |          |
| Predicted MQL:    | 0.002369  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00206 | .000    | 1        |
| S1        | .04000       | .04323      | .003       | 8.07    | .02056  | .000    | 1        |
| S2        | .62500       | .64087      | .016       | 2.54    | .33326  | .000    | 1        |
| S3        | 1.2500       | 1.2763      | .026       | 2.11    | .66575  | .001    | 1        |
| S4        | 2.5000       | 2.5089      | .009       | .354    | 1.3106  | .003    | 1        |
| S5        | 5.0000       | 4.9457      | -.054      | -1.09   | 2.5857  | .004    | 1        |

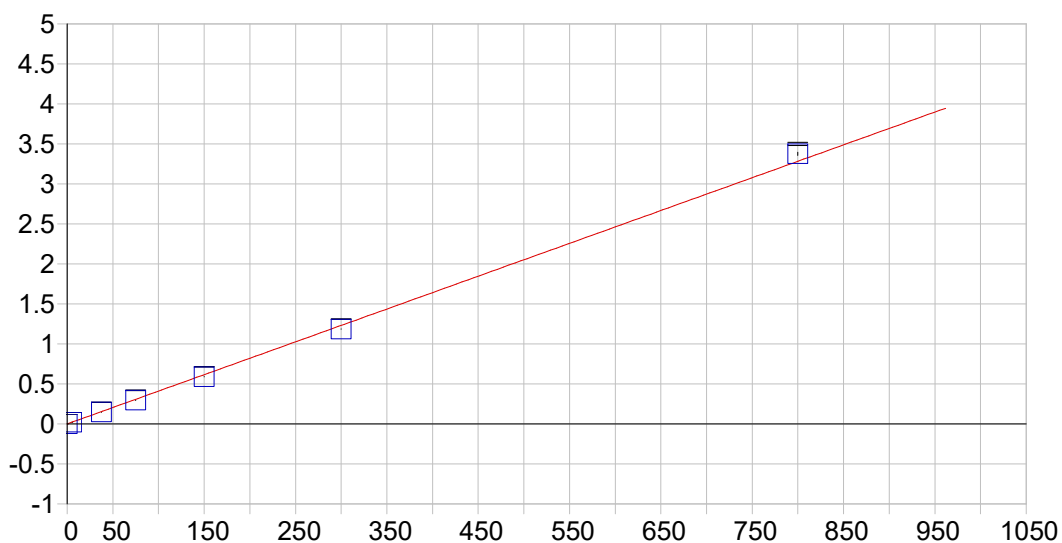


**Ag 328.068 {103}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000859 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.367411  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999975  | Status:   | OK.      |
| Std Error of Est: | 0.000022  |           |          |
| Predicted MDL:    | 0.000486  |           |          |
| Predicted MQL:    | 0.001620  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00086 | .000    | 1        |
| S1        | .01000       | .01015      | .000       | 1.49    | .00285  | .000    | 1        |
| S2        | .31250       | .30942      | -.003      | -.987   | .11160  | .000    | 1        |
| S3        | .62500       | .62205      | -.003      | -.472   | .22524  | .001    | 1        |
| S4        | 1.2500       | 1.2398      | -.010      | -.818   | .44976  | .002    | 1        |
| S5        | 2.5000       | 2.5161      | .016       | .645    | .91382  | .003    | 1        |

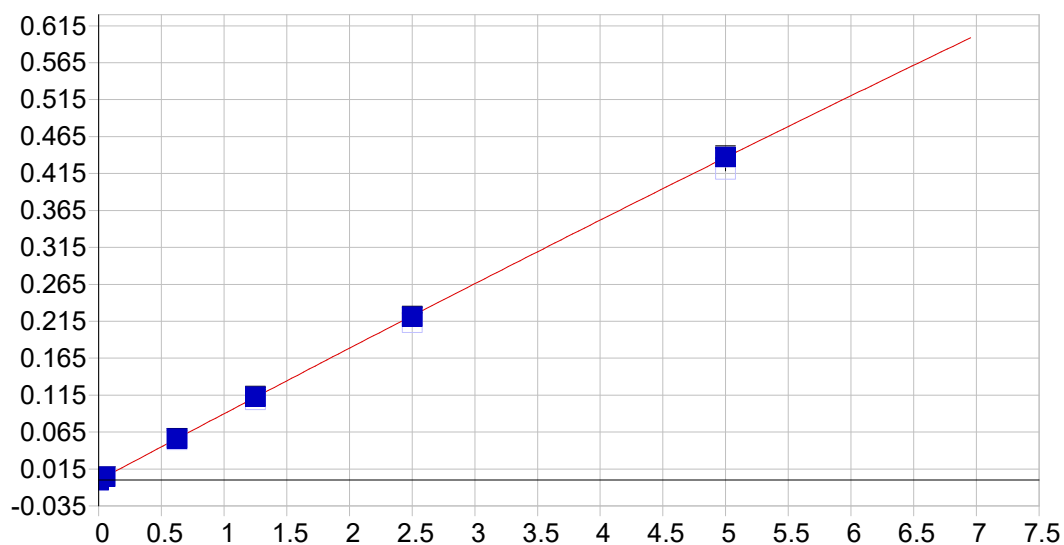


Na 818.326 { 41}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000179 Re-Slope: 1.000000  
 A1 (Gain): 0.004104 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999441 Status: OK.  
 Std Error of Est: 0.000425  
 Predicted MDL: 0.262706  
 Predicted MQL: 0.875685

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00090      | .001       | .000    | -.00018 | .001    | 1        |
| S1        | 5.0000       | 4.7779      | -.222      | -4.44   | .01943  | .001    | 1        |
| S2        | 37.500       | 35.862      | -1.64      | -4.37   | .14699  | .001    | 1        |
| S3        | 75.000       | 72.123      | -2.88      | -3.84   | .29580  | .003    | 1        |
| S4        | 150.00       | 143.53      | -6.47      | -4.31   | .58885  | .002    | 1        |
| S5        | 300.00       | 288.69      | -11.3      | -3.77   | 1.1845  | .002    | 1        |
| S6        | 800.00       | 822.52      | 22.5       | 2.81    | 3.3753  | .020    | 1        |

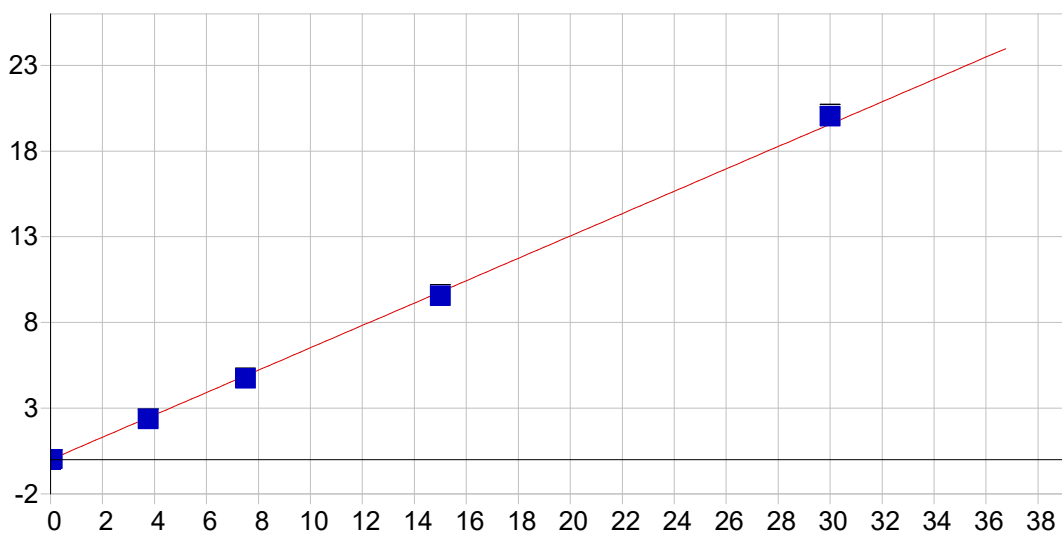


**V 292.402 {115}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Curvilinear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000230 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.090640  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000647 |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999991  | Status:   | OK.      |
| Std Error of Est: | 0.000011  |           |          |
| Predicted MDL:    | 0.002930  |           |          |
| Predicted MQL:    | 0.009766  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .05000       | .05133      | .001       | 2.65    | .00441  | .000    | 1        |
| S2        | .62500       | .62470      | -.000      | -.049   | .05405  | .000    | 1        |
| S3        | 1.2500       | 1.2573      | .007       | .586    | .10854  | .001    | 1        |
| S4        | 2.5000       | 2.4865      | -.013      | -.539   | .21281  | .001    | 1        |
| S5        | 5.0000       | 5.0051      | .005       | .102    | .42054  | .002    | 1        |

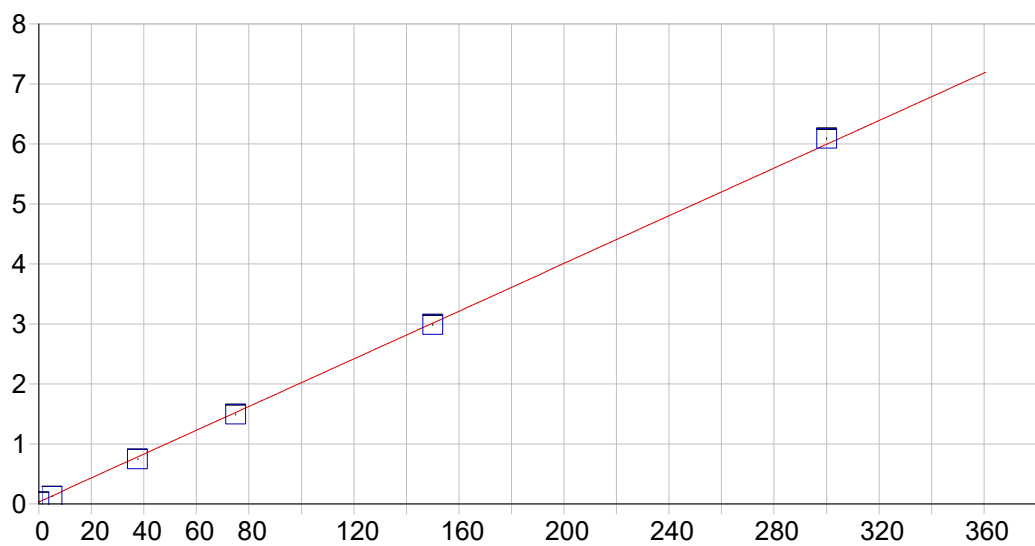


**Zn 213.856 {158}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001345 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.652246 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999677 | Status:   | OK.      |
| Std Error of Est: | 0.001180 |           |          |
| Predicted MDL:    | 0.001723 |           |          |
| Predicted MQL:    | 0.005744 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00135 | .001    | 1        |
| S1        | .06000       | .05855      | -.001      | -2.42   | .03966 | .001    | 1        |
| S2        | 3.7500       | 3.6283      | -.122      | -3.25   | 2.3698 | .008    | 1        |
| S3        | 7.5000       | 7.2610      | -.239      | -3.19   | 4.7411 | .023    | 1        |
| S4        | 15.000       | 14.653      | -.347      | -2.31   | 9.5662 | .072    | 1        |
| S5        | 30.000       | 30.709      | .709       | 2.36    | 20.047 | .107    | 1        |

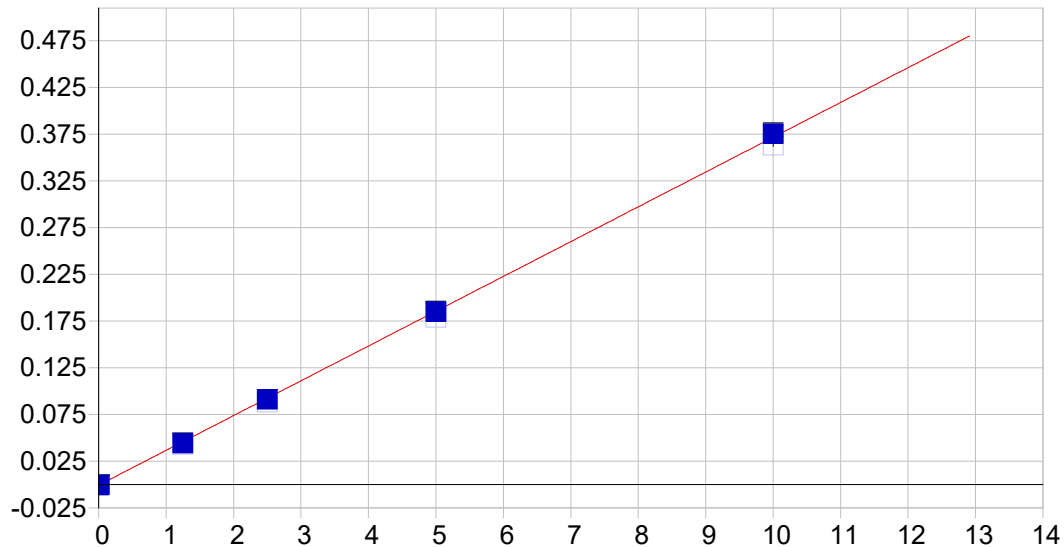


**K 769.896 { 44}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.034326 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.019864 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999813 | Status:   | OK.      |
| Std Error of Est: | 0.000792 |           |          |
| Predicted MDL:    | 0.055676 |           |          |
| Predicted MQL:    | 0.185587 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00055      | .001       | .000    | .03434 | .001    | 1        |
| S1        | 5.0000       | 4.7478      | -.252      | -5.04   | .12864 | .002    | 1        |
| S2        | 37.500       | 35.839      | -1.66      | -4.43   | .74625 | .002    | 1        |
| S3        | 75.000       | 73.331      | -1.67      | -2.23   | 1.4910 | .008    | 1        |
| S4        | 150.00       | 148.74      | -1.26      | -.841   | 2.9889 | .011    | 1        |
| S5        | 300.00       | 304.84      | 4.84       | 1.61    | 6.0898 | .013    | 1        |

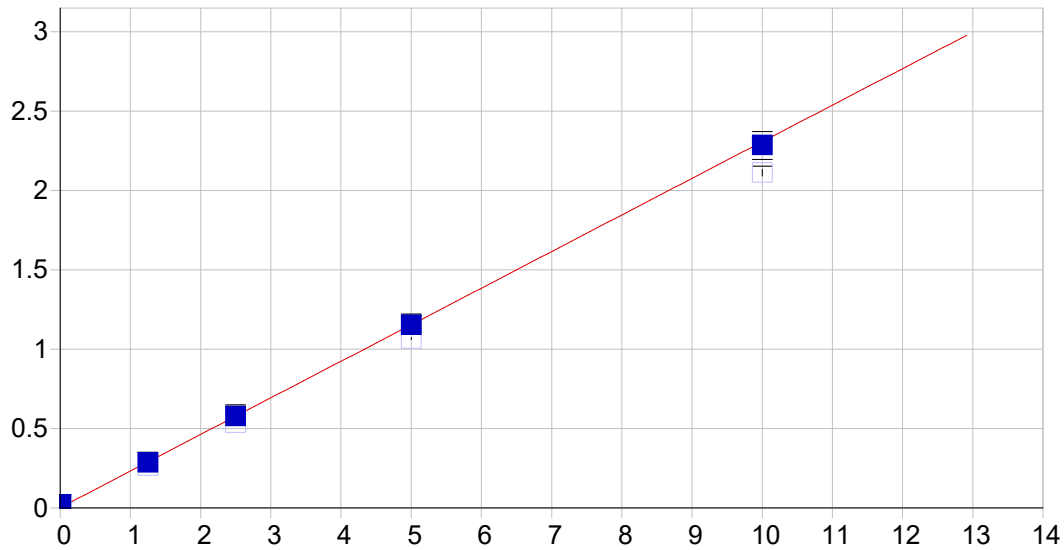


P 177.495 {490}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000678 Re-Slope: 1.000000  
 A1 (Gain): 0.037242 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999908 Status: OK.  
 Std Error of Est: 0.000008  
 Predicted MDL: 0.004683  
 Predicted MQL: 0.015609

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00068 | .000    | 1        |
| S1        | .01000       | .01126      | .001       | 12.6    | -.00027 | .000    | 1        |
| S2        | 1.2500       | 1.2069      | -.043      | -3.45   | .04273  | .000    | 1        |
| S3        | 2.5000       | 2.4607      | -.039      | -1.57   | .08789  | .000    | 1        |
| S4        | 5.0000       | 4.9849      | -.015      | -.302   | .17881  | .001    | 1        |
| S5        | 10.000       | 10.096      | .096       | .962    | .36301  | .001    | 1        |



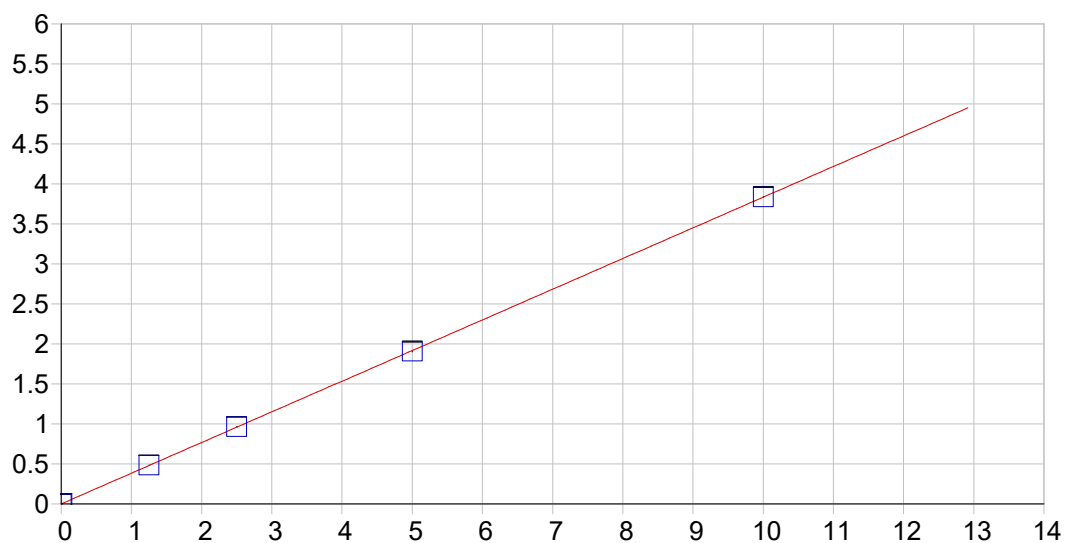
**B 249.678 {135}**

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001650 Re-Slope: 1.000000  
 A1 (Gain): 0.230555 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.976024 Status: OK.  
 Std Error of Est: 0.000797  
 Predicted MDL: 0.001190  
 Predicted MQL: 0.003966

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00009     | -.000      | .000    | .00163 | .000    | 1        |
| S1        | .01000       | .09920      | .089       | 892.    | .02449 | .000    | 1        |
| S2        | 1.2500       | 1.2380      | -.012      | -.958   | .26531 | .001    | 1        |
| S3        | 2.5000       | 2.5055      | .005       | .220    | .53575 | .007    | 1        |
| S4        | 5.0000       | 4.9991      | -.001      | -.019   | 1.0671 | .006    | 1        |
| S5        | 10.000       | 9.9124      | -.088      | -.876   | 2.1128 | .021    | 1        |



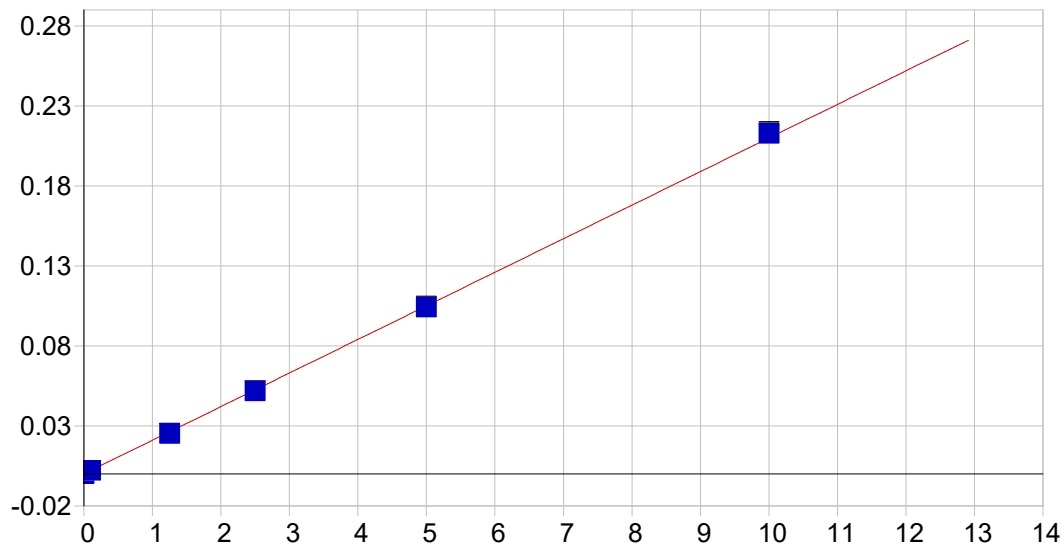


**Mo 202.030 {467}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000534 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.383310 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999992 | Status:   | OK.      |
| Std Error of Est: | 0.000025 |           |          |
| Predicted MDL:    | 0.000659 |           |          |
| Predicted MQL:    | 0.002195 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00053 | .000    | 1        |
| S1        | .01000       | .01059      | .001       | 5.95    | .00460 | .000    | 1        |
| S2        | 1.2500       | 1.2578      | .008       | .621    | .48265 | .001    | 1        |
| S3        | 2.5000       | 2.5113      | .011       | .450    | .96313 | .001    | 1        |
| S4        | 5.0000       | 4.9730      | -.027      | -.539   | 1.9068 | .006    | 1        |
| S5        | 10.000       | 10.007      | .007       | .073    | 3.8364 | .006    | 1        |

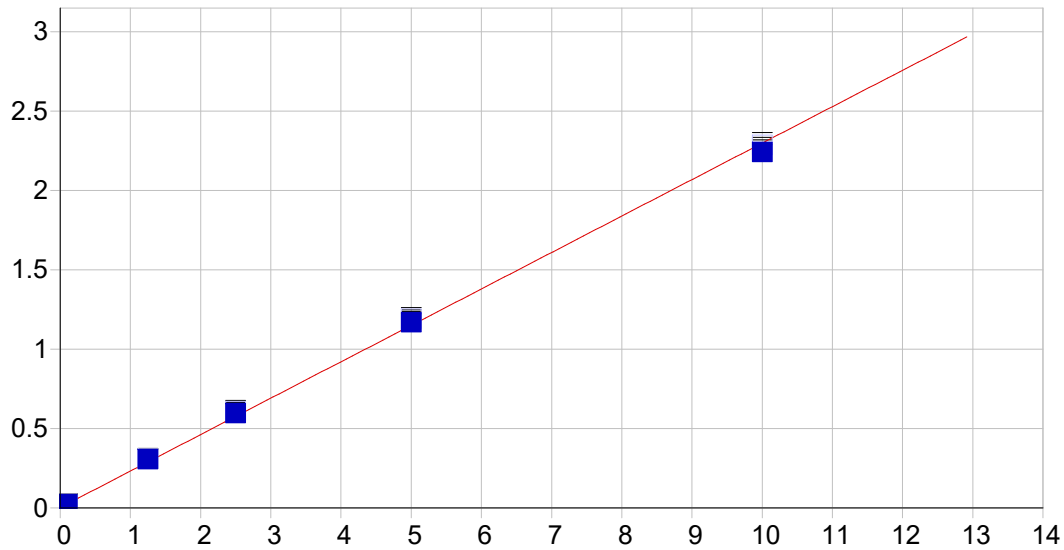


**S 182.034 {485}**

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000080 Re-Slope: 1.000000  
 A1 (Gain): 0.020987 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999850 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.007925  
 Predicted MQL: 0.026417

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00008 | .000    | 1        |
| S1        | .10000       | .09914      | -.001      | -.857   | .00216 | .000    | 1        |
| S2        | 1.2500       | 1.1924      | -.058      | -4.61   | .02510 | .000    | 1        |
| S3        | 2.5000       | 2.4601      | -.040      | -1.60   | .05170 | .000    | 1        |
| S4        | 5.0000       | 4.9578      | -.042      | -.844   | .10411 | .001    | 1        |
| S5        | 10.000       | 10.141      | .141       | 1.41    | .21287 | .001    | 1        |

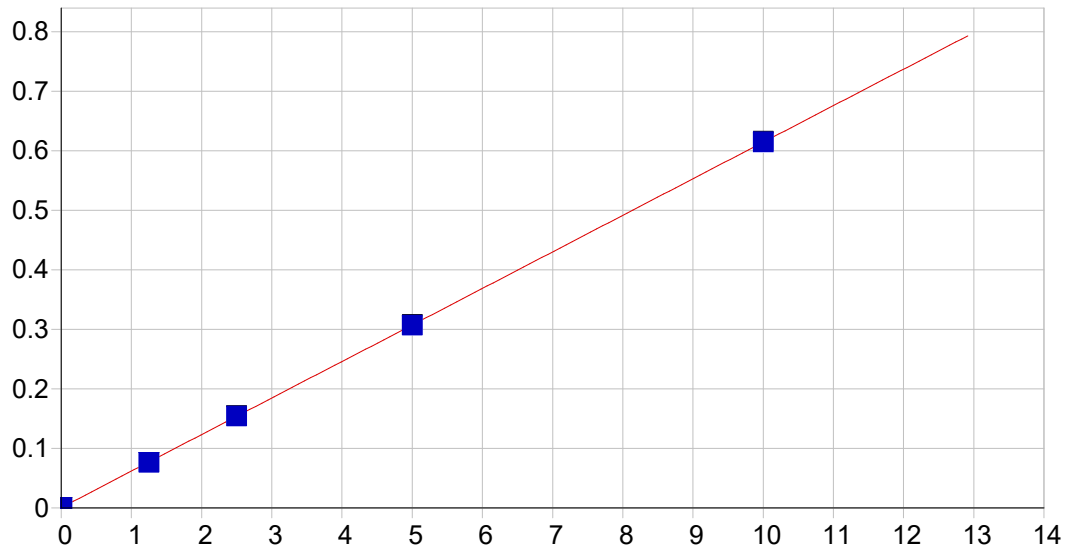


Si 251.611 {134}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002373 Re-Slope: 1.000000  
 A1 (Gain): 0.229620 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999620 Status: OK.  
 Std Error of Est: 0.000343  
 Predicted MDL: 0.001257  
 Predicted MQL: 0.004189

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00237 | .000    | 1        |
| S1        | .10000       | .09880      | -.001      | -1.20   | .02531 | .000    | 1        |
| S2        | 1.2500       | 1.3203      | .070       | 5.63    | .31114 | .001    | 1        |
| S3        | 2.5000       | 2.5934      | .093       | 3.74    | .60906 | .007    | 1        |
| S4        | 5.0000       | 5.0832      | .083       | 1.66    | 1.1920 | .007    | 1        |
| S5        | 10.000       | 9.7543      | -.246      | -2.46   | 2.2869 | .015    | 1        |

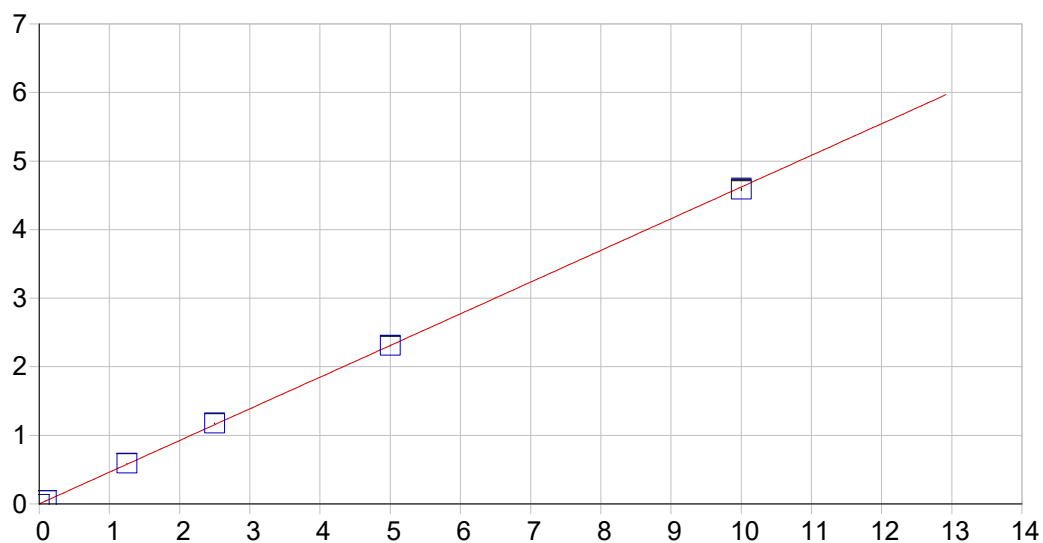


**Sn 189.989 {478}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000415 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.061409 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999978 | Status:   | OK.      |
| Std Error of Est: | 0.000006 |           |          |
| Predicted MDL:    | 0.002544 |           |          |
| Predicted MQL:    | 0.008481 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00041 | .000    | 1        |
| S1        | .00700       | .00488      | -.002      | -30.3   | .00070 | .000    | 1        |
| S2        | 1.2500       | 1.2375      | -.013      | -1.00   | .07620 | .000    | 1        |
| S3        | 2.5000       | 2.5075      | .007       | .300    | .15398 | .001    | 1        |
| S4        | 5.0000       | 4.9966      | -.003      | -.068   | .30642 | .001    | 1        |
| S5        | 10.000       | 10.010      | .010       | .105    | .61348 | .001    | 1        |

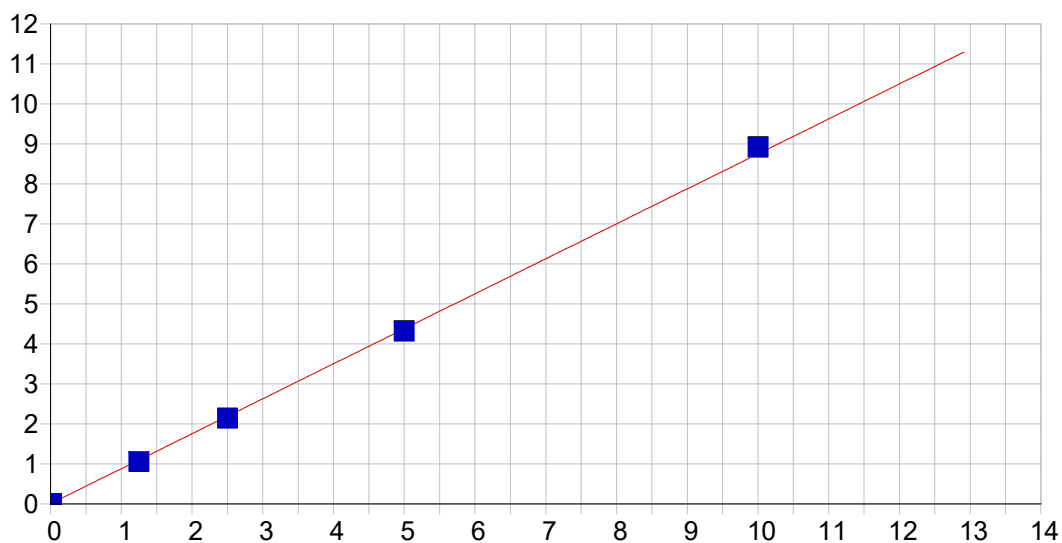


**Ti 336.121 {100}**

Date of Fit: 07/28/2021 17:51:58      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000705 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.461978 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999940 | Status:   | OK.      |
| Std Error of Est: | 0.000269 |           |          |
| Predicted MDL:    | 0.001012 |           |          |
| Predicted MQL:    | 0.003375 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00070 | .000    | 1        |
| S1        | .10000       | .10507      | .005       | 5.07    | .04924 | .001    | 1        |
| S2        | 1.2500       | 1.2787      | .029       | 2.29    | .59142 | .001    | 1        |
| S3        | 2.5000       | 2.5442      | .044       | 1.77    | 1.1761 | .006    | 1        |
| S4        | 5.0000       | 4.9974      | -.003      | -.053   | 2.3094 | .008    | 1        |
| S5        | 10.000       | 9.9247      | -.075      | -.753   | 4.5857 | .019    | 1        |

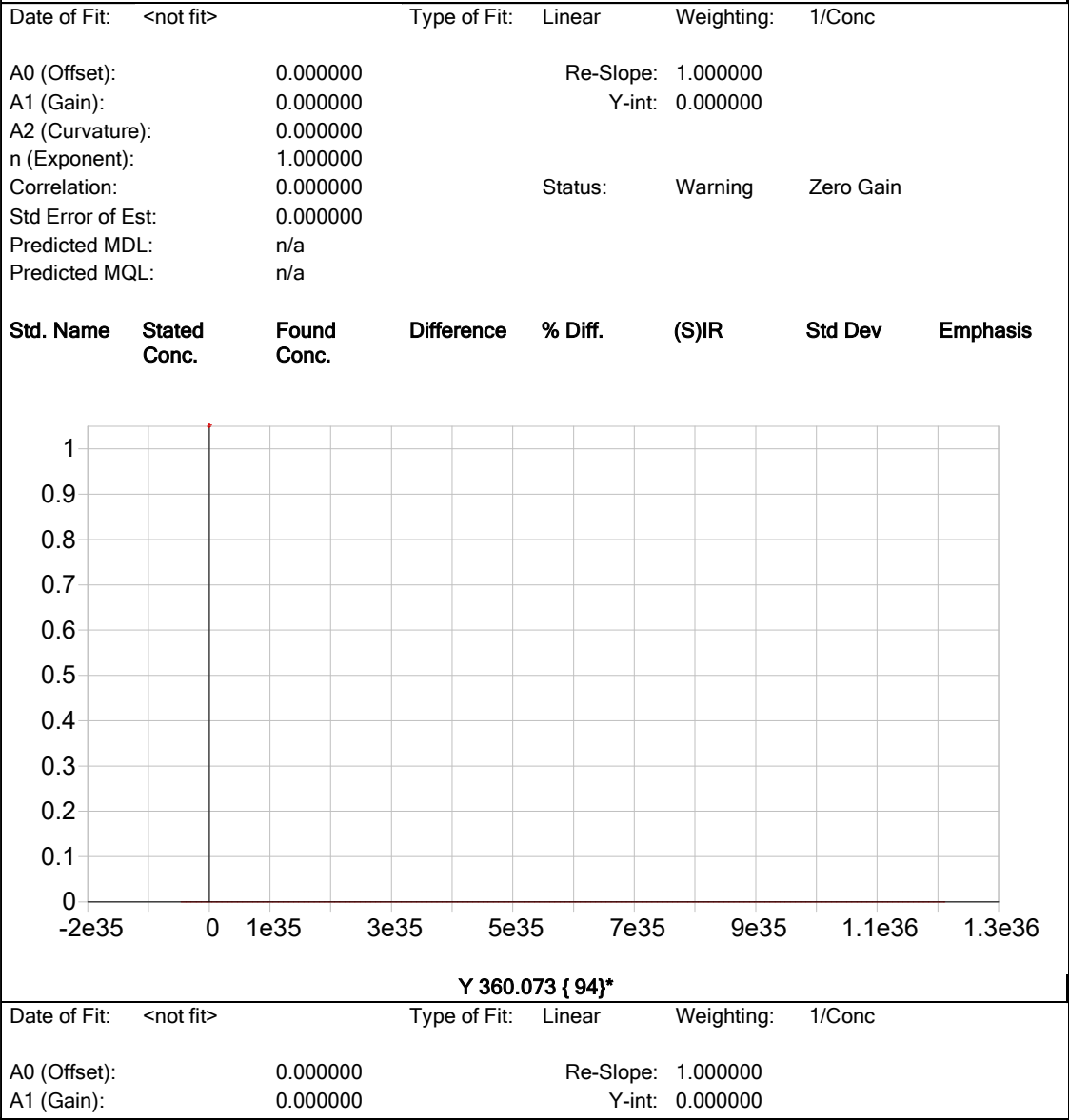
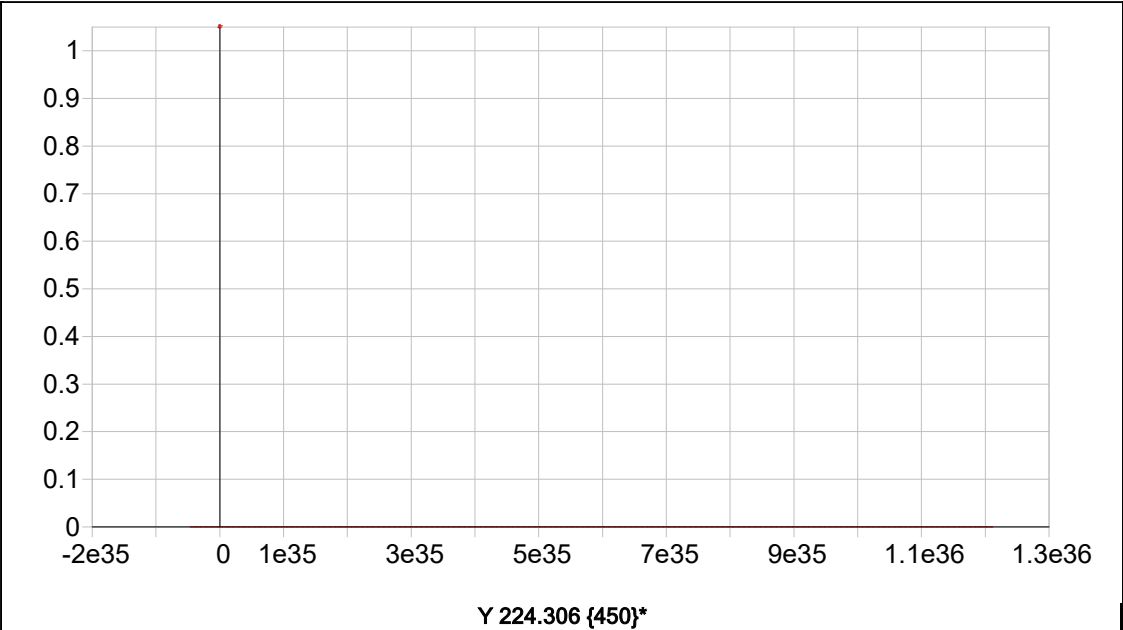


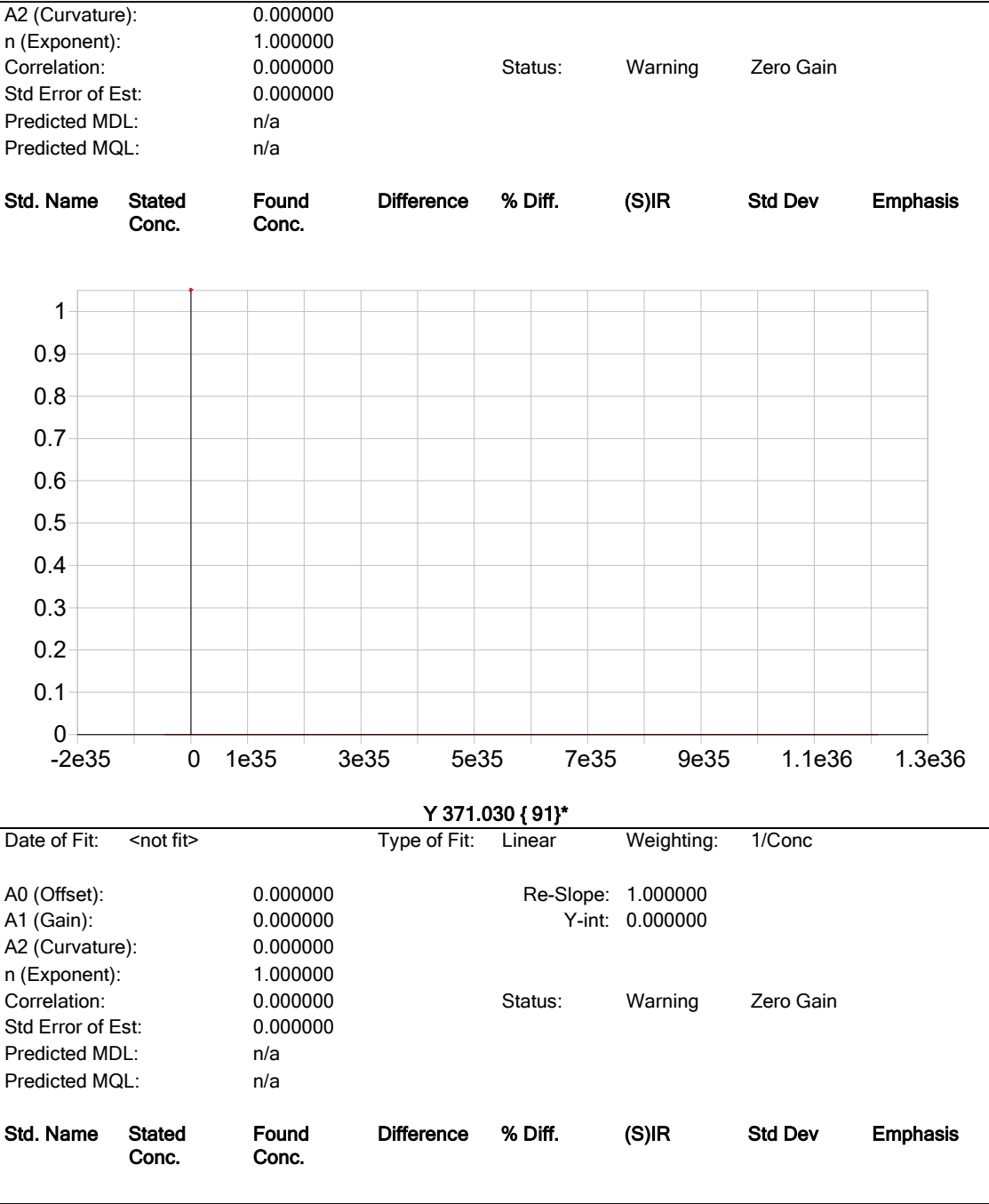
Li 670.784 { 50}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

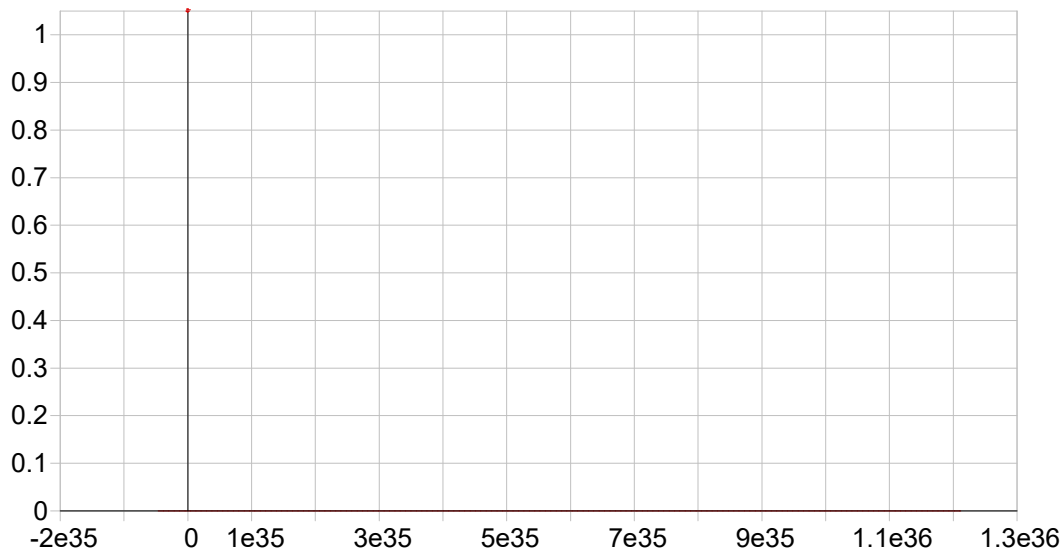
A0 (Offset): 0.006158 Re-Slope: 1.000000  
 A1 (Gain): 0.874444 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999791 Status: OK.  
 Std Error of Est: 0.000367  
 Predicted MDL: 0.001329  
 Predicted MQL: 0.004432

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00616 | .001    | 1        |
| S5        | 10.000       | 10.183      | .183       | 1.83    | 8.9013 | .018    | 1        |
| S4        | 5.0000       | 4.9275      | -.072      | -1.45   | 4.3103 | .010    | 1        |
| S3        | 2.5000       | 2.4383      | -.062      | -2.47   | 2.1360 | .009    | 1        |
| S2        | 1.2500       | 1.2011      | -.049      | -3.91   | 1.0553 | .002    | 1        |
| S1        | .01500       | .01491      | -.000      | -.601   | .01912 | .000    | 1        |









**Y 224.306 {150}\***

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

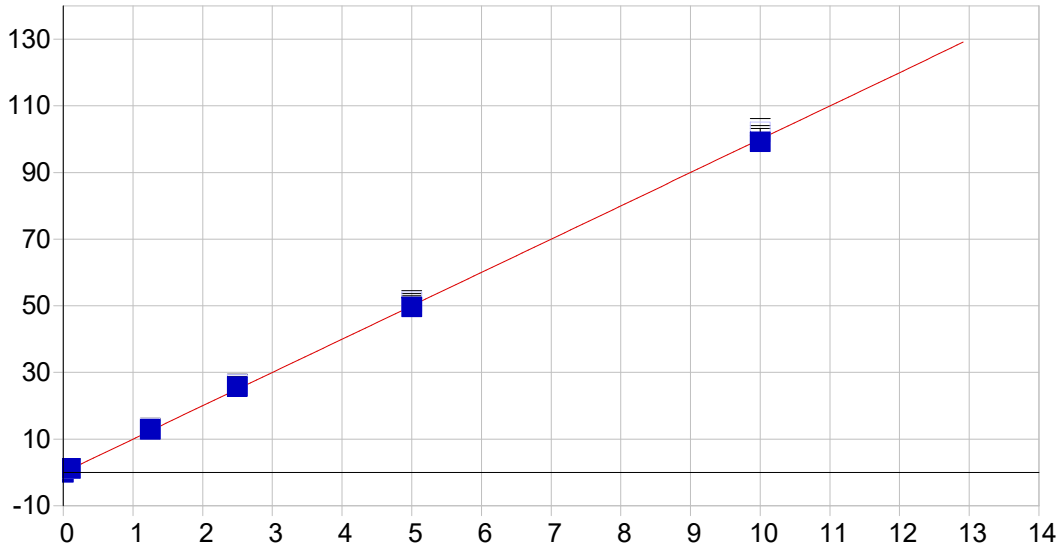
**In 230.606 {446}\***

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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 07/28/2021 17:51:58 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001328 Re-Slope: 1.000000  
 A1 (Gain): 9.998572 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999874 Status: OK.  
 Std Error of Est: 0.008696  
 Predicted MDL: 0.000068  
 Predicted MQL: 0.000228

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00147 | .000    | 1        |
| S1        | .10000       | .10952      | .010       | 9.52    | 1.0947  | .009    | 1        |
| S2        | 1.2500       | 1.2897      | .040       | 3.18    | 13.269  | .009    | 1        |
| S3        | 2.5000       | 2.5696      | .070       | 2.78    | 26.441  | .076    | 1        |
| S4        | 5.0000       | 4.9643      | -.036      | -.714   | 51.134  | .422    | 1        |
| S5        | 10.000       | 9.9171      | -.083      | -.829   | 102.16  | 1.08    | 1        |

Sample Name: S0      Acquired: 07/28/2021 12:56:46      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S0      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00054 | -.00144 | .00090  | .00120  | .00042  | .00145  | -.01844 | -.00209 |
| Stddev | .00012  | .00009  | .00027  | .00019  | .00020  | .00034  | .00257  | .00014  |
| %RSD   | 21.810  | 6.0782  | 30.501  | 15.662  | 46.112  | 23.453  | 13.916  | 6.4779  |
| #1     | -.00060 | -.00153 | .00105  | .00140  | .00052  | .00185  | -.01671 | -.00213 |
| #2     | -.00041 | -.00141 | .00107  | .00103  | .00020  | .00127  | -.02139 | -.00194 |
| #3     | -.00062 | -.00136 | .00058  | .00116  | .00056  | .00124  | -.01722 | -.00221 |
| 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    | -.00055 | .00145  | -.00000 | -.00027 | .00211  | .00006  | .00034  | -.00038 |
| Stddev | .00024  | .00024  | .00008  | .00030  | .00018  | .00007  | .00016  | .00019  |
| %RSD   | 43.128  | 16.653  | 5490.4  | 112.25  | 8.7078  | 110.98  | 46.962  | 49.183  |
| #1     | -.00075 | .00120  | .00003  | -.00044 | .00228  | -.00002 | .00049  | -.00055 |
| #2     | -.00029 | .00168  | -.00009 | -.00046 | .00214  | .00011  | .00017  | -.00018 |
| #3     | -.00061 | .00146  | .00005  | .00008  | .00192  | .00008  | .00036  | -.00041 |
| 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    | -.00206 | -.00086 | -.00018 | -.00023 | .00135  | .03434  | -.00068 | .00163  |
| Stddev | .00029  | .00007  | .00080  | .00033  | .00149  | .00051  | .00009  | .00023  |
| %RSD   | 14.040  | 8.1001  | 455.80  | 142.85  | 110.23  | 1.4880  | 13.747  | 13.859  |
| #1     | -.00236 | -.00085 | -.00043 | .00015  | -.00035 | .03378  | -.00057 | .00170  |
| #2     | -.00205 | -.00093 | -.00082 | -.00041 | .00243  | .03478  | -.00074 | .00181  |
| #3     | -.00178 | -.00079 | .00072  | -.00043 | .00196  | .03445  | -.00072 | .00138  |
| 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    | .00053  | .00008  | .00237  | .00041  | .00070  | .00616  | -.00147 |         |
| Stddev | .00038  | .00014  | .00007  | .00015  | .00020  | .00092  | .00020  |         |
| %RSD   | 71.024  | 178.27  | 3.1559  | 35.662  | 28.367  | 14.875  | 13.595  |         |
| #1     | .00096  | .00021  | .00235  | .00055  | .00048  | .00525  | -.00144 |         |
| #2     | .00039  | -.00007 | .00231  | .00044  | .00086  | .00708  | -.00168 |         |
| #3     | .00025  | .00010  | .00245  | .00026  | .00077  | .00615  | -.00128 |         |

Sample Name: S0      Acquired: 07/28/2021 12:56:46      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S0      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1750.8 | 31410. | 9317.3 | 940.31 | 2121.2 |
| Stddev    | .2     | 44.    | 17.4   | 3.58   | 2.1    |
| %RSD      | .01036 | .13889 | .18647 | .38094 | .09820 |
|           |        |        |        |        |        |
| #1        | 1750.9 | 31396. | 9303.5 | 936.20 | 2120.3 |
| #2        | 1750.9 | 31376. | 9311.6 | 941.90 | 2123.6 |
| #3        | 1750.6 | 31459. | 9336.8 | 942.82 | 2119.7 |

Sample Name: S1      Acquired: 07/28/2021 13:00:54      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S01      Custom ID2:      Custom ID3:  
 Comment:

|        |         |         |        |        |        |        |        |        |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | -.00027 | -.00016 | .00275 | .00413 | .00861 | .01623 | .63895 | .00864 |
| Stddev | .00029  | .00025  | .00054 | .00028 | .00013 | .00021 | .00500 | .00026 |
| %RSD   | 110.09  | 156.28  | 19.648 | 6.8660 | 1.5062 | 1.2701 | .78326 | 2.9926 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00000 | -.00009 | .00223 | .00394 | .00856 | .01634 | .63332 | .00877 |
| #2 | -.00022 | .00005  | .00331 | .00400 | .00876 | .01637 | .64062 | .00881 |
| #3 | -.00058 | -.00045 | .00270 | .00446 | .00852 | .01600 | .64290 | .00834 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01152 | .28768 | .00131 | .03931 | .00767 | .00225 | .00927 | .03767 |
| Stddev | .00008 | .00241 | .00005 | .00042 | .00032 | .00011 | .00013 | .00035 |
| %RSD   | .72381 | .83926 | 3.9501 | 1.0737 | 4.2116 | 5.0010 | 1.3533 | .94234 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01146 | .28496 | .00126 | .03883 | .00742 | .00235 | .00919 | .03726 |
| #2 | .01162 | .28856 | .00129 | .03962 | .00756 | .00227 | .00941 | .03785 |
| #3 | .01150 | .28954 | .00136 | .03948 | .00803 | .00213 | .00919 | .03790 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .02056 | .00285 | .01943 | .00441 | .03966 | .12864 | -.00027 | .02449 |
| Stddev | .00033 | .00011 | .00084 | .00017 | .00079 | .00165 | .00005  | .00012 |
| %RSD   | 1.6248 | 4.0114 | 4.3465 | 3.8830 | 1.9944 | 1.2788 | 19.442  | .48684 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02024 | .00291 | .01970 | .00439 | .03887 | .12676 | -.00023 | .02462 |
| #2 | .02054 | .00291 | .01848 | .00425 | .04046 | .12984 | -.00024 | .02446 |
| #3 | .02090 | .00271 | .02011 | .00459 | .03964 | .12931 | -.00033 | .02438 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .00460 | .00216 | .02531 | .00070 | .04924 | .01912 | 1.0947 |  |
| Stddev | .00016 | .00007 | .00041 | .00006 | .00056 | .00040 | .0090  |  |
| %RSD   | 3.3904 | 3.1499 | 1.6128 | 7.8635 | 1.1368 | 2.0718 | .81823 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00443 | .00216 | .02548 | .00076 | .04868 | .01883 | 1.0845 |  |
| #2 | .00461 | .00223 | .02561 | .00067 | .04980 | .01957 | 1.0982 |  |
| #3 | .00474 | .00209 | .02485 | .00067 | .04924 | .01897 | 1.1014 |  |

Sample Name: S1      Acquired: 07/28/2021 13:00:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S01      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1743.8 | 31579. | 9282.0 | 945.95 | 2139.1 |
| Stddev    | 1.5    | 64.    | 47.9   | .34    | 2.1    |
| %RSD      | .08479 | .20170 | .51557 | .03619 | .10040 |
| #1        | 1742.7 | 31635. | 9320.9 | 945.82 | 2137.0 |
| #2        | 1745.5 | 31591. | 9228.5 | 945.69 | 2141.3 |
| #3        | 1743.2 | 31510. | 9296.6 | 946.34 | 2139.1 |

Sample Name: S2      Acquired: 07/28/2021 13:05:01      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .04474 | .06539 | 1.1440 | .09749 | .16517 | 2.7259 | 7.9697 | .25034 |
| Stddev | .00014 | .00059 | .0014  | .00056 | .00018 | .0049  | .0287  | .00131 |
| %RSD   | .31652 | .90228 | .12209 | .57164 | .10682 | .17992 | .35967 | .52275 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04490 | .06570 | 1.1432 | .09686 | .16500 | 2.7229 | 7.9830 | .25035 |
| #2 | .04463 | .06471 | 1.1432 | .09791 | .16535 | 2.7316 | 7.9893 | .25165 |
| #3 | .04470 | .06576 | 1.1457 | .09771 | .16517 | 2.7233 | 7.9368 | .24903 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4154 | 3.3753 | .48791 | .48068 | .77727 | .79544 | 2.1114 | .46643 |
| Stddev | .0053  | .0075  | .00091 | .00119 | .00246 | .00322 | .0114  | .00042 |
| %RSD   | .37612 | .22340 | .18574 | .24731 | .31709 | .40518 | .53905 | .09039 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4136 | 3.3796 | .48769 | .48162 | .77505 | .79263 | 2.1227 | .46598 |
| #2 | 1.4111 | 3.3798 | .48890 | .47934 | .77992 | .79896 | 2.1114 | .46682 |
| #3 | 1.4213 | 3.3666 | .48713 | .48107 | .77684 | .79473 | 2.1000 | .46647 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .33326 | .11160 | .14699 | .05405 | 2.3698 | .74625 | .04273 | .26531 |
| Stddev | .00042 | .00022 | .00134 | .00038 | .0078  | .00188 | .00023 | .00071 |
| %RSD   | .12474 | .19734 | .91104 | .69737 | .33061 | .25226 | .54720 | .26699 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33374 | .11171 | .14549 | .05373 | 2.3705 | .74835 | .04251 | .26591 |
| #2 | .33303 | .11175 | .14806 | .05397 | 2.3773 | .74570 | .04270 | .26549 |
| #3 | .33301 | .11135 | .14742 | .05447 | 2.3617 | .74471 | .04298 | .26452 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .48265 | .02510 | .31114 | .07620 | .59142 | 1.0553 | 13.269 |
| Stddev | .00056 | .00021 | .00108 | .00004 | .00123 | .0017  | .009   |
| %RSD   | .11641 | .84402 | .34620 | .05763 | .20718 | .16293 | .06799 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48232 | .02486 | .31146 | .07622 | .59025 | 1.0569 | 13.279 |
| #2 | .48330 | .02526 | .31203 | .07615 | .59270 | 1.0555 | 13.261 |
| #3 | .48233 | .02518 | .30994 | .07622 | .59132 | 1.0535 | 13.268 |

Sample Name: S2      Acquired: 07/28/2021 13:05:01      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S02      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1682.6 | 31405. | 9321.9 | 920.76 | 2052.9 |
| Stddev    | 1.9    | 92.    | 40.1   | 2.99   | 2.8    |
| %RSD      | .11058 | .29163 | .43052 | .32477 | .13832 |
| #1        | 1683.1 | 31472. | 9303.1 | 918.51 | 2052.0 |
| #2        | 1680.5 | 31300. | 9294.7 | 919.60 | 2056.1 |
| #3        | 1684.2 | 31442. | 9368.0 | 924.15 | 2050.6 |



Sample Name: S3      Acquired: 07/28/2021 13:08:53      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S03      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .09060 | .13251 | 2.2985 | .19389 | .33265 | 5.4918 | 15.939 | .49769 |
| Stddev | .00065 | .00022 | .0028  | .00053 | .00082 | .0283  | .044   | .00527 |
| %RSD   | .72005 | .16664 | .12098 | .27152 | .24562 | .51463 | .27825 | 1.0580 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08993 | .13272 | 2.2994 | .19337 | .33175 | 5.4630 | 15.954 | .49164 |
| #2 | .09063 | .13228 | 2.2954 | .19442 | .33285 | 5.5195 | 15.974 | .50121 |
| #3 | .09124 | .13253 | 2.3008 | .19388 | .33334 | 5.4928 | 15.889 | .50023 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7882 | 6.6888 | .95231 | .96193 | 1.5434 | 1.5677 | 4.1424 | .93752 |
| Stddev | .0008  | .0137  | .00040 | .00059 | .0054  | .0143  | .0056  | .01003 |
| %RSD   | .02679 | .20543 | .04182 | .06152 | .35030 | .91223 | .13492 | 1.0699 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7876 | 6.6744 | .95277 | .96130 | 1.5375 | 1.5543 | 4.1408 | .92730 |
| #2 | 2.7880 | 6.7018 | .95213 | .96202 | 1.5481 | 1.5828 | 4.1378 | .94735 |
| #3 | 2.7890 | 6.6900 | .95204 | .96247 | 1.5447 | 1.5661 | 4.1487 | .93791 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .66575 | .22524 | .29580 | .10854 | 4.7411 | 1.4910 | .08789 | .53575 |
| Stddev | .00057 | .00062 | .00266 | .00092 | .0230  | .0077  | .00022 | .00664 |
| %RSD   | .08565 | .27581 | .89765 | .85185 | .48454 | .51598 | .24504 | 1.2390 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66603 | .22569 | .29362 | .10748 | 4.7645 | 1.4848 | .08786 | .52811 |
| #2 | .66614 | .22551 | .29876 | .10913 | 4.7403 | 1.4996 | .08811 | .54005 |
| #3 | .66510 | .22454 | .29502 | .10902 | 4.7186 | 1.4886 | .08768 | .53910 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .96313 | .05170 | .60906 | .15398 | 1.1761 | 2.1360 | 26.441 |
| Stddev | .00067 | .00033 | .00699 | .00062 | .0065  | .0086  | .076   |
| %RSD   | .06958 | .64337 | 1.1473 | .40420 | .55224 | .40348 | .28770 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .96301 | .05204 | .60165 | .15468 | 1.1693 | 2.1329 | 26.424 |
| #2 | .96252 | .05169 | .61553 | .15375 | 1.1823 | 2.1457 | 26.524 |
| #3 | .96385 | .05138 | .61001 | .15350 | 1.1766 | 2.1293 | 26.374 |

Sample Name: S3      Acquired: 07/28/2021 13:08:53      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S03      Custom ID2:      Custom ID3:  
 Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1626.7 | 30993. | 9191.8 | 892.52 | 1965.6 |
| Stddev    | 3.3    | 91.    | 75.7   | 5.81   | 2.2    |
| %RSD      | .20428 | .29405 | .82338 | .65097 | .10978 |
| #1        | 1624.6 | 30904. | 9240.7 | 886.29 | 1963.3 |
| #2        | 1630.5 | 30990. | 9104.6 | 893.49 | 1966.1 |
| #3        | 1624.9 | 31087. | 9230.1 | 897.78 | 1967.5 |

Sample Name: S4      Acquired: 07/28/2021 13:12:45      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .17904 | .26105 | 4.5352 | .37044 | .65502 | 11.022 | 31.110 | .97161 |
| Stddev | .00073 | .00040 | .0067  | .00056 | .00056 | .027   | .239   | .00525 |
| %RSD   | .40749 | .15163 | .14829 | .15172 | .08531 | .24261 | .76971 | .54080 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17840 | .26084 | 4.5316 | .37074 | .65438 | 11.012 | 30.892 | .97062 |
| #2 | .17983 | .26080 | 4.5311 | .36979 | .65541 | 11.001 | 31.072 | .96693 |
| #3 | .17888 | .26151 | 4.5430 | .37078 | .65527 | 11.052 | 31.366 | .97729 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.4370 | 13.172 | 1.8412 | 1.9068 | 3.0380 | 3.0622 | 8.0648 | 1.8771 |
| Stddev | .0214  | .018   | .0009  | .0048  | .0053  | .0220  | .0147  | .0148  |
| %RSD   | .39382 | .13782 | .05126 | .25067 | .17371 | .71944 | .18225 | .78706 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4185 | 13.157 | 1.8423 | 1.9025 | 3.0320 | 3.0533 | 8.0499 | 1.8688 |
| #2 | 5.4320 | 13.168 | 1.8406 | 1.9061 | 3.0401 | 3.0459 | 8.0651 | 1.8683 |
| #3 | 5.4605 | 13.192 | 1.8406 | 1.9119 | 3.0418 | 3.0872 | 8.0793 | 1.8941 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3106 | .44976 | .58885 | .21281 | 9.5662 | 2.9889 | .17881 | 1.0671 |
| Stddev | .0032  | .00163 | .00217 | .00060 | .0722  | .0109  | .00083 | .0063  |
| %RSD   | .24739 | .36237 | .36786 | .28245 | .75463 | .36612 | .46586 | .59341 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3106 | .45163 | .58671 | .21336 | 9.4832 | 2.9783 | .17785 | 1.0647 |
| #2 | 1.3074 | .44862 | .58881 | .21217 | 9.6018 | 2.9883 | .17937 | 1.0623 |
| #3 | 1.3139 | .44903 | .59104 | .21289 | 9.6138 | 3.0002 | .17921 | 1.0743 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9068 | .10411 | 1.1920 | .30642 | 2.3094 | 4.3103 | 51.134 |
| Stddev | .0064  | .00061 | .0071  | .00090 | .0076  | .0099  | .422   |
| %RSD   | .33596 | .58641 | .59310 | .29389 | .32763 | .23053 | .82500 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8994 | .10354 | 1.1890 | .30648 | 2.3087 | 4.3151 | 51.180 |
| #2 | 1.9096 | .10405 | 1.1868 | .30548 | 2.3022 | 4.2989 | 50.691 |
| #3 | 1.9113 | .10475 | 1.2000 | .30728 | 2.3173 | 4.3169 | 51.531 |

Sample Name: S4      Acquired: 07/28/2021 13:12:45      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S04      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1547.1 | 30258. | 9046.3 | 847.31 | 1852.0 |
| Stddev    | 3.3    | 29.    | 46.5   | 4.74   | 4.3    |
| %RSD      | .21087 | .09703 | .51433 | .55975 | .23065 |
| #1        | 1550.6 | 30260. | 9054.1 | 852.05 | 1855.3 |
| #2        | 1544.2 | 30286. | 9088.4 | 842.57 | 1853.7 |
| #3        | 1546.5 | 30227. | 8996.3 | 847.30 | 1847.2 |

Sample Name: S5      Acquired: 07/28/2021 13:16:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .36329 | .50497 | 9.0966 | .70588 | 1.3204 | 22.459 | 62.539 | 1.8922 |
| Stddev | .00081 | .00231 | .0170  | .00127 | .0017  | .076   | .284   | .0118  |
| %RSD   | .22392 | .45665 | .18748 | .17948 | .12564 | .33790 | .45341 | .62317 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .36400 | .50763 | 9.0981 | .70533 | 1.3185 | 22.390 | 62.250 | 1.8807 |
| #2 | .36347 | .50351 | 9.0788 | .70733 | 1.3217 | 22.446 | 62.817 | 1.8918 |
| #3 | .36240 | .50377 | 9.1128 | .70498 | 1.3210 | 22.540 | 62.550 | 1.9042 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 10.713 | 26.074 | 3.5501 | 3.7979 | 6.0553 | 6.0149 | 15.757 | 3.8196 |
| Stddev | .037   | .107   | .0034  | .0075  | .0079  | .0309  | .044   | .0220  |
| %RSD   | .34840 | .40909 | .09676 | .19795 | .13109 | .51458 | .28130 | .57553 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.732 | 26.027 | 3.5538 | 3.7972 | 6.0507 | 5.9803 | 15.737 | 3.7955 |
| #2 | 10.670 | 25.999 | 3.5471 | 3.7908 | 6.0507 | 6.0241 | 15.726 | 3.8246 |
| #3 | 10.737 | 26.196 | 3.5494 | 3.8058 | 6.0644 | 6.0401 | 15.808 | 3.8386 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.5857 | .91382 | 1.1845 | .42054 | 20.047 | 6.0898 | .36301 | 2.1128 |
| Stddev | .0039  | .00349 | .0024  | .00188 | .107   | .0133  | .00114 | .0211  |
| %RSD   | .15152 | .38162 | .19913 | .44814 | .53278 | .21773 | .31334 | 1.0002 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5878 | .91467 | 1.1833 | .41901 | 20.062 | 6.0749 | .36400 | 2.0923 |
| #2 | 2.5811 | .91680 | 1.1831 | .41996 | 20.145 | 6.0945 | .36325 | 2.1116 |
| #3 | 2.5880 | .90998 | 1.1873 | .42264 | 19.933 | 6.1002 | .36176 | 2.1345 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.8364 | .21287 | 2.2869 | .61348 | 4.5857 | 8.9013 | 102.16 |
| Stddev | .0056  | .00086 | .0151  | .00104 | .0187  | .0176  | 1.08   |
| %RSD   | .14676 | .40361 | .66212 | .16972 | .40729 | .19805 | 1.0565 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8401 | .21352 | 2.2702 | .61444 | 4.5740 | 8.8985 | 100.96 |
| #2 | 3.8393 | .21190 | 2.2909 | .61237 | 4.5759 | 8.8852 | 102.44 |
| #3 | 3.8300 | .21320 | 2.2997 | .61363 | 4.6073 | 8.9201 | 103.06 |

Sample Name: S5      Acquired: 07/28/2021 13:16:54      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1: S05      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1432.3 | 29297. | 8830.4 | 769.39 | 1707.6 |
| Stddev    | 1.7    | 37.    | 36.8   | 5.13   | 3.3    |
| %RSD      | .11605 | .12591 | .41662 | .66659 | .19237 |
| #1        | 1430.9 | 29261. | 8868.9 | 765.61 | 1706.5 |
| #2        | 1431.9 | 29296. | 8826.7 | 767.32 | 1711.3 |
| #3        | 1434.2 | 29335. | 8795.6 | 775.22 | 1705.0 |

Sample Name: S6      Acquired: 07/28/2021 13:21:00      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: S06      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 62.289 | 42.870 | 16.734 | 6.5647 | 3.3753 |
| Stddev | .340   | .176   | .135   | .0509  | .0196  |
| %RSD   | .54631 | .41006 | .80423 | .77527 | .57987 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 62.380 | 43.003 | 16.808 | 6.5865 | 3.3834 |
| #2 | 61.912 | 42.671 | 16.579 | 6.5066 | 3.3530 |
| #3 | 62.574 | 42.935 | 16.816 | 6.6011 | 3.3895 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 8694.0 |
| Stddev    | 33.9   |
| %RSD      | .39027 |

|    |        |
|----|--------|
| #1 | 8654.9 |
| #2 | 8715.1 |
| #3 | 8712.2 |

Sample Name: ICV      Acquired: 07/28/2021 13:40:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.019154 | 1.060244 | 1.010023 | 1.038700 | 1.021572 | 2.414892 |
| Stddev | .007377  | .002611  | .001223  | .002230  | .003639  | .015460  |
| %RSD   | .7238201 | .2462751 | .1210512 | .2147006 | .3562488 | .6401919 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.016388 | 1.062699 | 1.011133 | 1.036631 | 1.025350 | 2.430451 |
| #2 | 1.027514 | 1.057501 | 1.008712 | 1.041063 | 1.021276 | 2.399533 |
| #3 | 1.013559 | 1.060534 | 1.010223 | 1.038407 | 1.018089 | 2.414692 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5284862 | .5533423 | .5371346 | 10.22801 | .5649235 | .5212939 |
| Stddev | .0009777 | .0043288 | .0008836 | .02944   | .0023909 | .0015655 |
| %RSD   | .1850015 | .7822967 | .1644990 | .2878269 | .4232237 | .3003188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5285336 | .5503632 | .5378625 | 10.20708 | .5622763 | .5201773 |
| #2 | .5274856 | .5513560 | .5373897 | 10.21528 | .5655685 | .5230834 |
| #3 | .5294393 | .5583078 | .5361515 | 10.26167 | .5669257 | .5206211 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5497215 | 10.95287 | .5303267 | 5.693335 | .5347347 | .2377331 |
| Stddev | .0033875 | .00422   | .0039479 | .037758  | .0003296 | .0015754 |
| %RSD   | .6162276 | .0385330 | .7444208 | .6631973 | .0616404 | .6626604 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5530996 | 10.95434 | .5280446 | 5.736847 | .5345591 | .2390186 |
| #2 | .5463246 | 10.94811 | .5280503 | 5.669187 | .5351149 | .2382050 |
| #3 | .5497402 | 10.95616 | .5348853 | 5.673972 | .5345301 | .2359757 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.678384 | .5445362 | .9672836 | 9.269037 | F .0086092 | F .0026178 |
| Stddev | .340045  | .0031416 | .0136122 | .061662  | .0018984   | .0007727   |
| %RSD   | 3.513448 | .5769359 | 1.407258 | .6652490 | 22.05097   | 29.51895   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.816891 | .5458648 | .9731177 | 9.340238 | .0065700 | .0033416 |
| #2 | 9.927316 | .5409485 | .9770063 | 9.233292 | .0103254 | .0018040 |
| #3 | 9.290944 | .5467952 | .9517267 | 9.233582 | .0089321 | .0027077 |



Sample Name: ICV      Acquired: 07/28/2021 13:40:43      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F -.000046 | F -.001204 | F .0031836 | F -.001064 | F -.000066 | F .0028526 |
| Stddev | .001094    | .002061    | .0007397   | .002165    | .000614    | .0003353   |
| %RSD   | 2368.643   | 171.1300   | 23.23446   | 203.4757   | 937.3844   | 11.75369   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000527  | -.002440 | .0032225 | .000868  | .000589  | .0032380 |
| #2 | -.001308 | -.002348 | .0039031 | -.003403 | -.000157 | .0026277 |
| #3 | .000642  | .001175  | .0024252 | -.000657 | -.000629 | .0026922 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.009574 |
| Stddev | .000025    |
| %RSD   | .2595418   |

|    |          |
|----|----------|
| #1 | -.009600 |
| #2 | -.009573 |
| #3 | -.009550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1666.537 | 31404.15 | 9123.571 | 928.3006 | 2094.902 |
| Stddev    | 3.481    | 97.22    | 36.764   | 5.9895   | 8.088    |
| %RSD      | .2089059 | .3095882 | .4029548 | .6452061 | .3861014 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1662.518 | 31293.81 | 9127.306 | 921.8868 | 2085.790 |
| #2 | 1668.642 | 31477.26 | 9158.325 | 929.2665 | 2097.686 |
| #3 | 1668.451 | 31441.38 | 9085.082 | 933.7483 | 2101.232 |

Sample Name: ICB      Acquired: 07/28/2021 13:44:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013892 | -.000266 | -.001424 | -.000170 | .0017251 | .0137442 | -.001910 |
| Stddev | .0067244 | .001670  | .001521  | .006902  | .0021912 | .0050328 | .000778  |
| %RSD   | 484.0479 | 627.5992 | 106.7924 | 4066.831 | 127.0155 | 36.61779 | 40.71893 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005573 | -.000111 | -.002530 | -.000049 | .0040203 | .0086925 | -.001022 |
| #2 | .001894  | -.002008 | .000310  | .006671  | -.000345 | .0187579 | -.002234 |
| #3 | .007847  | .001321  | -.002052 | -.007132 | .001500  | .0137821 | -.002473 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000010 | .0000293 | -.001056 | -.000105 | -.000032 | -.000175 | .0040724 |
| Stddev | .000120  | .0000805 | .010080  | .000357  | .000628  | .001407  | .0039537 |
| %RSD   | 1188.252 | 274.9790 | 954.6510 | 340.9036 | 1964.982 | 802.8483 | 97.08643 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000021  | -.000034 | .009332  | -.000495 | .000119  | -.001795 | .0002232 |
| #2 | .000092  | .000120  | -.001703 | .000206  | -.000722 | .000534  | .0081229 |
| #3 | -.000143 | .000002  | -.010797 | -.000025 | .000507  | .000736  | .0038710 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000143 | .0176041 | .0004607 | .0004782 | -.193761 | .0011946 | -.002123 |
| Stddev | .000151  | .0255470 | .0004140 | .0003748 | .231835  | .0036455 | .001332  |
| %RSD   | 105.8153 | 145.1197 | 89.87630 | 78.37238 | 119.6498 | 305.1754 | 62.74917 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000012  | .0213297 | .0003963 | .0000723 | -.458371 | .0025850 | -.000706 |
| #2 | -.000151 | -.009601 | .0009031 | .0008111 | -.096584 | -.002942 | -.002314 |
| #3 | -.000290 | .041084  | .0000826 | .0005514 | -.026330 | .003940  | -.003350 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.140931 | -.005462 | -.001026 | .0000372 | .0031865 | -.000389 | -.004324 |
| Stddev | .068494  | .001976  | .000337  | .0005852 | .0100306 | .001146  | .001684  |
| %RSD   | 48.60097 | 36.18013 | 32.83858 | 1572.540 | 314.7857 | 294.6988 | 38.94880 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.215034 | -.006524 | -.000713 | -.000259 | -.008046 | .000879  | -.003474 |
| #2 | -.079942 | -.006680 | -.000983 | -.000340 | .011250  | -.000695 | -.006263 |
| #3 | -.127819 | -.003182 | -.001383 | .000711  | .006356  | -.001350 | -.003234 |

Sample Name: ICB      Acquired: 07/28/2021 13:44:43      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001616 | .0031931 | .0000197 |
| Stddev | .0010104 | .0003346 | .0000596 |
| %RSD   | 625.3881 | 10.48005 | 302.0101 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000467 | .0028397 | .0000698 |
| #2 | .001327  | .0032347 | .0000356 |
| #3 | -.000375 | .0035051 | -.000046 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1666.037 | 31224.20 | 9029.438 | 926.0261 | 2079.221 |
| Stddev    | 2.473    | 123.28   | 52.790   | 3.9120   | 3.860    |
| %RSD      | .1484281 | .3948312 | .5846397 | .4224498 | .1856682 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1665.119 | 31227.83 | 8968.902 | 928.1366 | 2079.165 |
| #2 | 1664.154 | 31345.63 | 9053.516 | 928.4296 | 2075.389 |
| #3 | 1668.837 | 31099.14 | 9065.895 | 921.5121 | 2083.109 |

Sample Name: ICSA      Acquired: 07/28/2021 13:58:08      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035926 | -.007953 | .0020211 | .0283505 | .0004815 | 254.0838 | .0031176 |
| Stddev | .0082562 | .002398  | .0004997 | .0061468 | .0021217 | 1.0943   | .0006284 |
| %RSD   | 229.8103 | 30.15296 | 24.72423 | 21.68134 | 440.6553 | .4306890 | 20.15784 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070402 | -.010060 | .0025372 | .0342980 | -.001815 | 252.9808 | .0032419 |
| #2 | -.005829 | -.008455 | .0015395 | .0287312 | .002370  | 255.1692 | .0036746 |
| #3 | .009566  | -.005343 | .0019867 | .0220222 | .000889  | 254.1015 | .0024363 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012917 | -.001736 | 254.6137 | .0619848 | -.000871 | .0090237 | 110.6227 |
| Stddev | .0000804 | .000272  | .3805    | .0005660 | .000507  | .0011887 | .7562    |
| %RSD   | 6.220861 | 15.69046 | .1494482 | .9131466 | 58.25129 | 13.17272 | .6835507 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013789 | -.001443 | 254.2464 | .0614054 | -.000285 | .0092386 | 109.8432 |
| #2 | .0012207 | -.001784 | 255.0062 | .0620126 | -.001182 | .0077423 | 111.3532 |
| #3 | .0012756 | -.001981 | 254.5885 | .0625364 | -.001145 | .0100903 | 110.6718 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0110342 | 262.7679 | -.001222 | .0045442 | -.034829 | -.000749 | .0087099 |
| Stddev | .0006866 | 1.7549   | .000241  | .0005171 | .183162  | .002692  | .0010977 |
| %RSD   | 6.222783 | .6678563 | 19.72582 | 11.37931 | 525.8935 | 359.4143 | 12.60274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106925 | 260.8725 | -.001493 | .0041665 | -.181766 | .000727  | .0096031 |
| #2 | .0105856 | 264.3363 | -.001141 | .0051335 | .170379  | .000882  | .0090423 |
| #3 | .0118247 | 263.0950 | -.001031 | .0043324 | -.093100 | -.003857 | .0074845 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.437509 | -.000397 | .0020957 | .0004936 | .0018939 | -.002269 | .0018188 |
| Stddev | .001203  | .006195  | .0022621 | .0009662 | .0116456 | .001104  | .0028088 |
| %RSD   | .2750401 | 1561.328 | 107.9420 | 195.7592 | 614.8977 | 48.68001 | 154.4307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.438419 | -.006957 | .0003028 | -.000181 | .0151074 | -.002682 | .0046274 |
| #2 | -.437964 | .000413  | .0046372 | .001600  | -.002551 | -.001017 | -.000990 |
| #3 | -.436145 | .005354  | .0013471 | .000061  | -.006874 | -.003107 | .001819  |

Sample Name: ICSA      Acquired: 07/28/2021 13:58:08      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001550 | .0057605 | .0020392 |
| Stddev | .000272  | .0004514 | .0001681 |
| %RSD   | 17.54355 | 7.836070 | 8.245355 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001378 | .0053852 | .0022083 |
| #2 | -.001409 | .0062614 | .0018721 |
| #3 | -.001864 | .0056350 | .0020373 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1573.494 | 30348.92 | 8788.615 | 883.1181 | 1912.659 |
| Stddev    | 2.738    | 84.79    | 35.299   | 7.2804   | 4.049    |
| %RSD      | .1740154 | .2793987 | .4016420 | .8243938 | .2116768 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1570.533 | 30255.89 | 8819.440 | 881.0862 | 1908.912 |
| #2 | 1574.013 | 30369.02 | 8750.108 | 877.0696 | 1912.112 |
| #3 | 1575.935 | 30421.87 | 8796.298 | 891.1986 | 1916.954 |

Sample Name: ICSAB      Acquired: 07/28/2021 14:02:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1046278 | .1031571 | .0543668 | .0720890 | .6120793 | 249.3200 | .5206437 |
| Stddev | .0060106 | .0048808 | .0042540 | .0042064 | .0054616 | 1.1296   | .0030164 |
| %RSD   | 5.744719 | 4.731413 | 7.824559 | 5.834937 | .8923011 | .4530550 | .5793522 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0978644 | .1062943 | .0498905 | .0750348 | .6165248 | 248.1464 | .5181912 |
| #2 | .1093584 | .0975338 | .0548533 | .0672717 | .6137305 | 250.3997 | .5197281 |
| #3 | .1066606 | .1056431 | .0583566 | .0739604 | .6059826 | 249.4138 | .5240118 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5583362 | 1.013421 | 250.7158 | .5941348 | .5055922 | .5390089 | 108.3043 |
| Stddev | .0037615 | .001806  | .8920    | .0033872 | .0004502 | .0026842 | .6317    |
| %RSD   | .6737016 | .1782021 | .3557697 | .5701084 | .0890494 | .4979852 | .5833096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5540694 | 1.012935 | 250.0189 | .5910237 | .5052690 | .5391493 | 107.9010 |
| #2 | .5611727 | 1.015420 | 250.4076 | .5977432 | .5054011 | .5362573 | 109.0324 |
| #3 | .5597667 | 1.011908 | 251.7210 | .5936373 | .5061064 | .5416202 | 107.9796 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5129521 | 257.1073 | 1.020805 | .2002772 | .0231435 | .5427639 | .9873615 |
| Stddev | .0032737 | 1.6790   | .001768  | .0003419 | .0522732 | .0055102 | .0039241 |
| %RSD   | .6382111 | .6530257 | .1731602 | .1707073 | 225.8657 | 1.015205 | .3974319 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5105800 | 255.7541 | 1.022834 | .1998846 | .0549584 | .5370602 | .9913935 |
| #2 | .5115892 | 258.9862 | 1.019978 | .2005090 | .0516583 | .5480576 | .9871359 |
| #3 | .5166871 | 256.5815 | 1.019602 | .2004382 | -.037186 | .5431739 | .9835550 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.607646 | .0055040 | .0003858 | -.000153 | .0152825 | -.000224 | -.000501 |
| Stddev | .015001  | .0057069 | .0009144 | .000325  | .0086321 | .000572  | .004180  |
| %RSD   | 2.468644 | 103.6863 | 237.0064 | 212.6300 | 56.48368 | 255.6929 | 834.9234 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.600515 | .0101436 | .0007893 | .000104  | .0056052 | -.000644 | .003504  |
| #2 | -.624882 | -.000868 | -.000661 | -.000044 | .0221890 | .000428  | -.004836 |
| #3 | -.597541 | .007237  | .001029  | -.000518 | .0180532 | -.000454 | -.000169 |

Sample Name: ICSAB      Acquired: 07/28/2021 14:02:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSAB      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002361 | .0053382 | .0021315 |
| Stddev | .000397  | .0005794 | .0006279 |
| %RSD   | 16.80341 | 10.85441 | 29.45784 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001905 | .0047269 | .0018757 |
| #2 | -.002630 | .0058794 | .0016718 |
| #3 | -.002548 | .0054083 | .0028468 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1583.058 | 30838.61 | 8919.216 | 899.0245 | 1925.883 |
| Stddev    | 3.193    | 130.42   | 27.946   | .7218    | 4.533    |
| %RSD      | .2017103 | .4229216 | .3133273 | .0802821 | .2353552 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1580.897 | 30931.05 | 8949.667 | 898.6588 | 1923.852 |
| #2 | 1581.551 | 30689.43 | 8894.740 | 898.5588 | 1922.721 |
| #3 | 1586.726 | 30895.36 | 8913.242 | 899.8559 | 1931.076 |

Sample Name: CCV022      Acquired: 07/28/2021 14:06:11      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV022      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.690889 | 4.552712 | 23.49380 | 4.500240 | 4.668147 | 388.6532 | 9.410093 |
| Stddev | .018333  | .019392  | .04849   | .035728  | .008142  | 4.0125   | .112787  |
| %RSD   | .3908195 | .4259331 | .2063870 | .7939151 | .1744154 | 1.032407 | 1.198575 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.693674 | 4.574412 | 23.46832 | 4.506640 | 4.659153 | 388.4432 | 9.539032 |
| #2 | 4.671324 | 4.537081 | 23.46337 | 4.461744 | 4.670274 | 384.7498 | 9.329750 |
| #3 | 4.707671 | 4.546643 | 23.54972 | 4.532335 | 4.675015 | 392.7666 | 9.361496 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5118554 | 2.311274 | 385.4279 | 14.51451 | 2.343796 | 14.70411 | 414.9306 |
| Stddev | .0041341 | .003122  | .1147    | .02327   | .001850  | .02639   | 1.4148   |
| %RSD   | .8076662 | .1350593 | .0297549 | .1603433 | .0789187 | .1794974 | .3409734 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5166081 | 2.308931 | 385.5382 | 14.52352 | 2.342747 | 14.73181 | 416.3541 |
| #2 | .5090919 | 2.310073 | 385.4362 | 14.53194 | 2.342709 | 14.70128 | 414.9130 |
| #3 | .5098663 | 2.314818 | 385.3092 | 14.48808 | 2.345932 | 14.67925 | 413.5247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.97713 | 404.8365 | 2.311600 | 1.160833 | 397.9291 | 2.499359 | 14.49388 |
| Stddev | .00749   | 1.2445   | .007341  | .001452  | 1.2328   | .007297  | .02726   |
| %RSD   | .0535559 | .3074188 | .3175813 | .1250761 | .3098154 | .2919570 | .1881024 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.96863 | 406.1134 | 2.306972 | 1.162112 | 398.4608 | 2.498978 | 14.51431 |
| #2 | 13.98275 | 404.7688 | 2.307764 | 1.161133 | 398.8069 | 2.506840 | 14.46292 |
| #3 | 13.98001 | 403.6271 | 2.320065 | 1.159255 | 396.5196 | 2.492261 | 14.50441 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.6358 | 4.693330 | 5.113795 | 4.714121 | 4.685196 | 5.069871 | 4.719914 |
| Stddev | .2843    | .027986  | .024576  | .013914  | .016762  | .019532  | .004349  |
| %RSD   | .1875197 | .5962980 | .4805912 | .2951624 | .3577738 | .3852518 | .0921458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.8840 | 4.710329 | 5.141650 | 4.700724 | 4.701770 | 5.088835 | 4.724370 |
| #2 | 151.6979 | 4.661029 | 5.104568 | 4.713140 | 4.685567 | 5.049817 | 4.719691 |
| #3 | 151.3255 | 4.708632 | 5.095167 | 4.728500 | 4.668252 | 5.070961 | 4.715681 |



Sample Name: CCV022      Acquired: 07/28/2021 14:06:11      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV022      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.990638 | 4.954997 | 4.635908 |
| Stddev | .012405  | .017020  | .034782  |
| %RSD   | .2485566 | .3434817 | .7502733 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.999856 | 4.970699 | 4.641507 |
| #2 | 4.995523 | 4.957381 | 4.598666 |
| #3 | 4.976535 | 4.936911 | 4.667550 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1475.638 | 29956.26 | 8662.372 | 830.9639 | 1761.333 |
| Stddev    | 2.343    | 20.34    | 31.675   | 3.7816   | .688     |
| %RSD      | .1587742 | .0678947 | .3656622 | .4550866 | .0390734 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1478.335 | 29937.38 | 8633.206 | 830.3918 | 1760.636 |
| #2 | 1474.473 | 29953.62 | 8696.068 | 834.9990 | 1761.351 |
| #3 | 1474.105 | 29977.80 | 8657.843 | 827.5010 | 1762.012 |

Sample Name: CCB022      Acquired: 07/28/2021 14:12:03      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB022      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001200 | .0018214 | .0011716 | .0043723 | .0030812 | .0211930 | -.003003 |
| Stddev | .005539  | .0036409 | .0008643 | .0018410 | .0015926 | .0062297 | .000405  |
| %RSD   | 461.4964 | 199.9007 | 73.76844 | 42.10623 | 51.68852 | 29.39497 | 13.48439 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001098 | -.001428 | .0005877 | .0064548 | .0038033 | .0264235 | -.002752 |
| #2 | -.006789 | .005756  | .0007627 | .0029612 | .0041848 | .0143010 | -.003470 |
| #3 | .004287  | .001135  | .0021645 | .0037009 | .0012554 | .0228545 | -.002786 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000186 | -.000054 | -.001518 | -.000005 | .0000076 | .0014934 | .0084475 |
| Stddev | .0001159 | .000117  | .014736  | .000148  | .0003314 | .0008603 | .0133340 |
| %RSD   | 623.0561 | 216.0753 | 970.4798 | 2784.162 | 4336.970 | 57.60613 | 157.8466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000308 | .000036  | .004851  | .000164  | .0001418 | .0015542 | .0181893 |
| #2 | .0001279 | -.000012 | -.018368 | -.000113 | .0002509 | .0006043 | .0139022 |
| #3 | -.000103 | -.000187 | .008961  | -.000067 | -.000370 | .0023217 | -.006749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000112 | .0316270 | .0009378 | .0004941 | -.367615 | .0003107 | -.001109 |
| Stddev | .0002491 | .0112644 | .0003455 | .0003394 | .056486  | .0029268 | .002777  |
| %RSD   | 2225.729 | 35.61640 | 36.84125 | 68.69262 | 15.36556 | 941.9149 | 250.5039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000053 | .0419169 | .0005407 | .0008085 | -.412203 | -.002913 | .000777  |
| #2 | -.000199 | .0333722 | .0011699 | .0005397 | -.304095 | .001043  | .000195  |
| #3 | .000286  | .0195919 | .0011028 | .0001342 | -.386548 | .002802  | -.004298 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.298005 | -.001642 | .0047022 | .0006227 | -.000991 | -.001316 | -.001406 |
| Stddev | .024808  | .001809  | .0007666 | .0003705 | .002999  | .001210  | .000913  |
| %RSD   | 8.324629 | 110.2245 | 16.30351 | 59.49932 | 302.7089 | 91.93659 | 64.91474 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.319489 | -.002771 | .0046667 | .0009991 | -.003679 | -.000656 | -.001466 |
| #2 | -.270854 | .000445  | .0054860 | .0006107 | -.001538 | -.000580 | -.000465 |
| #3 | -.303672 | -.002599 | .0039540 | .0002584 | .002244  | -.002713 | -.002288 |

Sample Name: CCB022      Acquired: 07/28/2021 14:12:03      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB022      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0013612 | .0051086 | -.000014 |
| Stddev | .0004835 | .0004990 | .000015  |
| %RSD   | 35.51930 | 9.767182 | 104.5011 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0018836 | .0056718 | -.000002 |
| #2 | .0012703 | .0047217 | -.000031 |
| #3 | .0009295 | .0049323 | -.000011 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1669.129 | 31644.14 | 8901.915 | 943.2461 | 2108.825 |
| Stddev    | 5.363    | 26.60    | 75.069   | 1.9815   | 4.978    |
| %RSD      | .3212951 | .0840736 | .8432901 | .2100769 | .2360628 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1664.493 | 31674.59 | 8987.404 | 941.0986 | 2103.825 |
| #2 | 1667.891 | 31625.42 | 8871.584 | 945.0038 | 2108.869 |
| #3 | 1675.002 | 31632.40 | 8846.757 | 943.6357 | 2113.781 |

Sample Name: PB137992BL      Acquired: 07/28/2021 14:16:12      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS992      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000975 | -.001822 | -.000992 | .0023220 | .0020627 | .0945117 | -.002050 |
| Stddev | .002429  | .003070  | .000744  | .0034096 | .0004011 | .0069510 | .000397  |
| %RSD   | 249.1399 | 168.4508 | 75.02925 | 146.8394 | 19.44331 | 7.354641 | 19.35392 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001482  | .001612  | -.000514 | .0007126 | .0016121 | .1001520 | -.002320 |
| #2 | -.001031 | -.002779 | -.001849 | .0000149 | .0021952 | .0966369 | -.001594 |
| #3 | -.003376 | -.004300 | -.000613 | .0062384 | .0023807 | .0867462 | -.002236 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000013 | -.000015 | -.004700 | .0002905 | -.000088 | .0016550 | -.008500 |
| Stddev | .000090  | .000226  | .012333  | .0001938 | .000080  | .0006405 | .006262  |
| %RSD   | 707.9925 | 1521.823 | 262.4090 | 66.69918 | 91.56407 | 38.70160 | 73.66817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000076 | .000153  | .003125  | .0000727 | -.000015 | .0015610 | -.001824 |
| #2 | .000091  | -.000272 | .001692  | .0004439 | -.000073 | .0023374 | -.009432 |
| #3 | -.000053 | .000075  | -.018917 | .0003551 | -.000174 | .0010667 | -.014243 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001041 | .0293469 | .0002445 | .0004997 | -.237957 | -.000354 | -.002294 |
| Stddev | .0003840 | .0424457 | .0002901 | .0000749 | .154772  | .002605  | .001327  |
| %RSD   | 368.9146 | 144.6344 | 118.6753 | 14.98952 | 65.04201 | 735.8852 | 57.85594 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003431 | .0767367 | .0005701 | .0004822 | -.308722 | -.003319 | -.000810 |
| #2 | -.000339 | -.005178 | .0001497 | .0004351 | -.344696 | .000690  | -.003367 |
| #3 | .000308  | .016482  | .0000136 | .0005818 | -.060453 | .001568  | -.002704 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.318806 | -.000606 | .0007822 | .0005045 | -.006437 | -.000832 | -.001631 |
| Stddev | .046295  | .003672  | .0003957 | .0003089 | .007471  | .001131  | .001695  |
| %RSD   | 14.52145 | 605.6082 | 50.59485 | 61.21423 | 116.0616 | 136.0425 | 103.8912 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.281216 | -.002247 | .0005690 | .0001743 | -.014859 | -.000073 | -.001335 |
| #2 | -.304684 | -.003172 | .0012388 | .0007862 | -.000606 | -.000290 | -.003454 |
| #3 | -.370517 | .003600  | .0005387 | .0005531 | -.003846 | -.002132 | -.000104 |

Sample Name: PB137992BL      Acquired: 07/28/2021 14:16:12      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBS992      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0005912 | .0028073 | .0000671 |
| Stddev | .0008455 | .0010516 | .0000317 |
| %RSD   | 143.0285 | 37.45941 | 47.31521 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0001431 | .0037817 | .0000973 |
| #2 | .0015664 | .0016926 | .0000340 |
| #3 | .0000640 | .0029475 | .0000700 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1674.595 | 32045.80 | 8870.670 | 955.2706 | 2119.291 |
| Stddev    | 6.413    | 183.75   | 73.420   | 12.4149  | 1.076    |
| %RSD      | .3829769 | .5734036 | .8276717 | 1.299622 | .0507928 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1670.171 | 31927.21 | 8890.132 | 943.6261 | 2119.920 |
| #2 | 1681.950 | 32257.46 | 8789.480 | 968.3340 | 2118.048 |
| #3 | 1671.665 | 31952.72 | 8932.399 | 953.8519 | 2119.905 |

Sample Name: PB137884BS      Acquired: 07/28/2021 14:20:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS884      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .0127329 | .0463669 | .0198120 | .0722310 | .1254361 | .4128354 |
| Stddev | .0050521   | .0040380 | .0010113 | .0034339 | .0026071 | .0057973 |
| %RSD   | 39.67742   | 8.708730 | 5.104292 | 4.754128 | 2.078419 | 1.404264 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0069710 | .0417469 | .0194797 | .0717255 | .1224840 | .4124251 |
| #2 | .0148243 | .0492215 | .0209476 | .0690779 | .1264014 | .4072542 |
| #3 | .0164035 | .0481323 | .0190087 | .0758897 | .1274228 | .4188270 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3998375 | .0116726 | .0101898 | 10.24565 | .0218946 | .0973035 |
| Stddev | .0008942 | .0000625 | .0000232 | .03182   | .0002199 | .0002247 |
| %RSD   | .2236387 | .5354818 | .2279584 | .3106095 | 1.004111 | .2309191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4004021 | .0116059 | .0102136 | 10.21135 | .0216873 | .0975444 |
| #2 | .3988066 | .0117298 | .0101671 | 10.27422 | .0221251 | .0972665 |
| #3 | .4003040 | .0116823 | .0101887 | 10.25137 | .0218713 | .0970996 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0542589 | .2371127 | .0312002 | 10.46461 | .0796493 | .0185940 |
| Stddev | .0007710 | .0016780 | .0002505 | .04356   | .0003353 | .0000920 |
| %RSD   | 1.421002 | .7076952 | .8028176 | .4162725 | .4210107 | .4948511 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0551057 | .2355612 | .0314555 | 10.42330 | .0796956 | .0187000 |
| #2 | .0540737 | .2368832 | .0311902 | 10.46041 | .0799591 | .0185357 |
| #3 | .0535974 | .2388937 | .0309549 | 10.51012 | .0792933 | .0185461 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.802928 | .1134159 | .1152960 | 9.554044 | .0180052 | F .2170101 |
| Stddev | .298457  | .0031889 | .0029410 | .043055  | .0038074 | .0008878   |
| %RSD   | 3.044565 | 2.811730 | 2.550840 | .4506457 | 21.14622 | .4091083   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.762352 | .1167083 | .1186266 | 9.529133 | .0200749 | .2173499 |
| #2 | 10.11960 | .1103416 | .1142051 | 9.603760 | .0136113 | .2176777 |
| #3 | 9.52684  | .1131977 | .1130563 | 9.529240 | .0203295 | .2160025 |

Sample Name: PB137884BS      Acquired: 07/28/2021 14:20:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS884      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0213007 | .1794636 | .2072754 | F .0097419 | .2196618 | .0330433 |
| Stddev | .0005449 | .0064005 | .0019067 | .0010407   | .0022792 | .0005548 |
| %RSD   | 2.558216 | 3.566440 | .9198772 | 10.68242   | 1.037571 | 1.679039 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0217467 | .1721602 | .2051173 | .0101248 | .2220477 | .0333549 |
| #2 | .0206933 | .1840954 | .2087318 | .0105370 | .2175071 | .0324028 |
| #3 | .0214620 | .1821354 | .2079770 | .0085641 | .2194306 | .0333724 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2184808 |
| Stddev | .0001699 |
| %RSD   | .0777745 |

|    |          |
|----|----------|
| #1 | .2185461 |
| #2 | .2182879 |
| #3 | .2186083 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1679.239 | 32116.68 | 8945.157 | 958.6605 | 2150.378 |
| Stddev    | 1.659    | 32.14    | 58.773   | 4.6821   | 1.837    |
| %RSD      | .0988007 | .1000719 | .6570415 | .4884040 | .0854179 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1680.189 | 32079.63 | 9011.086 | 953.6039 | 2151.235 |
| #2 | 1677.323 | 32133.39 | 8898.250 | 962.8458 | 2148.270 |
| #3 | 1680.204 | 32137.02 | 8926.136 | 959.5319 | 2151.630 |

Sample Name: M3112-01      Acquired: 07/28/2021 14:24:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6181527 | -.010457 | 40.82855 | .1083034 | .1313786 | 71.38656 |
| Stddev | .0097205 | .006836  | .07888   | .0020929 | .0041753 | .29283   |
| %RSD   | 1.572505 | 65.37196 | .1931944 | 1.932438 | 3.178073 | .4102015 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6168459 | -.012095 | 40.75279 | .1059376 | .1358500 | 71.15476 |
| #2 | .6091517 | -.002951 | 40.82265 | .1090592 | .1307043 | 71.71565 |
| #3 | .6284604 | -.016325 | 40.91022 | .1099135 | .1275814 | 71.28927 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.073372 | .0133708 | .0701589 | 41.22859 | .1641447 | .1647255 |
| Stddev | .001083  | .0002373 | .0006649 | .03598   | .0007787 | .0003821 |
| %RSD   | .1009139 | 1.775011 | .9477537 | .0872811 | .4743910 | .2319555 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.074621 | .0135438 | .0706394 | 41.19057 | .1649847 | .1643539 |
| #2 | 1.072796 | .0134684 | .0694000 | 41.26211 | .1634470 | .1647053 |
| #3 | 1.072697 | .0131002 | .0704373 | 41.23309 | .1640023 | .1651173 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.895938 | 451.3813 | 5.314581 | 13.43210 | .3491672 | .0332835 |
| Stddev | .007194  | 4.0934   | .012299  | .09678   | .0014675 | .0001172 |
| %RSD   | .1846503 | .9068639 | .2314207 | .7205287 | .4202765 | .3521666 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.889353 | 447.9801 | 5.313957 | 13.33841 | .3475661 | .0332052 |
| #2 | 3.903616 | 455.9244 | 5.327180 | 13.53170 | .3504481 | .0332270 |
| #3 | 3.894847 | 450.2393 | 5.302605 | 13.42618 | .3494876 | .0334182 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.732410 | .2081497 | F 87.10664 | 6.675204 | 4.870382 | .0825742 |
| Stddev | .222132  | .0039448 | .41468     | .048117  | .039451  | .0029435 |
| %RSD   | 12.82215 | 1.895199 | .4760655   | .7208355 | .8100268 | 3.564637 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.975315 | .2043890 | 86.64107 | 6.619828 | 4.858085 | .0791753 |
| #2 | 1.682307 | .2122560 | 87.43637 | 6.698966 | 4.838544 | .0842774 |
| #3 | 1.539609 | .2078040 | 87.24247 | 6.706817 | 4.914518 | .0842698 |



Sample Name: M3112-01      Acquired: 07/28/2021 14:24:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0290107 | 5.631477 | 7.596104 | 2.147702 | 1.187830 | .0855080 |
| Stddev | .0006270 | .025807  | .066615  | .006279  | .008953  | .0002074 |
| %RSD   | 2.161318 | .4582597 | .8769676 | .2923568 | .7537115 | .2425878 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0285421 | 5.637858 | 7.575801 | 2.144104 | 1.185383 | .0853972 |
| #2 | .0297230 | 5.603079 | 7.670509 | 2.144050 | 1.197752 | .0857473 |
| #3 | .0287670 | 5.653495 | 7.542003 | 2.154952 | 1.180356 | .0853795 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.151247 |
| Stddev | .003323  |
| %RSD   | 2.196937 |

|    |          |
|----|----------|
| #1 | -.148021 |
| #2 | -.154658 |
| #3 | -.151061 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1860.834 | 35999.10 | 10034.26 | 1057.322 | 2118.338 |
| Stddev    | 2.177    | 161.19   | 58.27    | .753     | 4.525    |
| %RSD      | .1170075 | .4477669 | .5807488 | .0711945 | .2135949 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1860.523 | 35918.21 | 10064.22 | 1057.979 | 2120.169 |
| #2 | 1863.150 | 36184.72 | 9967.10  | 1056.501 | 2121.660 |
| #3 | 1858.829 | 35894.37 | 10071.46 | 1057.487 | 2113.185 |

Sample Name: M3112-03      Acquired: 07/28/2021 14:28:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3375946 | -.004474 | 15.74636 | .0753414 | .0489210 | 67.65249 |
| Stddev | .0079352 | .005909  | .00197   | .0041373 | .0009208 | .15660   |
| %RSD   | 2.350498 | 132.0694 | .0125152 | 5.491342 | 1.882121 | .2314770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3287837 | -.003103 | 15.74859 | .0761716 | .0481322 | 67.47418 |
| #2 | .3441778 | -.010948 | 15.74559 | .0790005 | .0486980 | 67.76770 |
| #3 | .3398223 | .000629  | 15.74488 | .0708519 | .0499328 | 67.71557 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.208485 | .0104432 | .0489789 | 269.8636 | .2872506 | .1145449 |
| Stddev | .004235  | .0000885 | .0000265 | .5452    | .0015611 | .0010630 |
| %RSD   | .3504403 | .8478047 | .0540465 | .2020281 | .5434572 | .9279770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.213371 | .0103510 | .0489553 | 270.2593 | .2857450 | .1136658 |
| #2 | 1.205873 | .0104508 | .0490075 | 269.2417 | .2871450 | .1142427 |
| #3 | 1.206211 | .0105276 | .0489739 | 270.0898 | .2888618 | .1157263 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.786453 | 320.2892 | 5.009591 | 32.58971 | .2599382 | .0216790 |
| Stddev | .002728  | 1.8145   | .010038  | .19406   | .0012357 | .0005375 |
| %RSD   | .1526987 | .5665089 | .2003803 | .5954580 | .4753921 | 2.479385 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.788830 | 318.2794 | 5.019453 | 32.41294 | .2585130 | .0218464 |
| #2 | 1.783474 | 321.8068 | 4.999386 | 32.79736 | .2605902 | .0221129 |
| #3 | 1.787054 | 320.7813 | 5.009934 | 32.55883 | .2607113 | .0210777 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.506071 | .1756528 | F 32.35264 | 7.311860 | 5.200311 | .0771191 |
| Stddev | .244131  | .0040156 | .15194     | .011893  | .027926  | .0050275 |
| %RSD   | 16.20982 | 2.286126 | .4696455   | .1626512 | .5370030 | 6.519169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.616456 | .1721929 | 32.45743 | 7.309945 | 5.178631 | .0786133 |
| #2 | 1.226242 | .1800562 | 32.17838 | 7.301041 | 5.231823 | .0715139 |
| #3 | 1.675515 | .1747094 | 32.42211 | 7.324594 | 5.190478 | .0812302 |

Sample Name: M3112-03      Acquired: 07/28/2021 14:28:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0283205 | 10.65763 | 7.929597 | 1.134380 | 1.061586 | .0942646 |
| Stddev | .0004991 | .06215   | .033810  | .006865  | .004845  | .0013154 |
| %RSD   | 1.762186 | .5831932 | .4263798 | .6051330 | .4563889 | 1.395456 |
|        |          |          |          |          |          |          |
| #1     | .0287861 | 10.58664 | 7.891188 | 1.128649 | 1.057869 | .0927532 |
| #2     | .0283818 | 10.68395 | 7.954858 | 1.132504 | 1.067066 | .0948892 |
| #3     | .0277936 | 10.70229 | 7.942746 | 1.141988 | 1.059824 | .0951513 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3466021 |
| Stddev | .0011207 |
| %RSD   | .3233470 |
|        |          |
| #1     | .3478796 |
| #2     | .3457845 |
| #3     | .3461421 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1770.164 | 34603.17 | 9702.142 | 1008.251 | 2020.832 |
| Stddev    | 6.997    | 108.11   | 30.328   | 5.192    | 1.375    |
| %RSD      | .3952880 | .3124223 | .3125937 | .5149782 | .0680235 |
|           |          |          |          |          |          |
| #1        | 1766.221 | 34597.45 | 9734.436 | 1002.759 | 2019.704 |
| #2        | 1766.028 | 34714.03 | 9674.264 | 1013.080 | 2020.429 |
| #3        | 1778.243 | 34498.04 | 9697.725 | 1008.914 | 2022.364 |

Sample Name: M3112-04      Acquired: 07/28/2021 14:32:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AS7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5803275 | -.005975 | 47.05824 | .0994831 | .1134546 | 56.36758 |
| Stddev | .0036945 | .001677  | .08177   | .0023753 | .0003702 | .17735   |
| %RSD   | .6366181 | 28.06185 | .1737703 | 2.387653 | .3262996 | .3146399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5760616 | -.004224 | 46.96514 | .0971390 | .1130692 | 56.46006 |
| #2 | .5824887 | -.006133 | 47.11841 | .0994217 | .1134871 | 56.47958 |
| #3 | .5824322 | -.007566 | 47.09119 | .1018884 | .1138075 | 56.16310 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9341794 | .0119155 | .0773008 | 28.70895 | .1109626 | .1458222 |
| Stddev | .0011518 | .0000796 | .0002932 | .10346   | .0014863 | .0007913 |
| %RSD   | .1232927 | .6683836 | .3793284 | .3603815 | 1.339485 | .5426533 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9349223 | .0118267 | .0772005 | 28.77865 | .1124868 | .1453559 |
| #2 | .9347632 | .0119391 | .0770708 | 28.75814 | .1108838 | .1467359 |
| #3 | .9328526 | .0119807 | .0776310 | 28.59007 | .1095173 | .1453748 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.357909 | 435.4692 | 3.807088 | 9.197737 | .3607579 | .0319022 |
| Stddev | .012964  | 1.7228   | .002205  | .079522  | .0010515 | .0001617 |
| %RSD   | .2974894 | .3956280 | .0579062 | .8645781 | .2914662 | .5067835 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.366177 | 435.8323 | 3.809585 | 9.210366 | .3595439 | .0317155 |
| #2 | 4.364583 | 436.9816 | 3.806264 | 9.270189 | .3613788 | .0319931 |
| #3 | 4.342968 | 433.5938 | 3.805413 | 9.112657 | .3613510 | .0319980 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.757406 | .1657417 | F 98.80338 | 5.085081 | 3.435083 | .0770680 |
| Stddev | .185626  | .0024203 | .57202     | .042451  | .037811  | .0131369 |
| %RSD   | 10.56248 | 1.460258 | .5789460   | .8348155 | 1.100734 | 17.04585 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.653699 | .1643379 | 99.41070 | 5.086484 | 3.455704 | .0917701 |
| #2 | 1.971711 | .1643507 | 98.72459 | 5.041946 | 3.391445 | .0729516 |
| #3 | 1.646808 | .1685363 | 98.27484 | 5.126814 | 3.458101 | .0664823 |

Sample Name: M3112-04      Acquired: 07/28/2021 14:32:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AS7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253112 | 3.856078 | 6.252018 | 2.059603 | 1.119504 | .0682999 |
| Stddev | .0007097 | .011475  | .034478  | .003060  | .007334  | .0001691 |
| %RSD   | 2.804087 | .2975893 | .5514672 | .1485846 | .6550848 | .2476552 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0247461 | 3.860578 | 6.222114 | 2.058605 | 1.125162 | .0684493 |
| #2 | .0261078 | 3.843034 | 6.289730 | 2.057166 | 1.122130 | .0683343 |
| #3 | .0250796 | 3.864620 | 6.244210 | 2.063037 | 1.111218 | .0681163 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.214410 |
| Stddev | .001091  |
| %RSD   | .5090197 |

|    |          |
|----|----------|
| #1 | -.214351 |
| #2 | -.215530 |
| #3 | -.213350 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1854.603 | 35709.80 | 9939.262 | 1055.462 | 2128.488 |
| Stddev    | 1.472    | 201.38   | 16.728   | 8.610    | 2.149    |
| %RSD      | .0793659 | .5639333 | .1683001 | .8157132 | .1009849 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1854.949 | 35664.19 | 9954.174 | 1051.023 | 2130.578 |
| #2 | 1855.871 | 35930.07 | 9942.437 | 1065.385 | 2126.284 |
| #3 | 1852.989 | 35535.14 | 9921.174 | 1049.978 | 2128.600 |

Sample Name: M3112-05      Acquired: 07/28/2021 14:36:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .9609786 | -.005734 | F 76.00038 | .1221958 | .4324649 | 60.45721 |
| Stddev | .0029132 | .003303  | .31768     | .0056202 | .0021279 | 1.61909  |
| %RSD   | .3031486 | 57.59903 | .4180032   | 4.599300 | .4920401 | 2.678078 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9634158 | -.009274 | 75.65583 | .1266479 | .4348309 | 62.31064 |
| #2 | .9577521 | -.002734 | 76.06360 | .1158807 | .4318557 | 59.31821 |
| #3 | .9617678 | -.005195 | 76.28169 | .1240588 | .4307080 | 59.74279 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.220057 | .0113452 | .0378301 | 86.22347 | .1271877 | .1107212 |
| Stddev | .035216  | .0002508 | .0006448 | 2.43683  | .0011910 | .0007855 |
| %RSD   | 2.886403 | 2.210814 | 1.704369 | 2.826179 | .9364178 | .7094871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.260296 | .0116329 | .0370972 | 88.96474 | .1264672 | .1098729 |
| #2 | 1.194858 | .0112301 | .0383098 | 84.30308 | .1265334 | .1114235 |
| #3 | 1.205018 | .0111725 | .0380832 | 85.40260 | .1285624 | .1108670 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.580292 | 503.9093 | 2.760486 | 12.59838 | .3200338 | .0519998 |
| Stddev | .227092  | 12.0934  | .075554  | .31677   | .0013433 | .0013645 |
| %RSD   | 2.646669 | 2.399910 | 2.736976 | 2.514376 | .4197198 | 2.624038 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.839369 | 517.8312 | 2.846490 | 12.96413 | .3185126 | .0535612 |
| #2 | 8.415683 | 496.0069 | 2.704802 | 12.41193 | .3210566 | .0510368 |
| #3 | 8.485823 | 497.8899 | 2.730167 | 12.41907 | .3205322 | .0514012 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.088062 | .1634279 | F 87.20830 | 3.888703 | 3.187238 | .1159882 |
| Stddev | .248259  | .0014788 | .14794     | .153421  | .026174  | .0022481 |
| %RSD   | 11.88946 | .9048716 | .1696410   | 3.945291 | .8212272 | 1.938215 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.959198 | .1651344 | 87.28851 | 4.065839 | 3.171443 | .1145057 |
| #2 | 1.930732 | .1625223 | 87.03758 | 3.802379 | 3.172819 | .1148841 |
| #3 | 2.374255 | .1626269 | 87.29882 | 3.797890 | 3.217451 | .1185749 |

Sample Name: M3112-05      Acquired: 07/28/2021 14:36:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200586 | 8.803444 | 9.579692 | 3.595172 | 2.773334 | .0582471 |
| Stddev | .0005492 | .047956  | .243247  | .010467  | .070203  | .0024794 |
| %RSD   | 2.737945 | .5447442 | 2.539194 | .2911403 | 2.531342 | 4.256732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0206524 | 8.758896 | 9.860334 | 3.587706 | 2.853623 | .0611089 |
| #2 | .0195688 | 8.797233 | 9.449327 | 3.590673 | 2.723511 | .0568900 |
| #3 | .0199547 | 8.854203 | 9.429415 | 3.607136 | 2.742869 | .0567426 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.191531 |
| Stddev | .003396  |
| %RSD   | 1.773257 |

|    |          |
|----|----------|
| #1 | -.195446 |
| #2 | -.189376 |
| #3 | -.189770 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1774.187 | 34467.01 | 9507.774 | 1006.240 | 2076.975 |
| Stddev    | 3.382    | 31.49    | 244.755  | 2.098    | 4.439    |
| %RSD      | .1906433 | .0913618 | 2.574267 | .2084496 | .2137098 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1772.649 | 34494.78 | 9225.157 | 1005.501 | 2082.025 |
| #2 | 1771.848 | 34432.79 | 9650.167 | 1004.611 | 2075.212 |
| #3 | 1778.066 | 34473.44 | 9647.997 | 1008.607 | 2073.689 |

Sample Name: M3112-07      Acquired: 07/28/2021 14:44:28      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1050127 | -.003549 | 2.271330 | .0779867 | .0090684 | 87.49235 | 1.627637 |
| Stddev | .0049574 | .003162  | .002787  | .0046116 | .0055322 | .06118   | .004876  |
| %RSD   | 4.720723 | 89.10674 | .1227153 | 5.913318 | 61.00476 | .0699241 | .2995946 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1090899 | -.005812 | 2.274528 | .0831127 | .0152871 | 87.42192 | 1.624842 |
| #2 | .1064538 | -.004898 | 2.269420 | .0741748 | .0046938 | 87.53237 | 1.624801 |
| #3 | .0994945 | .000064  | 2.270042 | .0766726 | .0072244 | 87.52275 | 1.633267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0147876 | .0034387 | 29.71316 | .1991339 | .2104835 | .5219611 | 360.4296 |
| Stddev | .0001370 | .0001180 | .09940   | .0007525 | .0018777 | .0020851 | .9715    |
| %RSD   | .9264775 | 3.430465 | .3345454 | .3778981 | .8920838 | .3994797 | .2695533 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0149102 | .0033603 | 29.60507 | .1984254 | .2101174 | .5195809 | 360.4451 |
| #2 | .0146397 | .0035744 | 29.73375 | .1990525 | .2088158 | .5228367 | 361.3934 |
| #3 | .0148129 | .0033816 | 29.80065 | .1999238 | .2125173 | .5234657 | 359.4505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.56493 | 19.42874 | .3211168 | .0148067 | 1.082737 | .2561794 | 5.194965 |
| Stddev | .06242   | .05591   | .0012061 | .0004993 | .102661  | .0046727 | .058932  |
| %RSD   | .4601800 | .2877602 | .3755917 | 3.372403 | 9.481616 | 1.823998 | 1.134402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.49968 | 19.46774 | .3209932 | .0147043 | 1.171685 | .2507925 | 5.157767 |
| #2 | 13.57105 | 19.36469 | .3199773 | .0153493 | .970400  | .2586085 | 5.262912 |
| #3 | 13.62407 | 19.45379 | .3223799 | .0143664 | 1.106127 | .2591372 | 5.164217 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.471710 | 5.520832 | .0779050 | .0097486 | 4.803659 | 7.597715 | .1166522 |
| Stddev | .075559  | .035836  | .0052516 | .0003866 | .010984  | .030449  | .0003563 |
| %RSD   | 1.011269 | .6491020 | 6.741026 | 3.965821 | .2286489 | .4007711 | .3054590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.485540 | 5.504995 | .0839606 | .0096771 | 4.791163 | 7.607719 | .1162818 |
| #2 | 7.539400 | 5.495643 | .0746003 | .0094027 | 4.811782 | 7.621903 | .1166823 |
| #3 | 7.390192 | 5.561858 | .0751541 | .0101659 | 4.808033 | 7.563522 | .1169925 |



Sample Name: M3112-07      Acquired: 07/28/2021 14:44:28      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AQ4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9071790 | .1046923 | -.130232 |
| Stddev | .0027514 | .0008969 | .000894  |
| %RSD   | .3032892 | .8566538 | .6861283 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9040177 | .1055707 | -.130680 |
| #2 | .9090331 | .1047281 | -.130813 |
| #3 | .9084862 | .1037781 | -.129203 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1931.225 | 36762.62 | 10312.92 | 1088.945 | 2125.521 |
| Stddev    | 3.701    | 41.26    | 39.04    | 3.416    | 3.288    |
| %RSD      | .1916426 | .1122234 | .3785627 | .3137047 | .1546940 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1928.473 | 36775.91 | 10270.81 | 1085.773 | 2123.531 |
| #2 | 1935.433 | 36716.36 | 10320.04 | 1088.501 | 2129.316 |
| #3 | 1929.770 | 36795.60 | 10347.92 | 1092.562 | 2123.715 |

Sample Name: M3112-08      Acquired: 07/28/2021 14:48:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AQ5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.107260 | -.005087 | 4.694513 | .0793854 | .0311903 | 63.03583 | .8539850 |
| Stddev | .007578  | .006519  | .012530  | .0009934 | .0024451 | .26235   | .0039199 |
| %RSD   | .3596283 | 128.1571 | .2668980 | 1.251331 | 7.839386 | .4161954 | .4590087 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.113595 | -.012557 | 4.683948 | .0785512 | .0340135 | 62.74651 | .8496632 |
| #2 | 2.098865 | -.000547 | 4.691235 | .0804843 | .0298011 | 63.25827 | .8573108 |
| #3 | 2.109321 | -.002156 | 4.708355 | .0791207 | .0297562 | 63.10271 | .8549809 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0108231 | .0147799 | 32.24433 | .1468104 | .1013854 | .8665478 | 335.4446 |
| Stddev | .0002564 | .0002444 | .10693   | .0006048 | .0002251 | .0041092 | 1.9902   |
| %RSD   | 2.368693 | 1.653731 | .3316113 | .4119595 | .2220498 | .4742025 | .5933135 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0107853 | .0150266 | 32.12123 | .1470512 | .1016290 | .8630940 | 333.4835 |
| #2 | .0110963 | .0145378 | 32.31413 | .1472577 | .1013424 | .8710923 | 337.4627 |
| #3 | .0105878 | .0147752 | 32.29764 | .1461223 | .1011849 | .8654571 | 335.3875 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.057096 | 14.83513 | .1722381 | .0169053 | 1.815881 | .1837352 | 9.831153 |
| Stddev | .011130  | .09144   | .0011497 | .0005835 | .208877  | .0003707 | .095128  |
| %RSD   | .3640603 | .6163770 | .6674756 | 3.451517 | 11.50281 | .2017850 | .9676203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.044246 | 14.73370 | .1713260 | .0167967 | 1.670841 | .1834015 | 9.805931 |
| #2 | 3.063347 | 14.91125 | .1718589 | .0175354 | 1.721510 | .1836697 | 9.751178 |
| #3 | 3.063694 | 14.86045 | .1735295 | .0163837 | 2.055291 | .1841343 | 9.936351 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.726730 | 3.305641 | .0901841 | .0094589 | 7.209969 | 11.07476 | .2452484 |
| Stddev | .021523  | .007515  | .0037046 | .0010287 | .021428  | .06605   | .0023922 |
| %RSD   | .3758275 | .2273398 | 4.107806 | 10.87520 | .2972030 | .5964063 | .9754287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.706784 | 3.304273 | .0861959 | .0102685 | 7.193773 | 11.07673 | .2428219 |
| #2 | 5.723864 | 3.313746 | .0935179 | .0098068 | 7.201866 | 11.13981 | .2453185 |
| #3 | 5.749542 | 3.298904 | .0908386 | .0083014 | 7.234267 | 11.00775 | .2476048 |

Sample Name: M3112-08      Acquired: 07/28/2021 14:48:27      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AQ5      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.179660 | .0839485 | -.041240 |
| Stddev | .003425  | .0009616 | .002284  |
| %RSD   | .2902957 | 1.145475 | 5.537510 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.176054 | .0831185 | -.038920 |
| #2 | 1.182868 | .0850023 | -.043486 |
| #3 | 1.180060 | .0837248 | -.041312 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1824.004 | 34842.50 | 9647.956 | 1028.455 | 2122.349 |
| Stddev    | 3.641    | 165.67   | 20.117   | 11.485   | 3.842    |
| %RSD      | .1996242 | .4754761 | .2085134 | 1.116703 | .1810078 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1821.195 | 35018.24 | 9670.936 | 1027.743 | 2125.873 |
| #2 | 1822.699 | 34820.09 | 9633.527 | 1040.279 | 2122.922 |
| #3 | 1828.118 | 34689.18 | 9639.404 | 1017.342 | 2118.254 |

Sample Name: M3112-09      Acquired: 07/28/2021 14:52:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .9462145 | -.003135 | F 140.6442 | .2088250 | .7340893 | 61.62455 |
| Stddev | .0058842 | .002629  | .3495      | .0032971 | .0042522 | .19746   |
| %RSD   | .6218645 | 83.86028 | .2484937   | 1.578873 | .5792465 | .3204193 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9413041 | -.004503 | 140.2919 | .2103460 | .7384306 | 61.65210 |
| #2 | .9527366 | -.000104 | 140.6498 | .2050419 | .7299322 | 61.41476 |
| #3 | .9446029 | -.004797 | 140.9908 | .2110869 | .7339051 | 61.80678 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.748331 | .0147526 | .2918740 | 43.02100 | .0858399 | .1466392 |
| Stddev | .003500  | .0001131 | .0010701 | .18312   | .0012754 | .0002237 |
| %RSD   | .1273347 | .7663442 | .3666221 | .4256538 | 1.485841 | .1525682 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.747414 | .0148006 | .2911656 | 42.94981 | .0847675 | .1468438 |
| #2 | 2.745382 | .0146234 | .2913516 | 42.88417 | .0855019 | .1464003 |
| #3 | 2.752198 | .0148337 | .2931050 | 43.22903 | .0872503 | .1466734 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.81675 | F 833.8258 | 2.972600 | 8.291602 | .4256491 | .1198229 |
| Stddev | .03357   | 3.5826     | .005129  | .071740  | .0028616 | .0006293 |
| %RSD   | .3103909 | .4296574   | .1725569 | .8652100 | .6722873 | .5251608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.80904 | 833.6583 | 2.967114 | 8.269742 | .4227370 | .1191097 |
| #2 | 10.78770 | 830.3298 | 2.973408 | 8.233336 | .4257530 | .1200590 |
| #3 | 10.85351 | 837.4891 | 2.977277 | 8.371729 | .4284573 | .1202999 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 3.500766 | .1598395 | F 243.4604 | 3.203644 | 5.105171 | .1503747 |
| Stddev | .206581  | .0030648 | 2.3301     | .028926  | .018925  | .0128868 |
| %RSD   | 5.901027 | 1.917427 | .9570842   | .9029155 | .3706950 | 8.569819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.672712 | .1627940 | 245.9646 | 3.236789 | 5.083769 | .1575110 |
| #2 | 3.557977 | .1566752 | 241.3561 | 3.183496 | 5.119693 | .1354984 |
| #3 | 3.271609 | .1600493 | 243.0605 | 3.190648 | 5.112052 | .1581149 |

Sample Name: M3112-09      Acquired: 07/28/2021 14:52:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0190647 | 26.02228 | 14.09047 | 5.270856 | 4.526644 | .0396181 |
| Stddev | .0006411 | .06454   | .02541   | .028611  | .018539  | .0010670 |
| %RSD   | 3.362856 | .2480251 | .1803243 | .5428126 | .4095554 | 2.693098 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0183265 | 25.95161 | 14.07394 | 5.241181 | 4.532720 | .0384157 |
| #2 | .0193849 | 26.03710 | 14.07773 | 5.273121 | 4.505829 | .0399863 |
| #3 | .0194826 | 26.07812 | 14.11972 | 5.298268 | 4.541383 | .0404521 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.523081 |
| Stddev | .002812  |
| %RSD   | .5376656 |

|    |          |
|----|----------|
| #1 | -.523298 |
| #2 | -.520166 |
| #3 | -.525778 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1753.569 | 34166.89 | 9419.198 | 996.0784 | 2070.757 |
| Stddev    | 4.455    | 70.57    | 29.141   | 11.6979  | .197     |
| %RSD      | .2540294 | .2065361 | .3093793 | 1.174394 | .0095135 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1750.338 | 34136.96 | 9394.893 | 982.6764 | 2070.965 |
| #2 | 1751.719 | 34116.22 | 9451.504 | 1004.239 | 2070.574 |
| #3 | 1758.651 | 34247.49 | 9411.198 | 1001.320 | 2070.731 |

Sample Name: M3112-10      Acquired: 07/28/2021 14:56:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5704337 | -.004672 | 25.81168 | .1363559 | .0763906 | 57.25209 |
| Stddev | .0157680 | .003581  | .07830   | .0026140 | .0022038 | .15874   |
| %RSD   | 2.764206 | 76.64856 | .3033474 | 1.917014 | 2.884853 | .2772611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5608500 | -.007527 | 25.78977 | .1344554 | .0786734 | 57.07164 |
| #2 | .5618186 | -.000654 | 25.74666 | .1352754 | .0742755 | 57.37016 |
| #3 | .5886323 | -.005835 | 25.89860 | .1393368 | .0762228 | 57.31448 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9966394 | .0192515 | .1923052 | 58.88769 | .1362476 | .1102800 |
| Stddev | .0006238 | .0004594 | .0004894 | .25419   | .0008370 | .0008912 |
| %RSD   | .0625876 | 2.386579 | .2544904 | .4316458 | .6143585 | .8081144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9960215 | .0187330 | .1922753 | 58.59700 | .1362659 | .1105046 |
| #2 | .9966277 | .0196082 | .1918314 | 58.99788 | .1354015 | .1092979 |
| #3 | .9972689 | .0194131 | .1928088 | 59.06819 | .1370753 | .1110373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.024332 | 621.5207 | 5.330407 | 10.98396 | .2303351 | .0564021 |
| Stddev | .015721  | 2.2238   | .029448  | .06808   | .0011257 | .0003362 |
| %RSD   | .3906448 | .3577955 | .5524590 | .6197740 | .4887222 | .5960728 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.006302 | 619.9769 | 5.298178 | 10.90545 | .2311512 | .0561843 |
| #2 | 4.031524 | 624.0695 | 5.337132 | 11.02662 | .2290509 | .0567893 |
| #3 | 4.035170 | 620.5155 | 5.355911 | 11.01981 | .2308034 | .0562326 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.943661 | .1436248 | F 159.6518 | 5.182724 | 2.724928 | .1527910 |
| Stddev | .066781  | .0028070 | .3259      | .065902  | .012131  | .0052888 |
| %RSD   | 2.268622 | 1.954391 | .2041213   | 1.271580 | .4451844 | 3.461478 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.900770 | .1420505 | 159.3411 | 5.107090 | 2.712034 | .1568947 |
| #2 | 2.909609 | .1468656 | 159.6234 | 5.227807 | 2.726635 | .1468224 |
| #3 | 3.020603 | .1419583 | 159.9910 | 5.213274 | 2.736115 | .1546561 |

Sample Name: M3112-10      Acquired: 07/28/2021 14:56:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0131204 | 16.59390 | 13.20039 | .5123504 | 1.975756 | .0587145 |
| Stddev | .0015522 | .07299   | .11249   | .0014915 | .005436  | .0017443 |
| %RSD   | 11.83057 | .4398868 | .8521699 | .2911119 | .2751274 | 2.970842 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0136135 | 16.51613 | 13.12519 | .5111196 | 1.969690 | .0596798 |
| #2 | .0143661 | 16.60465 | 13.32971 | .5119225 | 1.977394 | .0597628 |
| #3 | .0113815 | 16.66092 | 13.14626 | .5140091 | 1.980185 | .0567009 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.230954 |
| Stddev | .001446  |
| %RSD   | .6260961 |

|    |          |
|----|----------|
| #1 | -.229523 |
| #2 | -.232415 |
| #3 | -.230923 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1785.214 | 34407.09 | 9588.348 | 1016.683 | 2084.793 |
| Stddev    | 3.851    | 162.08   | 51.555   | 2.371    | 4.563    |
| %RSD      | .2157294 | .4710595 | .5376809 | .2331712 | .2188658 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1781.061 | 34222.66 | 9595.038 | 1015.826 | 2080.434 |
| #2 | 1788.668 | 34526.85 | 9533.775 | 1014.859 | 2089.536 |
| #3 | 1785.913 | 34471.76 | 9636.231 | 1019.363 | 2084.408 |

Sample Name: M3112-11      Acquired: 07/28/2021 15:00:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1234909 | -.005972 | 1.236558 | .0850213 | .0094136 | 100.4581 | 1.661475 |
| Stddev | .0057544 | .002324  | .008490  | .0045188 | .0023120 | .1565    | .003316  |
| %RSD   | 4.659798 | 38.91395 | .6865538 | 5.314896 | 24.56062 | .1558028 | .1995642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1191865 | -.006353 | 1.231643 | .0871202 | .0106633 | 100.3921 | 1.657682 |
| #2 | .1212593 | -.003481 | 1.231670 | .0881090 | .0108318 | 100.6368 | 1.663822 |
| #3 | .1300269 | -.008081 | 1.246361 | .0798348 | .0067456 | 100.3455 | 1.662921 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0159748 | .0034198 | 25.65778 | .2098848 | .2319216 | .4368882 | 367.6493 |
| Stddev | .0000640 | .0001971 | .06435   | .0006780 | .0003839 | .0025890 | .7631    |
| %RSD   | .4006951 | 5.762135 | .2508164 | .3230312 | .1655434 | .5926096 | .2075755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0160274 | .0032053 | 25.63762 | .2105069 | .2317314 | .4349083 | 367.2920 |
| #2 | .0159934 | .0034613 | 25.72980 | .2091621 | .2316699 | .4359383 | 367.1303 |
| #3 | .0159035 | .0035928 | 25.60592 | .2099854 | .2323635 | .4398180 | 368.5255 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.46862 | 22.03528 | .3559497 | .0167591 | 1.208446 | .2664428 | 3.651680 |
| Stddev | .01333   | .03640   | .0024556 | .0002258 | .222372  | .0012132 | .038725  |
| %RSD   | .0989360 | .1651695 | .6898682 | 1.347504 | 18.40149 | .4553369 | 1.060459 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.47612 | 22.05034 | .3531143 | .0166144 | 1.266074 | .2654486 | 3.653739 |
| #2 | 13.47650 | 21.99377 | .3573496 | .0170194 | 1.396332 | .2677946 | 3.611967 |
| #3 | 13.45323 | 22.06173 | .3573853 | .0166436 | .962933  | .2660852 | 3.689334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.074203 | 5.736814 | .0705724 | .0080266 | 3.604928 | 9.883020 | .0783686 |
| Stddev | .030219  | .026345  | .0055062 | .0005644 | .015285  | .023684  | .0025342 |
| %RSD   | .3330254 | .4592347 | 7.802228 | 7.032179 | .4239949 | .2396449 | 3.233744 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.075514 | 5.709501 | .0712651 | .0086205 | 3.590229 | 9.883545 | .0766648 |
| #2 | 9.043350 | 5.762072 | .0647525 | .0074971 | 3.620738 | 9.906437 | .0812809 |
| #3 | 9.103746 | 5.738868 | .0756994 | .0079623 | 3.603817 | 9.859078 | .0771601 |



Sample Name: M3112-11      Acquired: 07/28/2021 15:00:19      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AS8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.044725 | .1168923 | -.145042 |
| Stddev | .002702  | .0013274 | .000985  |
| %RSD   | .2586120 | 1.135538 | .6793214 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.041858 | .1177559 | -.144575 |
| #2 | 1.047224 | .1175570 | -.144376 |
| #3 | 1.045093 | .1153639 | -.146174 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1949.531 | 37245.56 | 10343.37 | 1104.955 | 2116.761 |
| Stddev    | 4.895    | 89.48    | 45.50    | 9.315    | 8.002    |
| %RSD      | .2511080 | .2402363 | .4398837 | .8430598 | .3780128 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1953.515 | 37156.95 | 10292.25 | 1098.706 | 2125.508 |
| #2 | 1951.012 | 37335.88 | 10358.42 | 1115.662 | 2114.963 |
| #3 | 1944.066 | 37243.84 | 10379.43 | 1100.498 | 2109.811 |

Sample Name: M3112-12      Acquired: 07/28/2021 15:04:19      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1214379 | -.008989 | 2.652243 | .0779972 | .0106534 | 78.60725 | 1.488001 |
| Stddev | .0063342 | .006623  | .009930  | .0024448 | .0004144 | .06199   | .001640  |
| %RSD   | 5.215973 | 73.67459 | .3743881 | 3.134470 | 3.889518 | .0788592 | .1101996 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1151286 | -.013830 | 2.663610 | .0765697 | .0110908 | 78.60608 | 1.486178 |
| #2 | .1213884 | -.011697 | 2.645259 | .0766017 | .0106027 | 78.66981 | 1.489356 |
| #3 | .1277967 | -.001442 | 2.647859 | .0808202 | .0102668 | 78.54585 | 1.488468 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0140461 | .0042974 | 22.51958 | .1914577 | .2055124 | .5262738 | 342.6269 |
| Stddev | .0002482 | .0001113 | .04789   | .0005228 | .0008410 | .0029427 | .8765    |
| %RSD   | 1.766789 | 2.590877 | .2126376 | .2730691 | .4092147 | .5591612 | .2558257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0137752 | .0042878 | 22.46464 | .1910578 | .2064830 | .5235809 | 343.0631 |
| #2 | .0141006 | .0041912 | 22.54171 | .1912660 | .2050550 | .5294150 | 343.1998 |
| #3 | .0142625 | .0044132 | 22.55241 | .1920493 | .2049992 | .5258257 | 341.6179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.67823 | 16.50839 | .3075088 | .0165462 | .9184821 | .2259484 | 5.444708 |
| Stddev | .01265   | .04741   | .0003858 | .0003816 | .3189492 | .0010204 | .035986  |
| %RSD   | .1184356 | .2872088 | .1254757 | 2.306022 | 34.72568 | .4515945 | .6609403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.68128 | 16.48026 | .3073859 | .0161339 | .6442326 | .2271205 | 5.461937 |
| #2 | 10.68908 | 16.56313 | .3079411 | .0168869 | .8427245 | .2254671 | 5.403346 |
| #3 | 10.66434 | 16.48178 | .3071993 | .0166178 | 1.268489 | .2252578 | 5.468841 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.063565 | 5.277480 | .0685349 | .0085902 | 4.227857 | 10.72897 | .1634451 |
| Stddev | .030376  | .017088  | .0089502 | .0004864 | .003515  | .07897   | .0030771 |
| %RSD   | .4300403 | .3237902 | 13.05939 | 5.662383 | .0831504 | .7360211 | 1.882676 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.029588 | 5.296101 | .0722646 | .0087909 | 4.226733 | 10.68904 | .1614677 |
| #2 | 7.088096 | 5.273822 | .0583230 | .0080356 | 4.231797 | 10.81993 | .1669904 |
| #3 | 7.073012 | 5.262518 | .0750172 | .0089441 | 4.225040 | 10.67794 | .1618773 |

Sample Name: M3112-12      Acquired: 07/28/2021 15:04:19      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AS9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9911420 | .0935281 | -.133671 |
| Stddev | .0008498 | .0012554 | .000389  |
| %RSD   | .0857352 | 1.342297 | .2907732 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .9901892 | .0943650 | -.133954 |
| #2 | .9914152 | .0941348 | -.133831 |
| #3 | .9918215 | .0920846 | -.133228 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1904.491 | 36337.97 | 10120.04 | 1078.008 | 2118.799 |
| Stddev    | 1.491    | 94.91    | 61.17    | 7.211    | 5.228    |
| %RSD      | .0782700 | .2611864 | .6044791 | .6689438 | .2467545 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1904.491 | 36249.38 | 10090.96 | 1069.837 | 2112.873 |
| #2 | 1905.981 | 36326.40 | 10078.82 | 1083.482 | 2122.759 |
| #3 | 1903.000 | 36438.14 | 10190.32 | 1080.705 | 2120.766 |

Sample Name: M3112-13      Acquired: 07/28/2021 15:08:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.684444 | -.004539 | 3.684476 | .0740873 | .0213715 | 73.01365 | .9471177 |
| Stddev | .019695  | .004011  | .001915  | .0023419 | .0018603 | .41623   | .0024546 |
| %RSD   | 1.169250 | 88.36808 | .0519770 | 3.160955 | 8.704461 | .5700750 | .2591631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.692698 | -.003076 | 3.682334 | .0719009 | .0235188 | 72.64416 | .9442853 |
| #2 | 1.661964 | -.009077 | 3.685075 | .0765586 | .0202489 | 73.46459 | .9484431 |
| #3 | 1.698669 | -.001465 | 3.686021 | .0738025 | .0203467 | 72.93219 | .9486247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116727 | .0135316 | 75.15649 | .1622767 | .1198844 | .7213083 | 333.4991 |
| Stddev | .0000353 | .0002388 | .36611   | .0007248 | .0004429 | .0055359 | 2.1294   |
| %RSD   | .3020583 | 1.764643 | .4871238 | .4466521 | .3694128 | .7674733 | .6385095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0116733 | .0136051 | 74.78962 | .1624051 | .1203958 | .7177591 | 331.8543 |
| #2 | .0116372 | .0132646 | 75.52183 | .1629288 | .1196260 | .7276870 | 335.9043 |
| #3 | .0117077 | .0137249 | 75.15803 | .1614963 | .1196314 | .7184787 | 332.7385 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.758402 | 19.82297 | .2308729 | .0157564 | 1.950105 | .1884078 | 9.056421 |
| Stddev | .009147  | .19997   | .0018522 | .0004877 | .148845  | .0043001 | .143023  |
| %RSD   | .2433781 | 1.008768 | .8022394 | 3.095472 | 7.632679 | 2.282322 | 1.579244 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.752943 | 19.65679 | .2314461 | .0153482 | 2.012096 | .1927526 | 8.895153 |
| #2 | 3.768963 | 20.04490 | .2323707 | .0162965 | 2.057935 | .1883171 | 9.106234 |
| #3 | 3.753302 | 19.76721 | .2288020 | .0156244 | 1.780283 | .1841539 | 9.167876 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.789101 | 4.077261 | .0878047 | .0079626 | 7.708449 | 8.595696 | .1636949 |
| Stddev | .045154  | .007066  | .0084755 | .0004713 | .012678  | .079113  | .0028487 |
| %RSD   | .5797069 | .1733038 | 9.652683 | 5.918783 | .1644703 | .9203785 | 1.740230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.766318 | 4.083828 | .0788890 | .0085065 | 7.712647 | 8.644032 | .1629478 |
| #2 | 7.759877 | 4.078170 | .0887674 | .0077058 | 7.718495 | 8.638658 | .1612942 |
| #3 | 7.841107 | 4.069784 | .0957578 | .0076754 | 7.694204 | 8.504397 | .1668427 |

Sample Name: M3112-13      Acquired: 07/28/2021 15:08:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.017599 | .1010370 | .0415891 |
| Stddev | .008413  | .0008413 | .0004164 |
| %RSD   | .8267544 | .8326397 | 1.001199 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.009033 | .1003386 | .0419629 |
| #2 | 1.025851 | .1008013 | .0416641 |
| #3 | 1.017912 | .1019709 | .0411403 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1830.219 | 34952.28 | 9746.949 | 1034.883 | 2110.062 |
| Stddev    | 4.171    | 126.83   | 25.297   | 9.683    | 3.281    |
| %RSD      | .2279220 | .3628633 | .2595388 | .9356916 | .1554839 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1832.551 | 35044.12 | 9721.449 | 1038.948 | 2109.564 |
| #2 | 1825.403 | 35005.14 | 9747.360 | 1041.872 | 2107.058 |
| #3 | 1832.702 | 34807.57 | 9772.038 | 1023.830 | 2113.563 |

Sample Name: M3112-14      Acquired: 07/28/2021 15:12:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5843895 | -.006746 | 46.57978 | .1031417 | .2372063 | 72.54116 |
| Stddev | .0026637 | .004193  | .08717   | .0010210 | .0020017 | .14867   |
| %RSD   | .4558139 | 62.15685 | .1871362 | .9899063 | .8438533 | .2049499 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5874558 | -.010127 | 46.50932 | .1041434 | .2362192 | 72.50523 |
| #2 | .5826472 | -.002054 | 46.55276 | .1031793 | .2358899 | 72.41374 |
| #3 | .5830655 | -.008058 | 46.67726 | .1021024 | .2395097 | 72.70450 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.556804 | .0125794 | .0711930 | 47.22830 | .1477790 | .1379617 |
| Stddev | .001957  | .0001917 | .0001406 | .15400   | .0002102 | .0005876 |
| %RSD   | .1257158 | 1.523526 | .1974377 | .3260760 | .1422342 | .4259368 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.554926 | .0126684 | .0710382 | 47.06269 | .1478271 | .1380734 |
| #2 | 1.556655 | .0123594 | .0713128 | 47.36720 | .1479610 | .1384855 |
| #3 | 1.558832 | .0127103 | .0712278 | 47.25499 | .1475489 | .1373263 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.514606 | 443.9383 | 2.883916 | 23.37423 | .4089359 | .0463796 |
| Stddev | .002537  | 2.3917   | .001948  | .16930   | .0017102 | .0002516 |
| %RSD   | .0561873 | .5387475 | .0675407 | .7242977 | .4182129 | .5425648 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.511750 | 445.7398 | 2.882596 | 23.33563 | .4079370 | .0465330 |
| #2 | 4.515469 | 441.2248 | 2.886153 | 23.22756 | .4079601 | .0460892 |
| #3 | 4.516597 | 444.8505 | 2.883000 | 23.55949 | .4109106 | .0465167 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.734098 | .1809144 | F 100.6341 | 10.00046 | 4.870346 | .0937285 |
| Stddev | .115587  | .0021116 | .2971      | .08493   | .026681  | .0034193 |
| %RSD   | 6.665552 | 1.167175 | .2952256   | .8492358 | .5478239 | 3.648129 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.841793 | .1821374 | 100.4329 | 10.08632 | 4.887332 | .0899614 |
| #2 | 1.611974 | .1784762 | 100.9754 | 9.91649  | 4.839594 | .0945879 |
| #3 | 1.748528 | .1821296 | 100.4941 | 9.99858  | 4.884112 | .0966362 |

Sample Name: M3112-14      Acquired: 07/28/2021 15:12:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0085913 | 7.070645 | 6.875880 | 2.987214 | 1.370683 | .0823797 |
| Stddev | .0006878 | .047242  | .041903  | .004359  | .003197  | .0005707 |
| %RSD   | 8.005405 | .6681488 | .6094149 | .1459145 | .2332702 | .6927454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0093727 | 7.121395 | 6.912488 | 2.988838 | 1.369674 | .0822682 |
| #2 | .0083232 | 7.027944 | 6.830177 | 2.982276 | 1.368112 | .0818729 |
| #3 | .0080780 | 7.062597 | 6.884975 | 2.990527 | 1.374264 | .0829979 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.168049 |
| Stddev | .002367  |
| %RSD   | 1.408398 |

|    |          |
|----|----------|
| #1 | -.169802 |
| #2 | -.165357 |
| #3 | -.168988 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1837.921 | 35161.61 | 9739.761 | 1039.946 | 2118.515 |
| Stddev    | 2.591    | 22.64    | 68.568   | 1.092    | .879     |
| %RSD      | .1409477 | .0643756 | .7040005 | .1050489 | .0415061 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1835.053 | 35135.76 | 9680.523 | 1039.257 | 2117.915 |
| #2 | 1840.091 | 35177.87 | 9814.874 | 1041.205 | 2119.524 |
| #3 | 1838.620 | 35171.19 | 9723.884 | 1039.375 | 2118.106 |

Sample Name: M3112-15      Acquired: 07/28/2021 15:16:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2136016 | -.008802 | 20.29259 | .0804621 | .1279331 | 56.76365 |
| Stddev | .0068167 | .004981  | .03055   | .0030588 | .0020868 | .12666   |
| %RSD   | 3.191299 | 56.58491 | .1505668 | 3.801523 | 1.631144 | .2231274 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2131558 | -.013475 | 20.25734 | .0790503 | .1256608 | 56.63585 |
| #2 | .2206303 | -.003562 | 20.30893 | .0783643 | .1283750 | 56.76596 |
| #3 | .2070189 | -.009369 | 20.31150 | .0839718 | .1297635 | 56.88913 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.656288 | .0108779 | .2677276 | 89.16525 | .0759939 | .0808149 |
| Stddev | .004296  | .0001242 | .0009173 | .14593   | .0002101 | .0003426 |
| %RSD   | .2593966 | 1.141795 | .3426333 | .1636570 | .2764196 | .4238883 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.661044 | .0107756 | .2676148 | 89.13171 | .0758172 | .0811478 |
| #2 | 1.652687 | .0108421 | .2686962 | 89.03901 | .0762261 | .0808333 |
| #3 | 1.655135 | .0110161 | .2668719 | 89.32502 | .0759382 | .0804635 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.058580 | 371.6432 | 3.036706 | 7.567675 | .1666791 | .0240267 |
| Stddev | .006778  | .6578    | .001436  | .067842  | .0000737 | .0004357 |
| %RSD   | .2216044 | .1770057 | .0472847 | .8964737 | .0442218 | 1.813367 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.050946 | 371.0859 | 3.035451 | 7.514230 | .1667511 | .0240259 |
| #2 | 3.063893 | 371.4749 | 3.038272 | 7.544796 | .1666038 | .0235914 |
| #3 | 3.060900 | 372.3688 | 3.036396 | 7.643999 | .1666825 | .0244627 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.371329 | .1467299 | F 88.85808 | 3.476502 | 2.029631 | .1658189 |
| Stddev | .200578  | .0038183 | .31848     | .050106  | .013150  | .0034523 |
| %RSD   | 8.458450 | 2.602288 | .3584120   | 1.441273 | .6479106 | 2.081999 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.255790 | .1470214 | 89.19605 | 3.494315 | 2.019963 | .1636388 |
| #2 | 2.602936 | .1503941 | 88.56356 | 3.515268 | 2.024324 | .1640186 |
| #3 | 2.255262 | .1427741 | 88.81462 | 3.419924 | 2.044605 | .1697993 |



Sample Name: M3112-15      Acquired: 07/28/2021 15:16:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AT2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116497 | 22.85407 | 9.506461 | 1.242845 | 2.282356 | .0512857 |
| Stddev | .0009584 | .03829   | .015306  | .002895  | .007368  | .0004991 |
| %RSD   | 8.227041 | .1675477 | .1610111 | .2329562 | .3228120 | .9732767 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0127561 | 22.82218 | 9.512818 | 1.244180 | 2.277835 | .0511168 |
| #2 | .0110753 | 22.89654 | 9.517564 | 1.239523 | 2.278374 | .0508930 |
| #3 | .0111177 | 22.84350 | 9.489000 | 1.244833 | 2.290857 | .0518475 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3863599 |
| Stddev | .0003989 |
| %RSD   | .1032383 |

|    |          |
|----|----------|
| #1 | .3867528 |
| #2 | .3859553 |
| #3 | .3863715 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1762.651 | 33779.05 | 9448.888 | 1000.849 | 2100.820 |
| Stddev    | 4.267    | 40.85    | 33.861   | 2.210    | 1.312    |
| %RSD      | .2420740 | .1209368 | .3583613 | .2207909 | .0624528 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1758.661 | 33750.82 | 9468.086 | 999.219  | 2099.306 |
| #2 | 1767.149 | 33760.43 | 9409.790 | 999.963  | 2101.554 |
| #3 | 1762.144 | 33825.89 | 9468.786 | 1003.364 | 2101.602 |

Sample Name: M3112-16      Acquired: 07/28/2021 15:20:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AX2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1408269 | -.005462 | 2.936140 | .0835618 | .0136398 | 87.79263 | 1.679151 |
| Stddev | .0037167 | .002553  | .007260  | .0041916 | .0017218 | .40385   | .005796  |
| %RSD   | 2.639217 | 46.74454 | .2472714 | 5.016136 | 12.62333 | .4600021 | .3451757 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1450965 | -.002894 | 2.930585 | .0787618 | .0117010 | 87.37295 | 1.685688 |
| #2 | .1390691 | -.008000 | 2.944355 | .0854238 | .0149904 | 87.82641 | 1.677123 |
| #3 | .1383152 | -.005492 | 2.933479 | .0864999 | .0142279 | 88.17852 | 1.674641 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0162042 | .0053260 | 25.89155 | .2119019 | .2336337 | .6311544 | 390.3056 |
| Stddev | .0003977 | .0003870 | .12119   | .0002848 | .0003138 | .0034466 | 3.8163   |
| %RSD   | 2.454401 | 7.265588 | .4680604 | .1344204 | .1343215 | .5460864 | .9777836 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0157663 | .0056748 | 25.84978 | .2116630 | .2333187 | .6271809 | 386.0975 |
| #2 | .0163030 | .0053935 | 25.79677 | .2118254 | .2339464 | .6333358 | 391.2765 |
| #3 | .0165431 | .0049097 | 26.02809 | .2122171 | .2336361 | .6329466 | 393.5426 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.27655 | 18.54619 | .3574800 | .0182163 | 1.326211 | .2533513 | 6.288823 |
| Stddev | .01886   | .23586   | .0003544 | .0008430 | .168165  | .0040017 | .043102  |
| %RSD   | .1535927 | 1.271753 | .0991262 | 4.627499 | 12.68010 | 1.579512 | .6853768 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.29772 | 18.28759 | .3572723 | .0172780 | 1.205299 | .2488200 | 6.240187 |
| #2 | 12.27041 | 18.60150 | .3578892 | .0184612 | 1.255081 | .2564006 | 6.303991 |
| #3 | 12.26154 | 18.74948 | .3572786 | .0189097 | 1.518252 | .2548334 | 6.322290 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.461399 | 5.964058 | .0744333 | .0103621 | 5.239328 | 7.161694 | .2356533 |
| Stddev | .056821  | .017602  | .0097364 | .0009196 | .005661  | .090175  | .0022544 |
| %RSD   | .7615376 | .2951314 | 13.08071 | 8.875044 | .1080488 | 1.259136 | .9566721 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.396085 | 5.958776 | .0691810 | .0093365 | 5.232963 | 7.092941 | .2354468 |
| #2 | 7.499465 | 5.949701 | .0856680 | .0111134 | 5.241223 | 7.128347 | .2335093 |
| #3 | 7.488647 | 5.983696 | .0684509 | .0106363 | 5.243798 | 7.263793 | .2380039 |

Sample Name: M3112-16      Acquired: 07/28/2021 15:20:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AX2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7436676 | .1034508 | -.140215 |
| Stddev | .0047146 | .0008104 | .003304  |
| %RSD   | .6339654 | .7833790 | 2.356433 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7383659 | .1029544 | -.136454 |
| #2 | .7452475 | .1043860 | -.141537 |
| #3 | .7473893 | .1030119 | -.142653 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1963.621 | 37373.61 | 10310.67 | 1107.225 | 2146.748 |
| Stddev    | 1.578    | 22.51    | 70.40    | 2.255    | 2.584    |
| %RSD      | .0803772 | .0602309 | .6827978 | .2036723 | .1203516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1963.607 | 37352.59 | 10385.33 | 1108.021 | 2147.833 |
| #2 | 1965.206 | 37370.87 | 10301.18 | 1104.680 | 2143.799 |
| #3 | 1962.049 | 37397.36 | 10245.49 | 1108.975 | 2148.612 |

Sample Name: M3112-18      Acquired: 07/28/2021 15:24:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .8332619 | -.013456 | F 142.0499 | .1444779 | .7461976 | 48.67264 |
| Stddev | .0189619 | .007763  | .3134      | .0010097 | .0055713 | .24238   |
| %RSD   | 2.275620 | 57.69630 | .2206581   | .6988490 | .7466273 | .4979748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8120980 | -.021954 | 142.1994 | .1448497 | .7402026 | 48.40464 |
| #2 | .8389839 | -.011678 | 141.6897 | .1452489 | .7471740 | 48.87649 |
| #3 | .8487039 | -.006735 | 142.2606 | .1433350 | .7512162 | 48.73679 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8572425 | .0108883 | .0456291 | 19.98777 | .0889029 | .1189664 |
| Stddev | .0020450 | .0002790 | .0003305 | .03501   | .0005211 | .0003694 |
| %RSD   | .2385534 | 2.562430 | .7243860 | .1751579 | .5862028 | .3105237 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8590606 | .0106344 | .0457972 | 20.00251 | .0884000 | .1192524 |
| #2 | .8550285 | .0111870 | .0452483 | 20.01301 | .0894405 | .1185493 |
| #3 | .8576384 | .0108433 | .0458418 | 19.94780 | .0888682 | .1190975 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.59029 | 544.4532 | 2.011938 | 2.473903 | .4578887 | .0822511 |
| Stddev | .03541   | 5.1498   | .003124  | .008752  | .0010069 | .0009118 |
| %RSD   | .2271490 | .9458593 | .1552561 | .3537819 | .2199110 | 1.108529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.54940 | 539.7355 | 2.011918 | 2.480880 | .4590128 | .0814505 |
| #2 | 15.61153 | 549.9469 | 2.008824 | 2.476745 | .4575840 | .0832436 |
| #3 | 15.60992 | 543.6772 | 2.015071 | 2.464083 | .4570693 | .0820594 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.349076 | .1475928 | F 144.7188 | .3260399 | 2.033939 | .1200701 |
| Stddev | .090961  | .0027234 | .5496      | .0142008 | .011396  | .0151325 |
| %RSD   | 3.872202 | 1.845182 | .3797833   | 4.355538 | .5602983 | 12.60306 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.453861 | .1473403 | 144.3404 | .3410930 | 2.041038 | .1038197 |
| #2 | 2.302931 | .1450045 | 144.4668 | .3241448 | 2.020794 | .1226333 |
| #3 | 2.290437 | .1504336 | 145.3493 | .3128818 | 2.039985 | .1337573 |

Sample Name: M3112-18      Acquired: 07/28/2021 15:24:18      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209894 | 7.304735 | 5.630216 | 9.691679 | 4.336441 | .0378981 |
| Stddev | .0008874 | .042423  | .035775  | .024260  | .027466  | .0007898 |
| %RSD   | 4.228037 | .5807606 | .6354149 | .2503167 | .6333819 | 2.084047 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0219549 | 7.295204 | 5.643005 | 9.700342 | 4.305843 | .0370776 |
| #2 | .0202093 | 7.267888 | 5.657840 | 9.664276 | 4.358967 | .0379637 |
| #3 | .0208039 | 7.351113 | 5.589804 | 9.710417 | 4.344512 | .0386531 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.381113 |
| Stddev | .004431  |
| %RSD   | 1.162518 |

|    |          |
|----|----------|
| #1 | -.377077 |
| #2 | -.385853 |
| #3 | -.380407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1804.418 | 34724.74 | 9653.292 | 1029.651 | 2138.953 |
| Stddev    | 2.051    | 147.91   | 53.357   | 2.955    | 4.650    |
| %RSD      | .1136404 | .4259489 | .5527307 | .2870299 | .2174095 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1804.205 | 34561.05 | 9655.439 | 1027.042 | 2135.372 |
| #2 | 1806.567 | 34848.78 | 9598.895 | 1032.860 | 2144.209 |
| #3 | 1802.482 | 34764.40 | 9705.544 | 1029.051 | 2137.279 |

Sample Name: M3112-19      Acquired: 07/28/2021 15:28:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .6985770 | -.010030 | F 141.4983 | .1401263 | .8740337 | 32.01309 |
| Stddev | .0040334 | .007129  | .4478      | .0031874 | .0013168 | .12815   |
| %RSD   | .5773720 | 71.07618 | .3164796   | 2.274666 | .1506555 | .4003007 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7026689 | -.006808 | 141.1116 | .1434174 | .8726367 | 31.95421 |
| #2 | .6984574 | -.018201 | 141.3943 | .1370539 | .8752521 | 31.92497 |
| #3 | .6946048 | -.005081 | 141.9889 | .1399076 | .8742121 | 32.16010 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5763635 | .0087802 | .0355688 | 11.87273 | .0621335 | .1209392 |
| Stddev | .0013797 | .0000766 | .0003536 | .02490   | .0006025 | .0014467 |
| %RSD   | .2393839 | .8728880 | .9941598 | .2097532 | .9696424 | 1.196254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5748866 | .0087119 | .0354576 | 11.89063 | .0628047 | .1193368 |
| #2 | .5776194 | .0087657 | .0359647 | 11.84429 | .0616396 | .1213312 |
| #3 | .5765845 | .0088631 | .0352842 | 11.88328 | .0619560 | .1221495 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu3247     | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 30.33291 | 530.4779 | 1.649216 | 1.707900 | .5481970 | .0639976 |
| Stddev | .07962     | 2.2132   | .001761  | .004304  | .0028139 | .0003325 |
| %RSD   | .2624835   | .4172140 | .1068047 | .2519868 | .5133046 | .5194948 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 30.27898 | 529.4101 | 1.650487 | 1.708903 | .5449813 | .0640319 |
| #2 | 30.29541 | 529.0010 | 1.649956 | 1.711613 | .5502077 | .0636493 |
| #3 | 30.42436 | 533.0226 | 1.647205 | 1.703183 | .5494021 | .0643115 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.987870 | .1529794 | F 182.4626 | .2208487 | 1.845768 | .1417671 |
| Stddev | .260447  | .0024769 | 1.6985     | .0219508 | .006028  | .0049775 |
| %RSD   | 13.10180 | 1.619107 | .9308742   | 9.939309 | .3266100 | 3.511009 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.041189 | .1546676 | 183.7754 | .2310352 | 1.847874 | .1464542 |
| #2 | 2.217532 | .1501359 | 180.5443 | .1956553 | 1.838969 | .1365428 |
| #3 | 1.704890 | .1541346 | 183.0680 | .2358555 | 1.850460 | .1423044 |

Sample Name: M3112-19      Acquired: 07/28/2021 15:28:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0208307 | 7.388449 | 7.052516 | F 14.06071 | 4.414801 | .0358254 |
| Stddev | .0008521 | .025097  | .032414  | .05484     | .019779  | .0010379 |
| %RSD   | 4.090675 | .3396762 | .4596119 | .3900250   | .4480130 | 2.897142 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0203454 | 7.383248 | 7.015901 | 14.00189 | 4.404869 | .0352673 |
| #2 | .0203320 | 7.415739 | 7.064101 | 14.06983 | 4.401956 | .0370230 |
| #3 | .0218146 | 7.366361 | 7.077545 | 14.11043 | 4.437578 | .0351860 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.352203 |
| Stddev | .001979  |
| %RSD   | .5617738 |

|    |          |
|----|----------|
| #1 | -.351050 |
| #2 | -.351072 |
| #3 | -.354488 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1761.234 | 34234.06 | 9406.059 | 1012.248 | 2126.869 |
| Stddev    | 3.592    | 53.04    | 12.475   | 6.766    | 7.461    |
| %RSD      | .2039260 | .1549347 | .1326285 | .6684465 | .3508174 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1764.480 | 34182.81 | 9399.882 | 1005.051 | 2132.846 |
| #2 | 1761.845 | 34288.72 | 9420.418 | 1018.480 | 2129.254 |
| #3 | 1757.375 | 34230.64 | 9397.878 | 1013.213 | 2118.507 |

Sample Name: M3112-20      Acquired: 07/28/2021 15:32:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .6838313 | -.012804 | F 144.9119 | .1421661 | .8841176 | 32.22198 |
| Stddev | .0060571 | .003168  | .4055      | .0026276 | .0039516 | .18706   |
| %RSD   | .8857635 | 24.74431 | .2797918   | 1.848257 | .4469552 | .5805463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6784468 | -.015936 | 145.2560 | .1407195 | .8876365 | 32.01368 |
| #2 | .6903893 | -.012873 | 144.4649 | .1405797 | .8848736 | 32.37564 |
| #3 | .6826579 | -.009601 | 145.0147 | .1451991 | .8798426 | 32.27661 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5781456 | .0087951 | .0352041 | 11.92805 | .0626345 | .1216096 |
| Stddev | .0025405 | .0000213 | .0001736 | .07859   | .0005244 | .0006269 |
| %RSD   | .4394167 | .2417647 | .4930882 | .6588981 | .8372110 | .5154935 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5752576 | .0087971 | .0351315 | 11.84018 | .0622011 | .1222736 |
| #2 | .5800350 | .0088154 | .0350787 | 11.95231 | .0632174 | .1210280 |
| #3 | .5791442 | .0087730 | .0354023 | 11.99165 | .0624849 | .1215270 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 29.52851 | 536.2557 | 1.654568 | 1.708996 | .5491278 | .0647733 |
| Stddev | .09674   | 3.4446   | .006448  | .021205  | .0009656 | .0005028 |
| %RSD   | .3276257 | .6423462 | .3896810 | 1.240762 | .1758353 | .7762561 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 29.41680 | 532.9148 | 1.647333 | 1.684720 | .5495102 | .0646151 |
| #2 | 29.58459 | 539.7954 | 1.656664 | 1.718367 | .5480296 | .0653361 |
| #3 | 29.58414 | 536.0568 | 1.659707 | 1.723900 | .5498436 | .0643685 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 1.864276 | .1564789 | F 181.2574 | .2436617 | 1.831458 | .1343590 |
| Stddev | .124635  | .0032867 | .5495      | .0046700 | .004015  | .0080477 |
| %RSD   | 6.685440 | 2.100385 | .3031479   | 1.916603 | .2192393 | 5.989719 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.912343 | .1553228 | 181.6269 | .2383263 | 1.829377 | .1421182 |
| #2 | 1.722765 | .1601874 | 180.6260 | .2456513 | 1.828911 | .1349079 |
| #3 | 1.957721 | .1539265 | 181.5193 | .2470074 | 1.836087 | .1260509 |



Sample Name: M3112-20      Acquired: 07/28/2021 15:32:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0197456 | 7.316841 | 7.178683 | F 14.10508 | 4.412437 | .0350591 |
| Stddev | .0006935 | .024524  | .069568  | .03347     | .033176  | .0006600 |
| %RSD   | 3.512321 | .3351728 | .9690844 | .2372810   | .7518757 | 1.882631 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0195817 | 7.307633 | 7.099033 | 14.12259 | 4.374129 | .0349199 |
| #2 | .0205063 | 7.298253 | 7.209478 | 14.06649 | 4.431682 | .0357776 |
| #3 | .0191486 | 7.344636 | 7.227538 | 14.12615 | 4.431500 | .0344797 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.359461 |
| Stddev | .002963  |
| %RSD   | .8243893 |

|    |          |
|----|----------|
| #1 | -.356699 |
| #2 | -.362591 |
| #3 | -.359092 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1764.645 | 34227.18 | 9361.008 | 1011.265 | 2132.372 |
| Stddev    | 1.595    | 121.27   | 70.292   | 4.197    | 5.779    |
| %RSD      | .0903622 | .3543095 | .7509013 | .4149842 | .2710133 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1762.859 | 34094.69 | 9437.094 | 1008.236 | 2127.434 |
| #2 | 1765.926 | 34254.14 | 9298.487 | 1016.055 | 2138.728 |
| #3 | 1765.149 | 34332.70 | 9347.444 | 1009.505 | 2130.954 |

Sample Name: CCV023      Acquired: 07/28/2021 15:41:23      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV023      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.657404 | 4.588475 | 23.42179 | 4.548136 | 4.673217 | 390.5975 | 9.593524 |
| Stddev | .032873  | .037179  | .04373   | .020600  | .021160  | 5.0157   | .023214  |
| %RSD   | .7058199 | .8102661 | .1867197 | .4529353 | .4528010 | 1.284097 | .2419732 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.620092 | 4.558225 | 23.44703 | 4.527389 | 4.648929 | 384.9040 | 9.619619 |
| #2 | 4.670018 | 4.629981 | 23.37129 | 4.568586 | 4.687673 | 392.5252 | 9.585784 |
| #3 | 4.682102 | 4.577218 | 23.44704 | 4.548434 | 4.683049 | 394.3633 | 9.575169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5255928 | 2.297787 | 388.0974 | 14.65907 | 2.331333 | 14.78058 | 421.5469 |
| Stddev | .0039060 | .004104  | .3070    | .03888   | .003630  | .00992   | 1.8127   |
| %RSD   | .7431616 | .1785885 | .0791112 | .2652507 | .1557172 | .0671176 | .4300165 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5211523 | 2.300547 | 388.1831 | 14.61509 | 2.332119 | 14.78526 | 419.4611 |
| #2 | .5271283 | 2.293071 | 388.3525 | 14.67322 | 2.327374 | 14.78729 | 422.7415 |
| #3 | .5284976 | 2.299742 | 387.7566 | 14.68889 | 2.334506 | 14.76918 | 422.4380 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.00869 | 416.0550 | 2.351483 | 1.150848 | 401.0726 | 2.521924 | 14.17214 |
| Stddev | .02452   | 2.5940   | .002324  | .001294  | 1.9226   | .012797  | .21760   |
| %RSD   | .1750290 | .6234847 | .0988444 | .1124452 | .4793576 | .5074481 | 1.535434 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.02899 | 413.0597 | 2.348807 | 1.151776 | 398.8727 | 2.507252 | 14.41438 |
| #2 | 13.98145 | 417.5621 | 2.352647 | 1.151399 | 401.9148 | 2.530782 | 14.10885 |
| #3 | 14.01564 | 417.5433 | 2.352996 | 1.149370 | 402.4304 | 2.527738 | 13.99320 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.4463 | 4.781115 | 5.238235 | 4.697618 | 4.655538 | 5.214590 | 4.750810 |
| Stddev | .5945    | .060028  | .039975  | .014594  | .034771  | .048931  | .013421  |
| %RSD   | .3874051 | 1.255529 | .7631315 | .3106747 | .7468643 | .9383489 | .2824923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 152.9471 | 4.720130 | 5.193294 | 4.687853 | 4.616119 | 5.159945 | 4.753585 |
| #2 | 153.2878 | 4.840138 | 5.251585 | 4.690606 | 4.681850 | 5.229474 | 4.736218 |
| #3 | 154.1039 | 4.783077 | 5.269826 | 4.714395 | 4.668645 | 5.254351 | 4.762626 |

Sample Name: CCV023      Acquired: 07/28/2021 15:41:23      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV023      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.998010 | 4.908406 | 4.557075 |
| Stddev | .014830  | .006154  | .016910  |
| %RSD   | .2967185 | .1253832 | .3710609 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.981370 | 4.908368 | 4.544824 |
| #2 | 5.009833 | 4.914579 | 4.576368 |
| #3 | 5.002827 | 4.902271 | 4.550034 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1508.567 | 30015.64 | 8519.333 | 843.6589 | 1789.926 |
| Stddev    | 2.034    | 9.22     | 31.615   | 11.4513  | 2.287    |
| %RSD      | .1348332 | .0307173 | .3710922 | 1.357342 | .1277935 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1509.348 | 30016.25 | 8555.774 | 830.9317 | 1788.288 |
| #2 | 1510.095 | 30006.12 | 8502.980 | 846.9168 | 1792.540 |
| #3 | 1506.259 | 30024.53 | 8499.244 | 853.1283 | 1788.951 |

Sample Name: CCB023      Acquired: 07/28/2021 15:45:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB023      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005510 | .0021607 | .0008478 | .0060199 | .0010554 | .0229718 |
| Stddev | .004817  | .0017668 | .0019052 | .0032679 | .0023540 | .0043244 |
| %RSD   | 87.41819 | 81.76999 | 224.7137 | 54.28538 | 223.0447 | 18.82459 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004536 | .0021716 | .0029398 | .0032844 | -.001537 | .0201134 |
| #2 | -.010740 | .0039220 | -.000788 | .0096386 | .003059  | .0208553 |
| #3 | -.001255 | .0003885 | .000391  | .0051365 | .001645  | .0279468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000702 | -.000156 | .0000541 | -.004900 | -.000035 | -.000449 |
| Stddev | .000347  | .000112  | .0001160 | .005819  | .000151  | .000237  |
| %RSD   | 49.47017 | 71.80268 | 214.2662 | 118.7360 | 429.9208 | 52.73828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000466 | -.000040 | -.000078 | .000917  | -.000157 | -.000705 |
| #2 | -.001101 | -.000163 | .000141  | -.010720 | -.000082 | -.000406 |
| #3 | -.000540 | -.000263 | .000099  | -.004898 | .000134  | -.000237 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025987 | .0168488 | -.000161 | .0206915 | .0007031 | .0007790 |
| Stddev | .0016403 | .0070519 | .000306  | .0194246 | .0006800 | .0004140 |
| %RSD   | 63.12226 | 41.85410 | 190.1611 | 93.87680 | 96.71186 | 53.14853 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0022414 | .0131971 | .000018  | .0085644 | .0007743 | .0010257 |
| #2 | .0011664 | .0249776 | .000014  | .0430956 | .0013446 | .0003010 |
| #3 | .0043881 | .0123716 | -.000515 | .0104146 | -.000010 | .0010104 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.254768 | .0001789 | .0047261 | -.118189 | .0013151 | F .0126323 |
| Stddev | .243389  | .0023179 | .0018315 | .028345  | .0003294 | .0005627   |
| %RSD   | 95.53367 | 1295.986 | 38.75333 | 23.98289 | 25.04956 | 4.454760   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.419155 | -.002427 | .0062175 | -.136099 | .0016586 | .0128212 |
| #2 | -.369984 | .002009  | .0026818 | -.085509 | .0012848 | .0130764 |
| #3 | .024836  | .000955  | .0052789 | -.132959 | .0010019 | .0119995 |

Sample Name: CCB023      Acquired: 07/28/2021 15:45:29      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB023      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011090 | -.007796 | .0010650 | .0008901 | .0011738 | .0083372 |
| Stddev | .0007404 | .004307  | .0012202 | .0008240 | .0001939 | .0020008 |
| %RSD   | 66.76172 | 55.24259 | 114.5692 | 92.57872 | 16.51480 | 23.99868 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0014052 | -.008645 | .0004100 | .0004473 | .0010618 | .0098800 |
| #2 | .0016555 | -.011616 | .0003122 | .0018408 | .0010619 | .0060765 |
| #3 | .0002664 | -.003128 | .0024728 | .0003821 | .0013976 | .0090551 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000986 |
| Stddev | .0000625 |
| %RSD   | 63.41166 |

|    |          |
|----|----------|
| #1 | .0001704 |
| #2 | .0000561 |
| #3 | .0000693 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1709.876 | 32085.47 | 8821.831 | 974.7368 | 2155.278 |
| Stddev    | 2.532    | 89.39    | 58.317   | 5.9647   | 6.431    |
| %RSD      | .1480593 | .2785918 | .6610560 | .6119292 | .2983932 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1710.859 | 32089.49 | 8850.306 | 969.7419 | 2149.712 |
| #2 | 1707.000 | 31994.13 | 8860.440 | 973.1274 | 2153.804 |
| #3 | 1711.769 | 32172.77 | 8754.747 | 981.3410 | 2162.318 |

Sample Name: M3122-21      Acquired: 07/28/2021 15:49:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .7262115 | .0645255 | F 102.2520 | .2301809 | 1.063536 | 35.53900 |
| Stddev | .0030698 | .0031232 | .0830      | .0044227 | .007060  | .11202   |
| %RSD   | .4227146 | 4.840244 | .0811754   | 1.921401 | .6637950 | .3152008 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7280054 | .0609705 | 102.2088 | .2348203 | 1.065864 | 35.53565 |
| #2 | .7226669 | .0668283 | 102.1994 | .2260126 | 1.055607 | 35.65266 |
| #3 | .7279622 | .0657776 | 102.3477 | .2297098 | 1.069138 | 35.42869 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.335329 | .1124095 | .1253485 | 14.63437 | .5068944 | 1.058707 |
| Stddev | .014772  | .0011274 | .0003769 | .06460   | .0012818 | .001890  |
| %RSD   | .3407349 | 1.002916 | .3006441 | .4413951 | .2528671 | .1785058 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.326624 | .1129409 | .1249582 | 14.69979 | .5080402 | 1.057438 |
| #2 | 4.352385 | .1131729 | .1253769 | 14.57064 | .5071328 | 1.057805 |
| #3 | 4.326977 | .1111146 | .1257103 | 14.63268 | .5055102 | 1.060879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.38760 | 580.7925 | 2.652275 | 2.817102 | 1.465021 | .1023367 |
| Stddev | .06632   | 1.7827   | .004327  | .048241  | .002524  | .0004970 |
| %RSD   | .3814443 | .3069437 | .1631378 | 1.712430 | .1722653 | .4856011 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 17.38079 | 581.3950 | 2.652926 | 2.817627 | 1.462748 | .1026901 |
| #2 | 17.45706 | 582.1959 | 2.656240 | 2.865079 | 1.464579 | .1017685 |
| #3 | 17.32494 | 578.7866 | 2.647660 | 2.768601 | 1.467737 | .1025515 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 2.047214 | 1.309204 | F 173.2043 | .0072813 | 3.571000 | .1771028 |
| Stddev | .208253  | .007138  | .2299      | .0359813 | .007717  | .0081584 |
| %RSD   | 10.17253 | .5452282 | .1327542   | 494.1644 | .2161043 | 4.606608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.286958 | 1.307752 | 172.9587 | .0159323 | 3.579527 | .1676854 |
| #2 | 1.943519 | 1.316957 | 173.4144 | .0381484 | 3.564497 | .1820197 |
| #3 | 1.911166 | 1.302904 | 173.2399 | -.032237 | 3.568975 | .1816034 |

Sample Name: M3122-21      Acquired: 07/28/2021 15:49:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0222711 | 5.579128 | 9.405681 | F 11.80269 | 4.285761 | .0379007 |
| Stddev | .0002089 | .022026  | .034472  | .00653     | .008986  | .0003298 |
| %RSD   | .9379774 | .3947896 | .3665005 | .0553686   | .2096786 | .8700820 |
|        |          |          |          |            |          |          |
| #1     | .0225093 | 5.582099 | 9.441024 | 11.79719   | 4.291407 | .0382698 |
| #2     | .0221192 | 5.599517 | 9.403866 | 11.80992   | 4.290477 | .0376352 |
| #3     | .0221847 | 5.555767 | 9.372152 | 11.80098   | 4.275398 | .0377970 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.428503 |
| Stddev | .001900  |
| %RSD   | .4434341 |
|        |          |
| #1     | -.428977 |
| #2     | -.430121 |
| #3     | -.426410 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1782.927 | 34268.10 | 9456.371 | 1017.217 | 2146.656 |
| Stddev    | 3.935    | 93.02    | 33.272   | 4.512    | 1.058    |
| %RSD      | .2207216 | .2714584 | .3518437 | .4435427 | .0492970 |
|           |          |          |          |          |          |
| #1        | 1785.515 | 34176.28 | 9418.296 | 1016.083 | 2146.803 |
| #2        | 1784.868 | 34362.28 | 9479.852 | 1022.187 | 2147.633 |
| #3        | 1778.399 | 34265.73 | 9470.964 | 1013.380 | 2145.532 |

Sample Name: M3112-19LX5      Acquired: 07/28/2021 15:53:31      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AB0L      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1353948 | -.001747 | 28.08304 | .0280991 | .1930864 | 6.399484 |
| Stddev | .0046433 | .002273  | .02068   | .0001297 | .0030586 | .006129  |
| %RSD   | 3.429462 | 130.1439 | .0736381 | .4616692 | 1.584038 | .0957729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1332023 | .000742  | 28.07762 | .0280286 | .1966164 | 6.403976 |
| #2 | .1322537 | -.002270 | 28.06560 | .0282488 | .1914196 | 6.401976 |
| #3 | .1407284 | -.003713 | 28.10588 | .0280200 | .1912234 | 6.392502 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1133772 | .0018823 | .0065812 | 2.346746 | .0125593 | .0232074 |
| Stddev | .0004840 | .0001412 | .0001050 | .007264  | .0004377 | .0000549 |
| %RSD   | .4269414 | 7.502596 | 1.595916 | .3095268 | 3.485430 | .2364633 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1134813 | .0019036 | .0064599 | 2.347176 | .0120865 | .0231471 |
| #2 | .1128495 | .0020117 | .0066417 | 2.339276 | .0126411 | .0232545 |
| #3 | .1138007 | .0017317 | .0066420 | 2.353785 | .0129504 | .0232204 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.916506 | 108.7365 | .3325161 | .3656665 | .1072526 | .0132447 |
| Stddev | .008382  | .3645    | .0017430 | .0223366 | .0007492 | .0001284 |
| %RSD   | .1416694 | .3352349 | .5241875 | 6.108460 | .6985430 | .9695109 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.925973 | 109.0558 | .3335975 | .3746758 | .1066545 | .0130967 |
| #2 | 5.910029 | 108.8144 | .3305054 | .3820914 | .1080930 | .0133112 |
| #3 | 5.913517 | 108.3394 | .3334454 | .3402322 | .1070103 | .0133263 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0775138 | .0310354 | F 40.85971 | -.234745 | .3654661 | .0399319 |
| Stddev | .1211194 | .0022793 | .29896     | .026189  | .0029717 | .0022452 |
| %RSD   | 156.2554 | 7.344099 | .7316810   | 11.15633 | .8131294 | 5.622560 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0675701 | .0285543 | 41.15612 | -.255696 | .3639777 | .0411944 |
| #2 | -.038327 | .0315158 | 40.86475 | -.205384 | .3635326 | .0412617 |
| #3 | .203298  | .0330362 | 40.55825 | -.243154 | .3688879 | .0373397 |



Sample Name: M3112-19LX5      Acquired: 07/28/2021 15:53:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AB0L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042428 | 1.464536 | 1.470727 | 2.745634 | .8864370 | .0112652 |
| Stddev | .0002727 | .003103  | .003161  | .005831  | .0051338 | .0012209 |
| %RSD   | 6.428095 | .2118996 | .2149108 | .2123725 | .5791484 | 10.83765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0039403 | 1.464587 | 1.474196 | 2.749192 | .8919739 | .0125680 |
| #2 | .0043185 | 1.467614 | 1.468009 | 2.748805 | .8855023 | .0110805 |
| #3 | .0044697 | 1.461407 | 1.469977 | 2.738905 | .8818348 | .0101473 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.073684 |
| Stddev | .000366  |
| %RSD   | .4962634 |

|    |          |
|----|----------|
| #1 | -.073990 |
| #2 | -.073782 |
| #3 | -.073279 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1739.241 | 32753.97 | 8970.480 | 988.6085 | 2177.799 |
| Stddev    | 4.963    | 26.29    | 30.490   | 6.1475   | 5.753    |
| %RSD      | .2853357 | .0802711 | .3398972 | .6218329 | .2641666 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1733.559 | 32753.67 | 8943.681 | 983.7102 | 2171.203 |
| #2 | 1742.726 | 32780.41 | 8964.106 | 986.6083 | 2181.784 |
| #3 | 1741.438 | 32727.83 | 9003.654 | 995.5070 | 2180.409 |

Sample Name: M3112-22      Acquired: 07/28/2021 15:57:31      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AQ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2518643 | -.013928 | 5.758568 | .0742391 | .0292864 | 96.57758 | 1.329478 |
| Stddev | .0074119 | .002601  | .015183  | .0041647 | .0031057 | .36144   | .002290  |
| %RSD   | 2.942825 | 18.67340 | .2636596 | 5.609890 | 10.60455 | .3742468 | .1722796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2538687 | -.012827 | 5.763369 | .0706402 | .0257736 | 96.25868 | 1.330785 |
| #2 | .2436563 | -.012059 | 5.741564 | .0788010 | .0304178 | 96.50387 | 1.330816 |
| #3 | .2580679 | -.016899 | 5.770770 | .0732761 | .0316678 | 96.97019 | 1.326833 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0150989 | .0459342 | 456.4004 | .1218015 | .0848938 | .8100401 | 316.4366 |
| Stddev | .0000263 | .0003723 | .4929    | .0008490 | .0001412 | .0043446 | 1.5809   |
| %RSD   | .1739678 | .8104872 | .1079914 | .6970191 | .1663394 | .5363423 | .4995971 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0150920 | .0458525 | 456.1280 | .1211030 | .0850283 | .8136850 | 315.3137 |
| #2 | .0150768 | .0463406 | 456.1038 | .1215551 | .0849063 | .8112029 | 315.7517 |
| #3 | .0151279 | .0456096 | 456.9693 | .1227464 | .0847467 | .8052324 | 318.2445 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.475326 | 42.92738 | .1858329 | .0151524 | 2.639461 | .7538820 | 20.75903 |
| Stddev | .019286  | .17485   | .0011527 | .0002590 | .124635  | .0031973 | .15732   |
| %RSD   | .2579998 | .4073105 | .6202941 | 1.709051 | 4.722003 | .4241166 | .7578212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.495337 | 42.76513 | .1845758 | .0148837 | 2.495999 | .7530009 | 20.57807 |
| #2 | 7.456857 | 42.90445 | .1860826 | .0151733 | 2.701293 | .7574275 | 20.86323 |
| #3 | 7.473784 | 43.11256 | .1868403 | .0154003 | 2.721090 | .7512176 | 20.83578 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.87018 | 4.800532 | .2424602 | .0106771 | 19.14421 | 9.176725 | .2579103 |
| Stddev | .13764   | .002839  | .0037416 | .0006362 | .04394   | .041695  | .0027480 |
| %RSD   | 1.266249 | .0591392 | 1.543199 | 5.958948 | .2295167 | .4543582 | 1.065485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.02817 | 4.798598 | .2384263 | .0103911 | 19.09356 | 9.219689 | .2598593 |
| #2 | 10.77618 | 4.799207 | .2431371 | .0102341 | 19.17207 | 9.136427 | .2547672 |
| #3 | 10.80619 | 4.803791 | .2458171 | .0114062 | 19.16700 | 9.174058 | .2591043 |

Sample Name: M3112-22      Acquired: 07/28/2021 15:57:31      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AQ9      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.422565 | .1206997 | 1.128897 |
| Stddev | .011178  | .0012493 | .000546  |
| %RSD   | .4614285 | 1.035027 | .0483280 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.411811 | .1221388 | 1.129086 |
| #2 | 2.421762 | .1198945 | 1.128282 |
| #3 | 2.434124 | .1200657 | 1.129323 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1800.409 | 34788.85 | 9744.361 | 1025.562 | 1996.161 |
| Stddev    | 2.002    | 58.09    | 10.963   | 6.681    | 3.275    |
| %RSD      | .1111881 | .1669820 | .1125100 | .6514935 | .1640509 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1800.328 | 34822.57 | 9731.748 | 1027.707 | 1999.583 |
| #2 | 1802.450 | 34721.77 | 9749.724 | 1018.071 | 1995.844 |
| #3 | 1798.449 | 34822.21 | 9751.610 | 1030.907 | 1993.057 |

Sample Name: PB138002BL      Acquired: 07/28/2021 16:01:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000365 | .0013442 | .0005848 | .0012498 | .0032012 | .0051893 | -.001505 |
| Stddev | .002390  | .0015550 | .0026903 | .0025439 | .0013927 | .0025228 | .000419  |
| %RSD   | 654.8582 | 115.6783 | 460.0386 | 203.5435 | 43.50578 | 48.61551 | 27.84506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002444 | .0010075 | -.002065 | .0025862 | .0046492 | .0043635 | -.001308 |
| #2 | .002246  | .0030400 | .003314  | .0028470 | .0030831 | .0031828 | -.001987 |
| #3 | -.000897 | -.000015 | .000505  | -.001684 | .0018713 | .0080215 | -.001221 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000972 | -.000041 | -.010950 | -.000162 | .0000335 | .0024143 | .0133917 |
| Stddev | .0001087 | .000068  | .005777  | .000907  | .0006478 | .0015986 | .0083878 |
| %RSD   | 111.8153 | 167.0139 | 52.75620 | 561.3546 | 1932.846 | 66.21244 | 62.63424 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000444 | .000035  | -.016480 | -.000989 | .0006764 | .0012942 | .0152232 |
| #2 | .0002223 | -.000061 | -.011415 | -.000303 | -.000619 | .0042449 | .0207123 |
| #3 | .0000250 | -.000096 | -.004955 | .000808  | .000043  | .0017038 | .0042395 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001025 | .0624621 | .0007449 | .0005306 | -.419494 | -.002751 | .0056703 |
| Stddev | .0004174 | .0163372 | .0001417 | .0002454 | .085187  | .001157  | .0009412 |
| %RSD   | 407.2698 | 26.15543 | 19.01542 | 46.24697 | 20.30701 | 42.06887 | 16.59881 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000375 | .0756666 | .0006587 | .0003697 | -.349504 | -.004000 | .0047250 |
| #2 | .000285  | .0441921 | .0006677 | .0008130 | -.394633 | -.001714 | .0066073 |
| #3 | .000397  | .0675275 | .0009084 | .0004090 | -.514346 | -.002540 | .0056785 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.445984 | -.001235 | -.001958 | .0001943 | -.007494 | .0034862 | -.001721 |
| Stddev | .029019  | .004424  | .000908  | .0001700 | .003432  | .0020618 | .002802  |
| %RSD   | 6.506645 | 358.2237 | 46.37559 | 87.48566 | 45.79807 | 59.14038 | 162.7801 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.447351 | -.006270 | -.002457 | .0002459 | -.010091 | .0021629 | -.003851 |
| #2 | -.474295 | .000537  | -.000910 | .0000045 | -.003603 | .0058618 | -.002767 |
| #3 | -.416306 | .002028  | -.002507 | .0003325 | -.008789 | .0024339 | .001453  |

Sample Name: PB138002BL      Acquired: 07/28/2021 16:01:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010800 | .0042569 | .0000582 |
| Stddev | .0003439 | .0013352 | .0000120 |
| %RSD   | 31.84145 | 31.36465 | 20.54367 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0012556 | .0057799 | .0000446 |
| #2 | .0013007 | .0032876 | .0000629 |
| #3 | .0006838 | .0037034 | .0000671 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1717.012 | 32198.99 | 8776.327 | 973.6857 | 2173.601 |
| Stddev    | 2.419    | 21.72    | 56.033   | 1.9084   | 1.048    |
| %RSD      | .1408571 | .0674675 | .6384580 | .1960020 | .0482348 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1714.557 | 32194.71 | 8726.216 | 975.3194 | 2174.154 |
| #2 | 1719.392 | 32179.73 | 8765.938 | 974.1497 | 2172.392 |
| #3 | 1717.086 | 32222.54 | 8836.828 | 971.5880 | 2174.257 |

Sample Name: PB138002BS      Acquired: 07/28/2021 16:05:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0224516 | .0503484 | .0211518 | .0755104 | .1253993 | .4186948 |
| Stddev | .0034102 | .0014639 | .0021477 | .0012157 | .0019005 | .0013536 |
| %RSD   | 15.18913 | 2.907477 | 10.15374 | 1.609931 | 1.515551 | .3232996 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0258541 | .0519246 | .0204980 | .0762247 | .1244347 | .4193833 |
| #2 | .0224670 | .0500891 | .0235504 | .0761997 | .1241745 | .4171353 |
| #3 | .0190337 | .0490315 | .0194069 | .0741067 | .1275886 | .4195658 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4177186 | .0121822 | .0102674 | 10.50226 | .0230087 | .0978693 |
| Stddev | .0008852 | .0002049 | .0001145 | .06236   | .0006014 | .0003928 |
| %RSD   | .2119038 | 1.681695 | 1.115504 | .5938176 | 2.613839 | .4013389 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4166975 | .0119563 | .0101353 | 10.43141 | .0233509 | .0979925 |
| #2 | .4181898 | .0123561 | .0103305 | 10.52651 | .0233609 | .0974297 |
| #3 | .4182684 | .0122342 | .0103366 | 10.54885 | .0223143 | .0981858 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0567790 | .2555913 | .0323685 | 11.10411 | .0837552 | .0187502 |
| Stddev | .0019945 | .0077032 | .0001292 | .11468   | .0005749 | .0002821 |
| %RSD   | 3.512666 | 3.013888 | .3990974 | 1.032796 | .6863651 | 1.504395 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0544761 | .2573576 | .0323768 | 11.15041 | .0839016 | .0187011 |
| #2 | .0579378 | .2471584 | .0322354 | 10.97351 | .0831213 | .0184960 |
| #3 | .0579233 | .2622580 | .0324933 | 11.18839 | .0842428 | .0190536 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.02730 | .1167387 | .1163019 | 9.956259 | .0176104 | F .2267670 |
| Stddev | .07751   | .0035148 | .0022013 | .067839  | .0035896 | .0011553   |
| %RSD   | .7729982 | 3.010836 | 1.892733 | .6813658 | 20.38365 | .5094673   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.96235  | .1145445 | .1151643 | 9.894504 | .0182490 | .2280645 |
| #2 | 10.00644 | .1148790 | .1188393 | 9.945401 | .0208379 | .2263871 |
| #3 | 10.11311 | .1207927 | .1149023 | 10.02887 | .0137443 | .2258496 |

Sample Name: PB138002BS      Acquired: 07/28/2021 16:05:38      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0223026 | .1796353 | .2206900 | F .0096234 | .2254837 | .0340167 |
| Stddev | .0005037 | .0077028 | .0010320 | .0013723   | .0011437 | .0012348 |
| %RSD   | 2.258244 | 4.288035 | .4676366 | 14.25949   | .5072116 | 3.630047 |
|        |          |          |          |            |          |          |
| #1     | .0217227 | .1884375 | .2214244 | .0081011   | .2253816 | .0354374 |
| #2     | .0225548 | .1763407 | .2195100 | .0107653   | .2243944 | .0334116 |
| #3     | .0226304 | .1741278 | .2211355 | .0100039   | .2266749 | .0332012 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2184463 |
| Stddev | .0004847 |
| %RSD   | .2219055 |
|        |          |
| #1     | .2182252 |
| #2     | .2181116 |
| #3     | .2190022 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1715.412 | 32352.50 | 8796.713 | 978.9375 | 2196.972 |
| Stddev    | 2.814    | 113.75   | 9.702    | 5.0741   | 5.390    |
| %RSD      | .1640411 | .3515857 | .1102878 | .5183311 | .2453468 |
|           |          |          |          |          |          |
| #1        | 1712.312 | 32247.22 | 8806.534 | 980.5312 | 2190.965 |
| #2        | 1717.804 | 32337.15 | 8796.470 | 983.0235 | 2201.387 |
| #3        | 1716.121 | 32473.15 | 8787.135 | 973.2579 | 2198.566 |

Sample Name: M3113-01      Acquired: 07/28/2021 16:09:46      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005243 | -.008411 | .0015516 | .0062537 | .0036535 | .3979239 | .0569103 |
| Stddev | .003910  | .003137  | .0008080 | .0029285 | .0002883 | .0056407 | .0002597 |
| %RSD   | 74.58376 | 37.30105 | 52.07781 | 46.82749 | 7.890943 | 1.417534 | .4562580 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000979 | -.011146 | .0023218 | .0078228 | .0039361 | .3982980 | .0568884 |
| #2 | -.008661 | -.009102 | .0016225 | .0080633 | .0033598 | .3921055 | .0571802 |
| #3 | -.006088 | -.004986 | .0007104 | .0028751 | .0036648 | .4033683 | .0566623 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000178 | -.000204 | 56.28470 | .0021746 | -.001802 | .0023254 | .6675422 |
| Stddev | .000112  | .000042  | .10157   | .0001824 | .000309  | .0020828 | .0082447 |
| %RSD   | 62.76204 | 20.80843 | .1804550 | 8.388272 | 17.15743 | 89.56742 | 1.235083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000307 | -.000251 | 56.17326 | .0022424 | -.001991 | .0006298 | .6586504 |
| #2 | -.000103 | -.000169 | 56.30877 | .0019680 | -.001969 | .0016961 | .6690425 |
| #3 | -.000125 | -.000190 | 56.37208 | .0023134 | -.001445 | .0046503 | .6749337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1319168 | 15.80648 | .0017705 | -.000095 | 21.90672 | .0032888 | .0124304 |
| Stddev | .0006305 | .01838   | .0004806 | .000267  | .16382   | .0020319 | .0017140 |
| %RSD   | .4779446 | .1163030 | 27.14473 | 280.9923 | .7478247 | 61.78116 | 13.78899 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1311944 | 15.79136 | .0016311 | -.000293 | 21.82513 | .0045650 | .0117186 |
| #2 | .1321999 | 15.80114 | .0013750 | .000208  | 22.09532 | .0043558 | .0111869 |
| #3 | .1323561 | 15.82694 | .0023053 | -.000200 | 21.79972 | .0009457 | .0143856 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.444052 | .0338179 | .0257791 | .0014215 | 34.67241 | 1.736451 | -.004228 |
| Stddev | .060665  | .0078022 | .0018835 | .0004230 | .07499   | .011258  | .003156  |
| %RSD   | 4.200996 | 23.07134 | 7.306170 | 29.75799 | .2162779 | .6483189 | 74.64231 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.399117 | .0263348 | .0237356 | .0016453 | 34.58850 | 1.736952 | -.004462 |
| #2 | 1.513058 | .0332146 | .0274455 | .0016856 | 34.69585 | 1.747450 | -.000962 |
| #3 | 1.419982 | .0419043 | .0261562 | .0009336 | 34.73288 | 1.724952 | -.007261 |



Sample Name: M3113-01      Acquired: 07/28/2021 16:09:46      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AD2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0094904 | .0033340 | .3330447 |
| Stddev | .0009468 | .0007218 | .0008391 |
| %RSD   | 9.976554 | 21.65027 | .2519639 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0093377 | .0036413 | .3320759 |
| #2 | .0086292 | .0025094 | .3335139 |
| #3 | .0105043 | .0038513 | .3335444 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1726.892 | 33083.25 | 9075.360 | 989.0134 | 2205.045 |
| Stddev    | 3.613    | 60.35    | 34.231   | 4.1079   | 1.123    |
| %RSD      | .2092461 | .1824062 | .3771874 | .4153530 | .0509442 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1731.049 | 33057.14 | 9103.346 | 993.7546 | 2204.845 |
| #2 | 1725.117 | 33040.36 | 9085.540 | 986.5179 | 2206.255 |
| #3 | 1724.509 | 33152.26 | 9037.193 | 986.7676 | 2204.036 |

Sample Name: M3113-02      Acquired: 07/28/2021 16:13:51      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004730 | -.009504 | .0007286 | .0082958 | .0020459 | .2659251 | .0536223 |
| Stddev | .007641  | .005418  | .0013813 | .0022743 | .0009888 | .0030078 | .0000548 |
| %RSD   | 161.5392 | 57.00244 | 189.5990 | 27.41567 | 48.33273 | 1.131050 | .1022772 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005448 | -.009559 | -.000354 | .0100071 | .0031822 | .2668559 | .0536829 |
| #2 | -.011988 | -.004059 | .000255  | .0091653 | .0013804 | .2625620 | .0536078 |
| #3 | .003245  | -.014894 | .002284  | .0057150 | .0015752 | .2683575 | .0535761 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000251 | -.000223 | 60.04644 | .0033865 | -.001897 | -.000028 | .4454107 |
| Stddev | .000061  | .000098  | .25414   | .0006689 | .000205  | .000470  | .0056520 |
| %RSD   | 24.17266 | 44.14431 | .4232338 | 19.75212 | 10.78750 | 1688.345 | 1.268944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000241 | -.000160 | 60.08474 | .0032952 | -.001682 | .000187  | .4388939 |
| #2 | -.000196 | -.000336 | 59.77533 | .0027679 | -.002090 | -.000567 | .4489753 |
| #3 | -.000316 | -.000173 | 60.27925 | .0040963 | -.001918 | .000296  | .4483629 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0907036 | 17.17907 | .0013159 | .0005148 | 25.54296 | .0004328 | .0300465 |
| Stddev | .0004812 | .02935   | .0003028 | .0003226 | .16526   | .0020434 | .0009378 |
| %RSD   | .5304695 | .1708365 | 23.01225 | 62.66531 | .6470022 | 472.1879 | 3.121108 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0905761 | 17.21192 | .0015769 | .0006843 | 25.46743 | -.001326 | .0290267 |
| #2 | .0912356 | 17.15543 | .0009839 | .0007172 | 25.42897 | -.000051 | .0308717 |
| #3 | .0902990 | 17.16985 | .0013869 | .0001428 | 25.73250 | .002675  | .0302411 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.597987 | .0254716 | .0273781 | .0012139 | 39.26352 | 1.443428 | -.004310 |
| Stddev | .050810  | .0017004 | .0015899 | .0005795 | .14678   | .007872  | .001346  |
| %RSD   | 3.179620 | 6.675567 | 5.807052 | 47.73565 | .3738368 | .5453470 | 31.22422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.574701 | .0242640 | .0259883 | .0005791 | 39.22030 | 1.434887 | -.003170 |
| #2 | 1.562994 | .0247347 | .0270341 | .0013482 | 39.14319 | 1.445007 | -.003965 |
| #3 | 1.656267 | .0274162 | .0291117 | .0017144 | 39.42705 | 1.450391 | -.005794 |

Sample Name: M3113-02      Acquired: 07/28/2021 16:13:51      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AD8      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0046638 | .0040863 | .3964708 |
| Stddev | .0002147 | .0010331 | .0015157 |
| %RSD   | 4.603666 | 25.28200 | .3823041 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0047009 | .0051746 | .3953823 |
| #2 | .0044330 | .0039654 | .3958282 |
| #3 | .0048576 | .0031190 | .3982020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1714.702 | 32940.58 | 9000.405 | 987.5302 | 2195.377 |
| Stddev    | 4.954    | 101.06   | 40.296   | 7.0583   | 3.892    |
| %RSD      | .2889134 | .3067877 | .4477158 | .7147458 | .1772782 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1709.028 | 32834.22 | 9045.043 | 980.2102 | 2191.989 |
| #2 | 1718.167 | 33035.33 | 8989.457 | 988.0864 | 2199.628 |
| #3 | 1716.912 | 32952.19 | 8966.713 | 994.2940 | 2194.514 |

Sample Name: M3113-03      Acquired: 07/28/2021 16:17:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005325 | -.008674 | -.000880 | .0072028 | .0017422 | .2998765 | .0538643 |
| Stddev | .003370  | .002438  | .003120  | .0005591 | .0009656 | .0077668 | .0004712 |
| %RSD   | 63.28474 | 28.11200 | 354.3570 | 7.762309 | 55.42640 | 2.589990 | .8747860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002315 | -.008540 | .001467  | .0072901 | .0008300 | .2940888 | .0534944 |
| #2 | -.008966 | -.011176 | -.004421 | .0077131 | .0027536 | .3087032 | .0537038 |
| #3 | -.004694 | -.006305 | .000312  | .0066052 | .0016430 | .2968374 | .0543948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000213 | -.000236 | 58.50185 | .0013124 | -.002057 | .0013229 | .4647153 |
| Stddev | .000127  | .000119  | .16159   | .0006293 | .000317  | .0011211 | .0118475 |
| %RSD   | 59.55646 | 50.36978 | .2762161 | 47.94885 | 15.41817 | 84.75096 | 2.549419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000172 | -.000206 | 58.51034 | .0019947 | -.001743 | .0012286 | .4766661 |
| #2 | -.000111 | -.000135 | 58.33618 | .0011875 | -.002050 | .0024881 | .4529738 |
| #3 | -.000354 | -.000367 | 58.65902 | .0007549 | -.002377 | .0002518 | .4645060 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0880656 | 16.47626 | .0013816 | .0000889 | 24.49996 | .0019127 | .0242365 |
| Stddev | .0005168 | .04524   | .0004185 | .0003594 | .31348   | .0030411 | .0011972 |
| %RSD   | .5868025 | .2745782 | 30.28690 | 404.3914 | 1.279503 | 158.9946 | 4.939485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0886473 | 16.51920 | .0009677 | .0002081 | 24.77746 | .0041938 | .0229879 |
| #2 | .0878902 | 16.48055 | .0018045 | .0003735 | 24.15993 | .0030841 | .0253745 |
| #3 | .0876594 | 16.42903 | .0013727 | -.000315 | 24.56248 | -.001540 | .0243470 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.474420 | .0283902 | .0276785 | .0015834 | 37.76244 | 1.451780 | -.006061 |
| Stddev | .037714  | .0021946 | .0021099 | .0004062 | .10711   | .009053  | .000908  |
| %RSD   | 2.557890 | 7.730312 | 7.623022 | 25.65155 | .2836474 | .6236082 | 14.98564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.430988 | .0275016 | .0277808 | .0020080 | 37.63895 | 1.444887 | -.006748 |
| #2 | 1.493382 | .0267792 | .0255192 | .0015436 | 37.83013 | 1.448419 | -.005031 |
| #3 | 1.498890 | .0308898 | .0297354 | .0011986 | 37.81824 | 1.462033 | -.006404 |

Sample Name: M3113-03      Acquired: 07/28/2021 16:17:57      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0081046 | .0044754 | .3839526 |
| Stddev | .0005880 | .0011746 | .0009645 |
| %RSD   | 7.255385 | 26.24648 | .2511930 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0074259 | .0055842 | .3840486 |
| #2 | .0084290 | .0045977 | .3829437 |
| #3 | .0084590 | .0032444 | .3848654 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1719.414 | 33000.92 | 8994.429 | 982.6144 | 2192.233 |
| Stddev    | 4.940    | 51.03    | 66.034   | 3.6197   | 4.582    |
| %RSD      | .2872824 | .1546447 | .7341678 | .3683757 | .2090193 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1722.246 | 32942.12 | 8981.891 | 978.4513 | 2192.782 |
| #2 | 1722.285 | 33026.92 | 9065.834 | 984.3733 | 2196.515 |
| #3 | 1713.710 | 33033.72 | 8935.563 | 985.0185 | 2187.400 |

Sample Name: M3113-04      Acquired: 07/28/2021 16:22:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022776 | -.003806 | .0008978 | .0066578 | .0022204 | .2984455 | .0573122 |
| Stddev | .0012115 | .005213  | .0022198 | .0019818 | .0022028 | .0082212 | .0004294 |
| %RSD   | 53.19142 | 136.9679 | 247.2547 | 29.76705 | 99.20653 | 2.754669 | .7492039 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031154 | .001726  | -.001664 | .0073052 | .0021375 | .3024496 | .0576216 |
| #2 | .0008885 | -.008626 | .002107  | .0082350 | .0000603 | .2889893 | .0568220 |
| #3 | .0028290 | -.004518 | .002250  | .0044333 | .0044636 | .3038974 | .0574931 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000342 | -.000183 | 61.36946 | .0019932 | -.001623 | .0014936 | .4841892 |
| Stddev | .000101  | .000061  | .15927   | .0004393 | .000116  | .0003801 | .0117188 |
| %RSD   | 29.44615 | 33.28190 | .2595250 | 22.03867 | 7.152499 | 25.45225 | 2.420304 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000229 | -.000116 | 61.25324 | .0015439 | -.001541 | .0019089 | .4857700 |
| #2 | -.000422 | -.000236 | 61.30414 | .0020141 | -.001756 | .0011629 | .4950373 |
| #3 | -.000375 | -.000198 | 61.55101 | .0024217 | -.001572 | .0014089 | .4717601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0950684 | 17.14016 | .0015240 | .0001747 | 25.33201 | .0002272 | .0181571 |
| Stddev | .0004861 | .05190   | .0001284 | .0001923 | .09679   | .0019205 | .0014697 |
| %RSD   | .5113430 | .3027832 | 8.424839 | 110.0566 | .3820876 | 845.4355 | 8.094661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0953069 | 17.19648 | .0013824 | .0001856 | 25.22598 | .0011571 | .0166567 |
| #2 | .0945091 | 17.09426 | .0015568 | .0003614 | 25.41563 | .0015057 | .0195941 |
| #3 | .0953892 | 17.12975 | .0016328 | -.000023 | 25.35442 | -.001981 | .0182204 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.514141 | .0309181 | .0281910 | .0011613 | 39.06295 | 1.507235 | -.004529 |
| Stddev | .040757  | .0018459 | .0002284 | .0001870 | .09086   | .027108  | .000299  |
| %RSD   | 2.691767 | 5.970430 | .8102594 | 16.10011 | .2325893 | 1.798513 | 6.612161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.467543 | .0330173 | .0282959 | .0012023 | 39.04986 | 1.538315 | -.004352 |
| #2 | 1.531728 | .0301887 | .0279290 | .0009572 | 39.15964 | 1.494913 | -.004361 |
| #3 | 1.543152 | .0295483 | .0283481 | .0013243 | 38.97934 | 1.488477 | -.004875 |

Sample Name: M3113-04      Acquired: 07/28/2021 16:22:02      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AE0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0067136 | .0038638 | .4025564 |
| Stddev | .0003004 | .0001966 | .0007348 |
| %RSD   | 4.473703 | 5.089441 | .1825436 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0069388 | .0039625 | .4020646 |
| #2 | .0068294 | .0039915 | .4034011 |
| #3 | .0063726 | .0036373 | .4022035 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1718.702 | 33011.93 | 8987.378 | 986.2659 | 2188.537 |
| Stddev    | 3.020    | 110.48   | 53.509   | 8.5286   | 4.585    |
| %RSD      | .1757278 | .3346599 | .5953835 | .8647360 | .2095106 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1717.523 | 33137.25 | 8926.614 | 991.4094 | 2190.675 |
| #2 | 1722.134 | 32969.89 | 9027.459 | 990.9671 | 2191.662 |
| #3 | 1716.450 | 32928.64 | 9008.063 | 976.4213 | 2183.273 |

Sample Name: M3113-05      Acquired: 07/28/2021 16:26:06      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AE1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002770 | -.008352 | .0025410 | .0018816 | .0020715 | .3295323 | .0557316 |
| Stddev | .004598  | .005500  | .0015664 | .0028689 | .0033971 | .0085226 | .0011336 |
| %RSD   | 165.9708 | 65.85550 | 61.64567 | 152.4739 | 163.9923 | 2.586262 | 2.033979 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008044 | -.004009 | .0012523 | .0043818 | .0034939 | .3221327 | .0546951 |
| #2 | .000390  | -.006510 | .0042845 | .0025136 | .0045263 | .3276136 | .0555575 |
| #3 | -.000656 | -.014537 | .0020862 | -.001251 | -.001806 | .3388507 | .0569421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000198 | -.000286 | 61.30336 | .0022218 | -.002086 | .0003059 | .5165470 |
| Stddev | .000091  | .000073  | .19123   | .0003513 | .000139  | .0006695 | .0071288 |
| %RSD   | 45.94970 | 25.54250 | .3119355 | 15.81111 | 6.685132 | 218.8730 | 1.380086 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000166 | -.000370 | 61.09824 | .0021012 | -.002225 | -.000419 | .5124963 |
| #2 | -.000300 | -.000253 | 61.33514 | .0019467 | -.001946 | .000435  | .5123664 |
| #3 | -.000127 | -.000236 | 61.47671 | .0026175 | -.002087 | .000902  | .5247783 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1011199 | 16.88617 | .0011349 | .0001661 | 24.86148 | .0020527 | .0258415 |
| Stddev | .0001698 | .04939   | .0001850 | .0004352 | .32699   | .0036738 | .0011884 |
| %RSD   | .1678923 | .2924771 | 16.29853 | 262.0570 | 1.315245 | 178.9749 | 4.598659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1012951 | 16.83313 | .0010120 | .0006130 | 24.50165 | -.002037 | .0255997 |
| #2 | .1009561 | 16.93083 | .0010450 | .0001417 | 24.94231 | .005073  | .0271322 |
| #3 | .1011084 | 16.89456 | .0013476 | -.000256 | 25.14047 | .003123  | .0247927 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.534654 | .0283502 | .0268773 | .0016226 | 39.02698 | 1.500353 | -.002825 |
| Stddev | .065756  | .0023612 | .0007436 | .0003196 | .07989   | .012841  | .001801  |
| %RSD   | 4.284753 | 8.328690 | 2.766488 | 19.69973 | .2046978 | .8558754 | 63.75888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.590970 | .0301214 | .0263252 | .0019904 | 39.09187 | 1.515101 | -.004845 |
| #2 | 1.462391 | .0256695 | .0277228 | .0014654 | 38.93775 | 1.494307 | -.001385 |
| #3 | 1.550599 | .0292597 | .0265840 | .0014121 | 39.05131 | 1.491650 | -.002245 |



Sample Name: M3113-05      Acquired: 07/28/2021 16:26:06      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AE1      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0065261 | .0032979 | .4019983 |
| Stddev | .0018539 | .0010261 | .0005495 |
| %RSD   | 28.40760 | 31.11304 | .1366872 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0086562 | .0034375 | .4013911 |
| #2 | .0052762 | .0042470 | .4024614 |
| #3 | .0056461 | .0022091 | .4021423 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1718.797 | 32895.00 | 9065.411 | 981.3437 | 2188.026 |
| Stddev    | 3.459    | 70.25    | 39.563   | 2.8576   | 2.216    |
| %RSD      | .2012532 | .2135727 | .4364163 | .2911911 | .1012768 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1720.392 | 32955.26 | 9022.739 | 983.6239 | 2190.261 |
| #2 | 1721.172 | 32911.91 | 9100.873 | 982.2690 | 2187.987 |
| #3 | 1714.829 | 32817.83 | 9072.619 | 978.1381 | 2185.830 |

Sample Name: M3113-06      Acquired: 07/28/2021 16:30:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000162 | -.005522 | .0000538 | .0068236 | .0009434 | .2180453 | .0534892 |
| Stddev | .000586  | .004861  | .0011253 | .0023503 | .0023587 | .0111220 | .0008555 |
| %RSD   | 361.3909 | 88.02448 | 2093.295 | 34.44358 | 250.0242 | 5.100786 | 1.599370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000816 | -.007690 | .0006526 | .0041331 | .0036592 | .2301632 | .0526866 |
| #2 | .000316  | .000046  | -.001244 | .0084765 | -.000235 | .2156696 | .0533917 |
| #3 | .000013  | -.008921 | .000753  | .0078613 | -.000594 | .2083030 | .0543892 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000166 | -.000247 | 61.24953 | .0021978 | -.001991 | .0023769 | .3437226 |
| Stddev | .000046  | .000037  | .08252   | .0001575 | .000303  | .0022712 | .0133684 |
| %RSD   | 27.39664 | 15.14712 | .1347234 | 7.168263 | 15.22183 | 95.55022 | 3.889290 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000150 | -.000215 | 61.15847 | .0022755 | -.002135 | .0041975 | .3388523 |
| #2 | -.000218 | -.000237 | 61.31935 | .0020165 | -.002196 | .0031013 | .3588433 |
| #3 | -.000131 | -.000288 | 61.27078 | .0023013 | -.001643 | -.000168 | .3334722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0855355 | 17.14039 | .0011719 | .0003120 | 26.41635 | -.000047 | .0167023 |
| Stddev | .0009264 | .08078   | .0006843 | .0001768 | .17428   | .000832  | .0002281 |
| %RSD   | 1.083090 | .4713054 | 58.39443 | 56.68342 | .6597395 | 1783.747 | 1.365450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0845836 | 17.05426 | .0017712 | .0004324 | 26.24922 | -.000812 | .0164481 |
| #2 | .0864341 | 17.15241 | .0004262 | .0001090 | 26.40283 | -.000167 | .0168889 |
| #3 | .0855888 | 17.21449 | .0013181 | .0003947 | 26.59700 | .000839  | .0167699 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.468721 | .0235555 | .0271860 | .0010574 | 39.90055 | 1.363649 | -.004547 |
| Stddev | .022922  | .0018464 | .0015624 | .0003962 | .13237   | .017062  | .001818  |
| %RSD   | 1.560664 | 7.838754 | 5.746911 | 37.46858 | .3317386 | 1.251170 | 39.97559 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.460835 | .0250297 | .0286712 | .0006077 | 40.01894 | 1.365013 | -.003507 |
| #2 | 1.450783 | .0241522 | .0273304 | .0012095 | 39.75764 | 1.345947 | -.006645 |
| #3 | 1.494544 | .0214844 | .0255565 | .0013549 | 39.92508 | 1.379988 | -.003488 |

Sample Name: M3113-06      Acquired: 07/28/2021 16:30:09      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AD4      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0036848 | .0042803 | .4204703 |
| Stddev | .0011285 | .0003837 | .0015791 |
| %RSD   | 30.62497 | 8.964160 | .3755633 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0025496 | .0045071 | .4202572 |
| #2 | .0048064 | .0044964 | .4221451 |
| #3 | .0036984 | .0038373 | .4190084 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1720.329 | 32907.84 | 9019.508 | 976.5265 | 2182.050 |
| Stddev    | 3.212    | 215.10   | 33.272   | 10.4068  | 1.874    |
| %RSD      | .1867253 | .6536422 | .3688921 | 1.065691 | .0858937 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1723.552 | 32849.48 | 9025.790 | 973.6000 | 2180.412 |
| #2 | 1717.127 | 32727.95 | 8983.543 | 967.8962 | 2184.094 |
| #3 | 1720.308 | 33146.10 | 9049.192 | 988.0831 | 2181.645 |

Sample Name: M3113-07      Acquired: 07/28/2021 16:34:13      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AD7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007557 | -.007510 | -.000041 | .0051444 | .0008582 | .2536895 | .0534068 |
| Stddev | .0046142 | .000636  | .001600  | .0014822 | .0011880 | .0032338 | .0014606 |
| %RSD   | 610.5802 | 8.464601 | 3877.434 | 28.81192 | 138.4344 | 1.274706 | 2.734837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052084 | -.007625 | .001672  | .0041152 | .0020448 | .2558644 | .0536210 |
| #2 | -.004005 | -.006825 | -.001497 | .0068433 | -.000331 | .2499734 | .0518510 |
| #3 | .001063  | -.008081 | -.000298 | .0044748 | .000861  | .2552308 | .0547485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000144 | -.000214 | 58.60170 | .0011483 | -.001781 | .0023192 | .4162073 |
| Stddev | .000084  | .000060  | .01546   | .0003381 | .000139  | .0006161 | .0085493 |
| %RSD   | 58.63505 | 27.90434 | .0263821 | 29.44634 | 7.831663 | 26.56298 | 2.054101 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000069 | -.000282 | 58.61786 | .0014228 | -.001777 | .0022146 | .4067933 |
| #2 | -.000236 | -.000171 | 58.60021 | .0007706 | -.001922 | .0029809 | .4183410 |
| #3 | -.000127 | -.000189 | 58.58704 | .0012514 | -.001644 | .0017622 | .4234878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0907088 | 16.37456 | .0011774 | .0001962 | 25.11806 | .0027754 | .0329223 |
| Stddev | .0004086 | .11212   | .0004956 | .0001283 | .21600   | .0021218 | .0027685 |
| %RSD   | .4505091 | .6846925 | 42.09224 | 65.39872 | .8599289 | 76.44894 | 8.409334 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0911750 | 16.26782 | .0008613 | .0001538 | 24.92715 | .0021638 | .0310335 |
| #2 | .0904124 | 16.36449 | .0009224 | .0003404 | 25.07453 | .0051358 | .0361003 |
| #3 | .0905391 | 16.49137 | .0017486 | .0000944 | 25.35251 | .0010266 | .0316330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.368259 | .0242268 | .0254559 | .0012173 | 37.59582 | 1.333327 | -.005826 |
| Stddev | .030295  | .0027345 | .0016594 | .0000705 | .16479   | .007906  | .000730  |
| %RSD   | 2.214111 | 11.28696 | 6.518695 | 5.793146 | .4383182 | .5929285 | 12.53200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.334779 | .0267894 | .0241758 | .0012591 | 37.70655 | 1.326380 | -.006412 |
| #2 | 1.393778 | .0213479 | .0273307 | .0011359 | 37.40644 | 1.331671 | -.006058 |
| #3 | 1.376222 | .0245431 | .0248612 | .0012569 | 37.67446 | 1.341930 | -.005008 |

Sample Name: M3113-07      Acquired: 07/28/2021 16:34:13      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AD7      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0052071 | .0030949 | .3961889 |
| Stddev | .0006139 | .0015309 | .0009727 |
| %RSD   | 11.79029 | 49.46509 | .2455280 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0057632 | .0015558 | .3952206 |
| #2 | .0053099 | .0031115 | .3961801 |
| #3 | .0045483 | .0046174 | .3971660 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1743.876 | 33452.92 | 9215.653 | 994.3936 | 2217.079 |
| Stddev    | 2.097    | 78.38    | 55.999   | 4.7919   | 8.345    |
| %RSD      | .1202531 | .2343018 | .6076510 | .4818897 | .3763954 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1746.211 | 33380.61 | 9260.258 | 989.0509 | 2213.026 |
| #2 | 1743.261 | 33441.93 | 9233.893 | 995.8184 | 2226.676 |
| #3 | 1742.154 | 33536.22 | 9152.808 | 998.3116 | 2211.535 |

Sample Name: M3113-08      Acquired: 07/28/2021 16:38:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005176 | -.009913 | .0000080 | .0049972 | .0017344 | .2732822 | .0578062 |
| Stddev | .002793  | .003378  | .0021692 | .0041987 | .0023863 | .0029007 | .0001410 |
| %RSD   | 53.95282 | 34.07694 | 27145.83 | 84.01971 | 137.5813 | 1.061427 | .2439217 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008395 | -.007404 | .0012339 | .0076404 | .0014908 | .2734847 | .0576446 |
| #2 | -.003734 | -.008581 | -.002497 | .0071954 | .0042332 | .2760763 | .0578695 |
| #3 | -.003400 | -.013754 | .001287  | .0001558 | -.000521 | .2702855 | .0579044 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000163 | -.000187 | 62.03539 | .0021275 | -.002038 | .0019972 | .4104376 |
| Stddev | .000060  | .000052  | .08795   | .0001451 | .000271  | .0022731 | .0119799 |
| %RSD   | 36.92062 | 27.69926 | .1417730 | 6.819273 | 13.29442 | 113.8158 | 2.918801 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000195 | -.000172 | 62.11588 | .0020038 | -.001728 | .0019053 | .4171292 |
| #2 | -.000094 | -.000245 | 61.94152 | .0022872 | -.002152 | -.000229 | .4175768 |
| #3 | -.000201 | -.000145 | 62.04878 | .0020915 | -.002232 | .004315  | .3966069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0930234 | 17.13314 | .0012339 | .0004046 | 26.11753 | .0011476 | .0347218 |
| Stddev | .0010419 | .10313   | .0008534 | .0003067 | .34891   | .0025287 | .0009367 |
| %RSD   | 1.120084 | .6019049 | 69.15912 | 75.81595 | 1.335931 | 220.3471 | 2.697882 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0928817 | 17.01572 | .0016292 | .0003113 | 25.71466 | -.001497 | .0357974 |
| #2 | .0941290 | 17.17469 | .0018181 | .0001553 | 26.32303 | .001399  | .0342830 |
| #3 | .0920596 | 17.20901 | .0002546 | .0007471 | 26.31488 | .003542  | .0340850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.566159 | .0251217 | .0279256 | .0009623 | 39.78159 | 1.430658 | -.006329 |
| Stddev | .052782  | .0057999 | .0006423 | .0006568 | .10651   | .011403  | .002393  |
| %RSD   | 3.370185 | 23.08712 | 2.300038 | 68.26064 | .2677366 | .7970710 | 37.80742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.505281 | .0318188 | .0271989 | .0011562 | 39.88085 | 1.417490 | -.003623 |
| #2 | 1.599132 | .0217741 | .0284175 | .0002303 | 39.66907 | 1.437304 | -.007200 |
| #3 | 1.594063 | .0217721 | .0281603 | .0015003 | 39.79484 | 1.437179 | -.008165 |

Sample Name: M3113-08      Acquired: 07/28/2021 16:38:17      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0047874 | .0042321 | .4189802 |
| Stddev | .0015030 | .0004379 | .0008664 |
| %RSD   | 31.39534 | 10.34607 | .2067932 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0052611 | .0047375 | .4187667 |
| #2 | .0031046 | .0039658 | .4182406 |
| #3 | .0059966 | .0039931 | .4199335 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1715.927 | 32871.42 | 9040.321 | 979.7329 | 2177.251 |
| Stddev    | 2.361    | 113.58   | 33.322   | 4.6134   | 3.484    |
| %RSD      | .1375675 | .3455284 | .3685909 | .4708823 | .1600045 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1713.202 | 32791.66 | 9075.196 | 982.5299 | 2177.604 |
| #2 | 1717.346 | 32821.13 | 9036.959 | 982.2607 | 2180.544 |
| #3 | 1717.234 | 33001.46 | 9008.807 | 974.4081 | 2173.604 |

Sample Name: M3113-09      Acquired: 07/28/2021 16:42:21      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001029 | -.008803 | .0005637 | .0079141 | .0013491 | .2756347 | .0567562 |
| Stddev | .003736  | .002820  | .0006334 | .0043142 | .0008756 | .0015626 | .0006575 |
| %RSD   | 362.9733 | 32.02994 | 112.3694 | 54.51282 | 64.89836 | .5668961 | 1.158436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004947 | -.010716 | .0003864 | .0047774 | .0007170 | .2760339 | .0560400 |
| #2 | .002492  | -.005565 | .0000378 | .0128340 | .0009819 | .2739113 | .0573325 |
| #3 | -.000632 | -.010128 | .0012668 | .0061308 | .0023485 | .2769590 | .0568960 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000095 | -.000146 | 60.63549 | .0018648 | -.001746 | .0015462 | .3930623 |
| Stddev | .000009  | .000103  | .16993   | .0003850 | .000241  | .0021674 | .0142466 |
| %RSD   | 9.585851 | 70.52158 | .2802543 | 20.64671 | 13.80703 | 140.1775 | 3.624506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000105 | -.000265 | 60.47934 | .0022106 | -.001798 | -.000347 | .3822155 |
| #2 | -.000089 | -.000094 | 60.61066 | .0014499 | -.001483 | .003910  | .4091967 |
| #3 | -.000090 | -.000079 | 60.81647 | .0019339 | -.001957 | .001075  | .3877748 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0911061 | 16.54127 | .0018409 | .0003667 | 25.55844 | .0010967 | .0351965 |
| Stddev | .0005537 | .08321   | .0001208 | .0002021 | .42971   | .0024139 | .0006692 |
| %RSD   | .6077064 | .5030160 | 6.563848 | 55.10442 | 1.681272 | 220.1156 | 1.901208 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0907556 | 16.63717 | .0017593 | .0005657 | 25.26444 | -.000219 | .0358909 |
| #2 | .0917444 | 16.49835 | .0019797 | .0001617 | 26.05159 | -.000373 | .0345558 |
| #3 | .0908182 | 16.48828 | .0017838 | .0003728 | 25.35930 | .003883  | .0351429 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.498738 | .0217666 | .0257104 | .0010708 | 38.69554 | 1.386334 | -.006527 |
| Stddev | .043538  | .0032707 | .0009515 | .0010287 | .09252   | .010511  | .001051  |
| %RSD   | 2.905002 | 15.02614 | 3.700975 | 96.06434 | .2390997 | .7581614 | 16.09505 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.548979 | .0200659 | .0252794 | .0019735 | 38.79350 | 1.397621 | -.005589 |
| #2 | 1.472051 | .0255373 | .0268011 | -.000049 | 38.68349 | 1.384552 | -.007662 |
| #3 | 1.475183 | .0196967 | .0250506 | .001288  | 38.60963 | 1.376828 | -.006331 |



Sample Name: M3113-09      Acquired: 07/28/2021 16:42:21      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AY3D      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0093872 | .0029168 | .4109004 |
| Stddev | .0058696 | .0010015 | .0008236 |
| %RSD   | 62.52798 | 34.33478 | .2004461 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0061475 | .0031709 | .4117775 |
| #2 | .0161627 | .0037667 | .4107803 |
| #3 | .0058514 | .0018127 | .4101434 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1752.919 | 33415.13 | 9241.907 | 993.8183 | 2223.573 |
| Stddev    | 2.330    | 59.75    | 10.433   | 3.8732   | 5.121    |
| %RSD      | .1329052 | .1788159 | .1128928 | .3897315 | .2303260 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1750.583 | 33390.13 | 9249.816 | 995.1883 | 2217.662 |
| #2 | 1755.242 | 33483.32 | 9245.823 | 996.8204 | 2226.666 |
| #3 | 1752.933 | 33371.94 | 9230.082 | 989.4463 | 2226.392 |

Sample Name: M3113-10      Acquired: 07/28/2021 16:46:25      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0372713 | .0368687 | .0197850 | .0512076 | .1009294 | 2.269573 | 2.215943 |
| Stddev | .0042662 | .0032052 | .0012480 | .0034108 | .0034436 | .006835  | .005721  |
| %RSD   | 11.44627 | 8.693619 | 6.308075 | 6.660659 | 3.411853 | .3011531 | .2581945 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0356517 | .0365300 | .0183482 | .0550499 | .1045934 | 2.264203 | 2.212815 |
| #2 | .0340521 | .0402298 | .0204068 | .0500355 | .1004352 | 2.267249 | 2.222547 |
| #3 | .0421101 | .0338463 | .0206000 | .0485375 | .0977597 | 2.277267 | 2.212468 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0580667 | .0506687 | 60.02517 | .2316692 | .5144472 | .2801355 | 1.625365 |
| Stddev | .0002567 | .0001376 | .07805   | .0012843 | .0015429 | .0009440 | .007388  |
| %RSD   | .4421135 | .2716167 | .1300251 | .5543800 | .2999108 | .3369868 | .4545130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0577727 | .0507788 | 59.95045 | .2331055 | .5131231 | .2797895 | 1.625521 |
| #2 | .0582465 | .0505144 | 60.10617 | .2306313 | .5140769 | .2794134 | 1.617901 |
| #3 | .0581808 | .0507128 | 60.01890 | .2312708 | .5161415 | .2812037 | 1.632674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6313773 | 16.67110 | .5344848 | .0251143 | 25.49937 | .5855891 | .5253453 |
| Stddev | .0010838 | .07531   | .0007028 | .0001136 | .02354   | .0016743 | .0051361 |
| %RSD   | .1716529 | .4517573 | .1314999 | .4524859 | .0923045 | .2859114 | .9776585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6311946 | 16.65022 | .5351358 | .0251864 | 25.52640 | .5860038 | .5290934 |
| #2 | .6325409 | 16.60843 | .5345790 | .0249833 | 25.48835 | .5837465 | .5194909 |
| #3 | .6303966 | 16.75465 | .5337396 | .0251732 | 25.48337 | .5870171 | .5274516 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.454771 | .0291944 | .0265030 | .0011583 | 38.75683 | 1.361978 | -.005418 |
| Stddev | .039667  | .0025450 | .0012783 | .0002924 | .11132   | .010141  | .001000  |
| %RSD   | 2.726703 | 8.717298 | 4.823407 | 25.24173 | .2872236 | .7445587 | 18.45036 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.477741 | .0301998 | .0253993 | .0011531 | 38.74707 | 1.351476 | -.004585 |
| #2 | 1.477604 | .0310830 | .0262061 | .0008686 | 38.65071 | 1.362743 | -.006526 |
| #3 | 1.408967 | .0263003 | .0279037 | .0014533 | 38.87271 | 1.371714 | -.005142 |

Sample Name: M3113-10      Acquired: 07/28/2021 16:46:25      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AY3S      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0038663 | .0048290 | .4067483 |
| Stddev | .0010606 | .0008914 | .0006633 |
| %RSD   | 27.43159 | 18.45835 | .1630762 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0027292 | .0040745 | .4070130 |
| #2 | .0040409 | .0046001 | .4072383 |
| #3 | .0048288 | .0058125 | .4059935 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1716.547 | 32864.04 | 9018.855 | 976.8982 | 2177.126 |
| Stddev    | 3.698    | 5.02     | 31.845   | 6.3145   | 1.739    |
| %RSD      | .2154201 | .0152605 | .3530928 | .6463865 | .0798733 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1717.379 | 32868.66 | 9052.049 | 970.5678 | 2177.308 |
| #2 | 1719.757 | 32864.76 | 8988.557 | 983.1967 | 2178.767 |
| #3 | 1712.504 | 32858.71 | 9015.958 | 976.9301 | 2175.303 |

Sample Name: M3113-08LX5      Acquired: 07/28/2021 16:50:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015367 | -.001219 | -.002003 | .0009769 | .0019216 | .0577394 | .0105752 |
| Stddev | .0027808 | .003286  | .002255  | .0033690 | .0014333 | .0111417 | .0005555 |
| %RSD   | 180.9650 | 269.4894 | 112.6177 | 344.8601 | 74.58908 | 19.29644 | 5.253015 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026473 | -.004060 | .000598  | -.002897 | .0020766 | .0705156 | .0110056 |
| #2 | .0035905 | .002380  | -.003193 | .003226  | .0004171 | .0526606 | .0099481 |
| #3 | -.001628 | -.001979 | -.003413 | .002601  | .0032712 | .0500422 | .0107719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000009 | -.000050 | 12.07163 | .0001595 | -.001144 | .0015342 | .0826289 |
| Stddev | .000134  | .000101  | .06834   | .0004971 | .000151  | .0004224 | .0142001 |
| %RSD   | 1533.438 | 200.3908 | .5661385 | 311.6440 | 13.24305 | 27.53314 | 17.18538 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | -.000048 | 12.00703 | .0007084 | -.001041 | .0012893 | .0735786 |
| #2 | -.000129 | .000049  | 12.14318 | -.000260 | -.001073 | .0020220 | .0989951 |
| #3 | .000136  | -.000152 | 12.06467 | .000030  | -.001318 | .0012914 | .0753129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0180719 | 3.302268 | .0003482 | .0003191 | 5.058779 | .0002934 | .0080865 |
| Stddev | .0005755 | .070587  | .0005430 | .0002260 | .273823  | .0022081 | .0002489 |
| %RSD   | 3.184804 | 2.137516 | 155.9248 | 70.82141 | 5.412824 | 752.5480 | 3.078415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0174237 | 3.315865 | -.000235 | .0005798 | 5.089616 | -.001702 | .0080186 |
| #2 | .0182688 | 3.365067 | .000441  | .0001770 | 5.315877 | -.000084 | .0078786 |
| #3 | .0185231 | 3.225872 | .000839  | .0002006 | 4.770843 | .002666  | .0083624 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0362720 | .0112153 | .0013925 | .0006027 | 8.211064 | .2786903 | -.001431 |
| Stddev | .0275255 | .0034862 | .0007948 | .0003248 | .037201  | .0029696 | .002417  |
| %RSD   | 75.88644 | 31.08415 | 57.07860 | 53.89022 | .4530596 | 1.065574 | 168.8475 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0630488 | .0152407 | .0015249 | .0002883 | 8.198794 | .2797433 | -.001322 |
| #2 | .0080543 | .0092202 | .0005398 | .0005827 | 8.181547 | .2809900 | .000929  |
| #3 | .0377130 | .0091850 | .0021128 | .0009369 | 8.252850 | .2753376 | -.003901 |

Sample Name: M3113-08LX5      Acquired: 07/28/2021 16:50:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY3L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010638 | .0047323 | .0812680 |
| Stddev | .0019028 | .0014322 | .0001784 |
| %RSD   | 178.8603 | 30.26448 | .2195058 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0031145 | .0063624 | .0810652 |
| #2 | -.000645 | .0036759 | .0814005 |
| #3 | .000722  | .0041586 | .0813383 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1721.707 | 32248.99 | 8859.611 | 968.1245 | 2172.514 |
| Stddev    | 2.154    | 48.63    | 25.692   | 1.9412   | 2.257    |
| %RSD      | .1251211 | .1507917 | .2899920 | .2005071 | .1038769 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1720.097 | 32304.76 | 8861.100 | 968.0860 | 2170.032 |
| #2 | 1720.869 | 32226.79 | 8833.207 | 966.2029 | 2174.442 |
| #3 | 1724.154 | 32215.43 | 8884.526 | 970.0846 | 2173.069 |

Sample Name: M3113-11      Acquired: 07/28/2021 16:54:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004694 | -.006937 | .0004775 | .0037863 | .0020356 | .2309885 | .0540707 |
| Stddev | .002561  | .003788  | .0023472 | .0025508 | .0015876 | .0038754 | .0007996 |
| %RSD   | 54.56090 | 54.59981 | 491.5528 | 67.36990 | 77.99138 | 1.677745 | 1.478791 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002219 | -.007796 | .0020228 | .0063877 | .0020295 | .2332447 | .0549940 |
| #2 | -.007334 | -.002794 | -.002223 | .0012892 | .0004511 | .2265136 | .0536170 |
| #3 | -.004531 | -.010221 | .001633  | .0036821 | .0036263 | .2332071 | .0536013 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000153 | -.000252 | 60.41309 | .0017062 | -.001611 | .0008255 | .3592128 |
| Stddev | .000116  | .000071  | .17145   | .0008305 | .000274  | .0008924 | .0084382 |
| %RSD   | 76.00587 | 28.35465 | .2838023 | 48.67686 | 17.03182 | 108.0951 | 2.349080 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000182 | -.000169 | 60.23026 | .0015067 | -.001390 | .0017519 | .3684854 |
| #2 | -.000025 | -.000293 | 60.43874 | .0026183 | -.001526 | .0007533 | .3571683 |
| #3 | -.000252 | -.000292 | 60.57028 | .0009936 | -.001918 | -.000028 | .3519847 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0844248 | 16.39850 | .0007306 | .0004388 | 25.45847 | .0006989 | .0153633 |
| Stddev | .0001384 | .07688   | .0004367 | .0000743 | .18787   | .0010798 | .0008692 |
| %RSD   | .1639489 | .4688308 | 59.77649 | 16.92597 | .7379438 | 154.4930 | 5.657517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0845379 | 16.47485 | .0012093 | .0003568 | 25.64739 | -.000241 | .0163610 |
| #2 | .0844662 | 16.32110 | .0006283 | .0005016 | 25.27167 | .001878  | .0149583 |
| #3 | .0842705 | 16.39954 | .0003541 | .0004579 | 25.45635 | .000459  | .0147705 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.360123 | .0185276 | .0257926 | .0013200 | 39.13052 | 1.313945 | -.005625 |
| Stddev | .074788  | .0029371 | .0004982 | .0007250 | .19560   | .010663  | .000865  |
| %RSD   | 5.498610 | 15.85282 | 1.931445 | 54.92462 | .4998534 | .8115486 | 15.38500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.330663 | .0205154 | .0256059 | .0020937 | 38.90878 | 1.310599 | -.004634 |
| #2 | 1.445154 | .0151539 | .0254147 | .0012100 | 39.20421 | 1.305356 | -.006233 |
| #3 | 1.304551 | .0199134 | .0263571 | .0006563 | 39.27855 | 1.325880 | -.006008 |

Sample Name: M3113-11      Acquired: 07/28/2021 16:54:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0037053 | .0028582 | .4113651 |
| Stddev | .0007795 | .0008304 | .0008264 |
| %RSD   | 21.03722 | 29.05225 | .2009048 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0032547 | .0026493 | .4104127 |
| #2 | .0046053 | .0037730 | .4117898 |
| #3 | .0032558 | .0021522 | .4118929 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1716.074 | 32722.21 | 9099.052 | 980.3569 | 2168.881 |
| Stddev    | 1.780    | 20.27    | 16.783   | 5.6713   | 3.793    |
| %RSD      | .1037217 | .0619574 | .1844483 | .5784937 | .1748731 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1715.330 | 32740.36 | 9104.818 | 976.2654 | 2173.096 |
| #2 | 1718.106 | 32725.94 | 9112.193 | 986.8308 | 2165.743 |
| #3 | 1714.787 | 32700.33 | 9080.147 | 977.9745 | 2167.803 |

Sample Name: M3113-12      Acquired: 07/28/2021 16:58:40      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MC0AY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002278 | -.005309 | -.003034 | .0035322 | .0005267 | .0507887 | -.000185 |
| Stddev | .002897  | .002539  | .001204  | .0018536 | .0012247 | .0039742 | .000358  |
| %RSD   | 127.1912 | 47.81733 | 39.66707 | 52.47648 | 232.5101 | 7.824987 | 193.4916 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005529 | -.004253 | -.003736 | .0046548 | .0009751 | .0462217 | -.000144 |
| #2 | -.001331 | -.003469 | -.003722 | .0013928 | -.000859 | .0534613 | -.000562 |
| #3 | .000028  | -.008205 | -.001645 | .0045491 | .001464  | .0526831 | .000151  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000232 | -.000333 | .0527618 | .0012924 | -.000848 | -.000375 | .1009316 |
| Stddev | .000059  | .000135  | .0073823 | .0005792 | .000208  | .002480  | .0047996 |
| %RSD   | 25.25044 | 40.66343 | 13.99171 | 44.81358 | 24.57968 | 662.0409 | 4.755317 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000197 | -.000459 | .0512916 | .0017559 | -.000933 | -.000189 | .1056363 |
| #2 | -.000300 | -.000349 | .0607685 | .0014783 | -.000611 | .002007  | .0960423 |
| #3 | -.000200 | -.000190 | .0462252 | .0006431 | -.001001 | -.002942 | .1011162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053157 | .0445487 | .0005583 | .0000302 | -.354786 | .0020743 | .0165187 |
| Stddev | .0002043 | .0225505 | .0004717 | .0004191 | .214256  | .0047214 | .0007812 |
| %RSD   | 3.843772 | 50.61993 | 84.47943 | 1387.939 | 60.39023 | 227.6165 | 4.729423 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054164 | .0209784 | .0007619 | -.000029 | -.223927 | .0072090 | .0167639 |
| #2 | .0054501 | .0467498 | .0008941 | -.000356 | -.602047 | -.002080 | .0171480 |
| #3 | .0050806 | .0659180 | .0000191 | .000476  | -.238384 | .001094  | .0156443 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.61953 | -.001043 | -.005993 | .0005732 | .0394164 | .0320318 | -.002418 |
| Stddev | .03943   | .003286  | .001781  | .0005474 | .0094904 | .0011198 | .002145  |
| %RSD   | 2.434608 | 315.1690 | 29.72366 | 95.48153 | 24.07735 | 3.495898 | 88.68389 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.58929 | -.004457 | -.007931 | .0004822 | .0314603 | .0330162 | -.003028 |
| #2 | -1.60518 | -.000770 | -.005621 | .0000771 | .0368682 | .0308135 | -.004192 |
| #3 | -1.66413 | .002099  | -.004427 | .0011604 | .0499208 | .0322656 | -.000035 |



Sample Name: M3113-12      Acquired: 07/28/2021 16:58:40      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MC0AY2      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0033056 | -.001524 | -.000041 |
| Stddev | .0003400 | .001200  | .000056  |
| %RSD   | 10.28493 | 78.71590 | 138.4429 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0029381 | -.002553 | .000015  |
| #2 | .0033697 | -.001812 | -.000039 |
| #3 | .0036089 | -.000207 | -.000098 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1748.222 | 32836.67 | 9153.847 | 982.9543 | 2190.162 |
| Stddev    | 2.930    | 178.67   | 45.061   | 5.2642   | 4.509    |
| %RSD      | .1675948 | .5441022 | .4922598 | .5355529 | .2058738 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1750.397 | 32630.39 | 9136.161 | 980.0249 | 2194.317 |
| #2 | 1749.377 | 32942.63 | 9120.313 | 989.0316 | 2190.803 |
| #3 | 1744.890 | 32936.98 | 9205.068 | 979.8063 | 2185.367 |

Sample Name: PB137884BL      Acquired: 07/28/2021 17:02:50      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW884      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003326 | -.002787 | -.001585 | .0009256 | .0005254 | .0065147 | -.001952 |
| Stddev | .0004745 | .003676  | .004095  | .0037059 | .0011226 | .0102688 | .000580  |
| %RSD   | 142.6521 | 131.8982 | 258.3241 | 400.3847 | 213.6587 | 157.6254 | 29.68958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003845 | -.005932 | -.002965 | -.001174 | -.000751 | -.004825 | -.002622 |
| #2 | .0007790 | -.003682 | -.004813 | .005205  | .001359  | .015186  | -.001615 |
| #3 | -.000166 | .001254  | .003022  | -.001253 | .000968  | .009183  | -.001621 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000079 | .0000135 | -.002094 | -.000221 | .0002546 | .0026329 | .0000766 |
| Stddev | .000073  | .0000627 | .003479  | .000075  | .0001999 | .0026460 | .0018146 |
| %RSD   | 91.67520 | 464.4718 | 166.1460 | 33.88094 | 78.50697 | 100.4960 | 2368.945 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | .0000815 | -.000848 | -.000219 | .0004734 | .0052582 | -.001421 |
| #2 | -.000092 | -.000042 | -.006024 | -.000148 | .0000817 | -.000033 | .002095  |
| #3 | -.000145 | .000001  | .000591  | -.000297 | .0002087 | .002674  | -.000444 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001436 | .0271835 | .0009508 | .0005836 | -.103241 | .0000411 | .0004509 |
| Stddev | .0001455 | .0207058 | .0000944 | .0004036 | .195265  | .0010702 | .0021057 |
| %RSD   | 101.3001 | 76.17049 | 9.930036 | 69.14445 | 189.1345 | 2605.485 | 466.9973 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002316 | .0273982 | .0008597 | .0001599 | .025394  | .0010672 | .0013137 |
| #2 | .0002235 | .0063711 | .0010482 | .0009633 | -.007190 | .0001243 | -.001949 |
| #3 | -.000024 | .0477811 | .0009444 | .0006277 | -.327927 | -.001068 | .001988  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.298340 | .0021469 | -.006108 | -.000230 | -.000637 | .0012396 | -.003190 |
| Stddev | .048160  | .0015837 | .001120  | .000521  | .014385  | .0007813 | .001049  |
| %RSD   | 16.14253 | 73.76602 | 18.33052 | 226.3730 | 2256.607 | 63.02501 | 32.87890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.263107 | .0033012 | -.007100 | -.000298 | -.014202 | .0018427 | -.003012 |
| #2 | -.278696 | .0003414 | -.004894 | -.000714 | .014447  | .0003570 | -.002241 |
| #3 | -.353216 | .0027982 | -.006329 | .000321  | -.002158 | .0015190 | -.004316 |

Sample Name: PB137884BL      Acquired: 07/28/2021 17:02:50      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW884      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000087 | .0035013 | .0000033 |
| Stddev | .000273  | .0011362 | .0000375 |
| %RSD   | 312.5801 | 32.45069 | 1131.319 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000199  | .0023810 | .0000013 |
| #2 | -.000116 | .0046527 | .0000418 |
| #3 | -.000345 | .0034701 | -.000033 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1714.001 | 32102.70 | 8855.061 | 965.3227 | 2153.619 |
| Stddev    | 3.063    | 22.84    | 28.547   | 5.9877   | 3.067    |
| %RSD      | .1787280 | .0711357 | .3223830 | .6202810 | .1424114 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1715.818 | 32077.66 | 8851.138 | 960.7370 | 2154.727 |
| #2 | 1715.721 | 32122.38 | 8828.679 | 972.0967 | 2155.978 |
| #3 | 1710.464 | 32108.07 | 8885.367 | 963.1342 | 2150.152 |

Sample Name: PB137992BS      Acquired: 07/28/2021 17:07:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS992      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0235020 | .0589865 | .0206864 | .0803818 | .1144582 | .4028495 |
| Stddev | .0003559 | .0033175 | .0002798 | .0010987 | .0030693 | .0099166 |
| %RSD   | 1.514174 | 5.624232 | 1.352337 | 1.366832 | 2.681615 | 2.461615 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0231017 | .0625603 | .0208376 | .0800233 | .1134963 | .3997710 |
| #2 | .0236220 | .0583943 | .0208581 | .0795071 | .1119850 | .4139403 |
| #3 | .0237823 | .0560050 | .0203636 | .0816149 | .1178933 | .3948373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3702680 | .0128166 | .0106126 | 10.18328 | .0216639 | .0968606 |
| Stddev | .0002609 | .0002010 | .0000904 | .01220   | .0005784 | .0002198 |
| %RSD   | .0704703 | 1.568443 | .8514002 | .1197804 | 2.669923 | .2269679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3701818 | .0130380 | .0106060 | 10.19292 | .0215789 | .0970343 |
| #2 | .3705612 | .0126454 | .0107061 | 10.16957 | .0211327 | .0969339 |
| #3 | .3700611 | .0127666 | .0105258 | 10.18735 | .0222801 | .0966134 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0524358 | .1784381 | .0307491 | 10.64042 | .0816760 | .0191704 |
| Stddev | .0018100 | .0138482 | .0005114 | .06646   | .0001607 | .0003523 |
| %RSD   | 3.451844 | 7.760776 | 1.663317 | .6246115 | .1967419 | 1.837742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0530872 | .1624702 | .0309897 | 10.71484 | .0818113 | .0189127 |
| #2 | .0538299 | .1856860 | .0310959 | 10.61944 | .0817183 | .0190266 |
| #3 | .0503902 | .1871582 | .0301617 | 10.58698 | .0814984 | .0195718 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.786372 | .1072212 | .1090933 | 8.266847 | .0172589 | F .1761490 |
| Stddev | .144231  | .0043436 | .0036323 | .040756  | .0045181 | .0005492   |
| %RSD   | 1.473790 | 4.051029 | 3.329550 | .4930018 | 26.17827 | .3117687   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.905841 | .1025412 | .1051326 | 8.221691 | .0149929 | .1766498 |
| #2 | 9.827126 | .1079992 | .1098784 | 8.300902 | .0143222 | .1755617 |
| #3 | 9.626149 | .1111232 | .1122689 | 8.277949 | .0224615 | .1762354 |

Sample Name: PB137992BS      Acquired: 07/28/2021 17:07:00      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS992      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0183627 | .1936988 | .2088142 | F .0069642 | .2102752 | .0259530 |
| Stddev | .0005404 | .0028871 | .0022767 | .0019753   | .0009192 | .0003401 |
| %RSD   | 2.942804 | 1.490520 | 1.090285 | 28.36440   | .4371545 | 1.310507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0182699 | .1959911 | .2108166 | .0081238 | .2097505 | .0260520 |
| #2 | .0178747 | .1946490 | .2063379 | .0046834 | .2097384 | .0255744 |
| #3 | .0189435 | .1904563 | .2092882 | .0080854 | .2113366 | .0262327 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2096968 |
| Stddev | .0003006 |
| %RSD   | .1433433 |

|    |          |
|----|----------|
| #1 | .2099912 |
| #2 | .2093904 |
| #3 | .2097088 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1885.626 | 35144.61 | 9511.660 | 1080.143 | 2368.643 |
| Stddev    | 5.100    | 38.38    | 60.471   | 4.942    | 3.812    |
| %RSD      | .2704781 | .1092150 | .6357603 | .4575643 | .1609542 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1891.480 | 35150.79 | 9453.434 | 1082.738 | 2372.952 |
| #2 | 1882.138 | 35103.51 | 9574.151 | 1074.444 | 2367.272 |
| #3 | 1883.261 | 35179.53 | 9507.394 | 1083.248 | 2365.706 |

Sample Name: CCV024      Acquired: 07/28/2021 17:31:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV024      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.769652 | 4.661226 | 23.80556 | 4.639635 | 4.753550 | 399.1803 | 9.650259 |
| Stddev | .013541  | .008078  | .10413   | .019339  | .001269  | 3.0099   | .022630  |
| %RSD   | .2838991 | .1732965 | .4374278 | .4168324 | .0266945 | .7540133 | .2345045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.784673 | 4.669491 | 23.81891 | 4.659521 | 4.753744 | 397.7643 | 9.670849 |
| #2 | 4.765902 | 4.660838 | 23.69539 | 4.638490 | 4.754710 | 397.1395 | 9.653898 |
| #3 | 4.758381 | 4.653350 | 23.90237 | 4.620893 | 4.752195 | 402.6370 | 9.626030 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5285304 | 2.344340 | 390.3332 | 14.69196 | 2.370727 | 14.81379 | 418.4209 |
| Stddev | .0023559 | .007258  | .8220    | .01643   | .010038  | .03754   | 1.0303   |
| %RSD   | .4457529 | .3095800 | .2105949 | .1118441 | .4234292 | .2534144 | .2462284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5312431 | 2.347861 | 391.0294 | 14.67325 | 2.371827 | 14.83434 | 417.2462 |
| #2 | .5269968 | 2.335993 | 390.5438 | 14.70404 | 2.360184 | 14.83657 | 419.1713 |
| #3 | .5273514 | 2.349165 | 389.4264 | 14.69860 | 2.380170 | 14.77046 | 418.8452 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.11871 | 411.5787 | 2.353798 | 1.169796 | 401.1737 | 2.518407 | 14.15840 |
| Stddev | .00755   | 1.3364   | .005841  | .004843  | .6669    | .012820  | .06005   |
| %RSD   | .0534893 | .3247099 | .2481506 | .4140009 | .1662275 | .5090477 | .4241421 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.12301 | 410.0523 | 2.358036 | 1.164864 | 400.5447 | 2.504428 | 14.09306 |
| #2 | 14.12313 | 412.5389 | 2.347135 | 1.174544 | 401.8729 | 2.521181 | 14.21116 |
| #3 | 14.10999 | 412.1448 | 2.356223 | 1.169979 | 401.1035 | 2.529613 | 14.17098 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.4151 | 4.954696 | 5.254493 | 4.767845 | 4.789850 | 5.252719 | 4.801737 |
| Stddev | .1808    | .009396  | .020776  | .001350  | .012198  | .021444  | .012422  |
| %RSD   | .1178238 | .1896417 | .3953874 | .0283212 | .2546729 | .4082422 | .2587027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 153.3602 | 4.965232 | 5.278131 | 4.769114 | 4.794181 | 5.274826 | 4.810053 |
| #2 | 153.2682 | 4.951673 | 5.246218 | 4.767996 | 4.776077 | 5.251326 | 4.787457 |
| #3 | 153.6170 | 4.947184 | 5.239130 | 4.766426 | 4.799292 | 5.232006 | 4.807701 |

Sample Name: CCV024      Acquired: 07/28/2021 17:31:42      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV024      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.019748 | 4.941180 | 4.672018 |
| Stddev | .006156  | .012314  | .033923  |
| %RSD   | .1226298 | .2492135 | .7260896 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.013888 | 4.952983 | 4.677239 |
| #2 | 5.026162 | 4.942145 | 4.703029 |
| #3 | 5.019193 | 4.928412 | 4.635788 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1476.597 | 29755.57 | 8403.619 | 827.1348 | 1757.665 |
| Stddev    | 2.420    | 72.79    | 27.450   | .1811    | 5.188    |
| %RSD      | .1639122 | .2446233 | .3266392 | .0218954 | .2951666 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1473.875 | 29673.61 | 8372.666 | 827.2053 | 1754.046 |
| #2 | 1478.508 | 29812.66 | 8413.184 | 826.9290 | 1763.609 |
| #3 | 1477.406 | 29780.45 | 8425.006 | 827.2700 | 1755.340 |

Sample Name: CCB024      Acquired: 07/28/2021 17:35:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB024      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001124 | .0029907 | .0002402 | .0049720 | -.000699 | .0092943 | -.001756 |
| Stddev | .007287  | .0023213 | .0001247 | .0055269 | .000620  | .0101534 | .000380  |
| %RSD   | 648.5348 | 77.61736 | 51.92118 | 111.1598 | 88.77934 | 109.2432 | 21.62096 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002143  | .0052476 | .0003564 | .0046282 | -.000014 | .0197236 | -.002189 |
| #2 | -.009472 | .0031145 | .0001084 | .0106629 | -.000858 | -.000559 | -.001481 |
| #3 | .003959  | .0006100 | .0002557 | -.000375 | -.001224 | .008718  | -.001597 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000581 | .0001171 | .0107045 | .0001769 | .0001210 | .0017851 | .0093431 |
| Stddev | .0000636 | .0000647 | .0078862 | .0003802 | .0004547 | .0010784 | .0123643 |
| %RSD   | 109.4169 | 55.23943 | 73.67233 | 214.9127 | 375.9450 | 60.40831 | 132.3370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000253 | .0000625 | .0016663 | .0006143 | .0004100 | .0021391 | -.002820 |
| #2 | .0000177 | .0001885 | .0142610 | -.000075 | .0003560 | .0026420 | .021899  |
| #3 | .0001315 | .0001003 | .0161862 | -.000008 | -.000403 | .0005743 | .008951  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001982 | .0230531 | .0009696 | .0008786 | -.375157 | -.001392 | -.002888 |
| Stddev | .0003167 | .0254286 | .0004959 | .0003315 | .130441  | .000762  | .000315  |
| %RSD   | 159.8060 | 110.3047 | 51.14170 | 37.73186 | 34.76980 | 54.72764 | 10.90854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005590 | .0472556 | .0006362 | .0006144 | -.375635 | -.000514 | -.002582 |
| #2 | .0000695 | -.003446 | .0015394 | .0012505 | -.244477 | -.001781 | -.002871 |
| #3 | -.000034 | .025349  | .0007332 | .0007708 | -.505358 | -.001880 | -.003212 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.178679 | -.003162 | .0075632 | .0013116 | .0016179 | .0002110 | -.002276 |
| Stddev | .076922  | .002789  | .0012331 | .0007332 | .0010505 | .0012142 | .001734  |
| %RSD   | 43.05020 | 88.20681 | 16.30394 | 55.90462 | 64.92703 | 575.5339 | 76.19131 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.168038 | -.001694 | .0083789 | .0017241 | .0004059 | -.001189 | -.002397 |
| #2 | -.107632 | -.006378 | .0081661 | .0004650 | .0022664 | .000840  | -.003946 |
| #3 | -.260367 | -.001413 | .0061447 | .0017456 | .0021814 | .000982  | -.000484 |



Sample Name: CCB024      Acquired: 07/28/2021 17:35:49      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1529)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB024      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008173 | .0074891 | .0000391 |
| Stddev | .0007562 | .0002881 | .0000388 |
| %RSD   | 92.53371 | 3.847105 | 99.17441 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0007882 | .0072295 | .0000802 |
| #2 | .0015876 | .0077991 | .0000341 |
| #3 | .0000760 | .0074388 | .0000031 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1696.737 | 31837.46 | 8733.388 | 961.8809 | 2132.814 |
| Stddev    | 3.501    | 85.48    | 53.912   | 5.2819   | .567     |
| %RSD      | .2063498 | .2684960 | .6173052 | .5491251 | .0265668 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1692.704 | 31910.45 | 8719.292 | 961.3606 | 2133.029 |
| #2 | 1698.512 | 31743.42 | 8687.924 | 956.8784 | 2132.172 |
| #3 | 1698.995 | 31858.51 | 8792.947 | 967.4037 | 2133.242 |