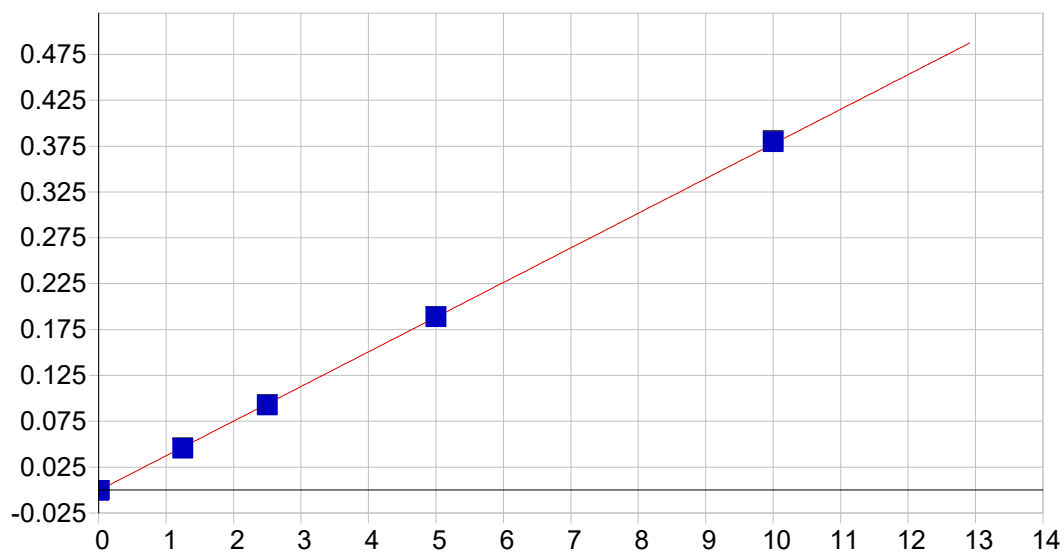


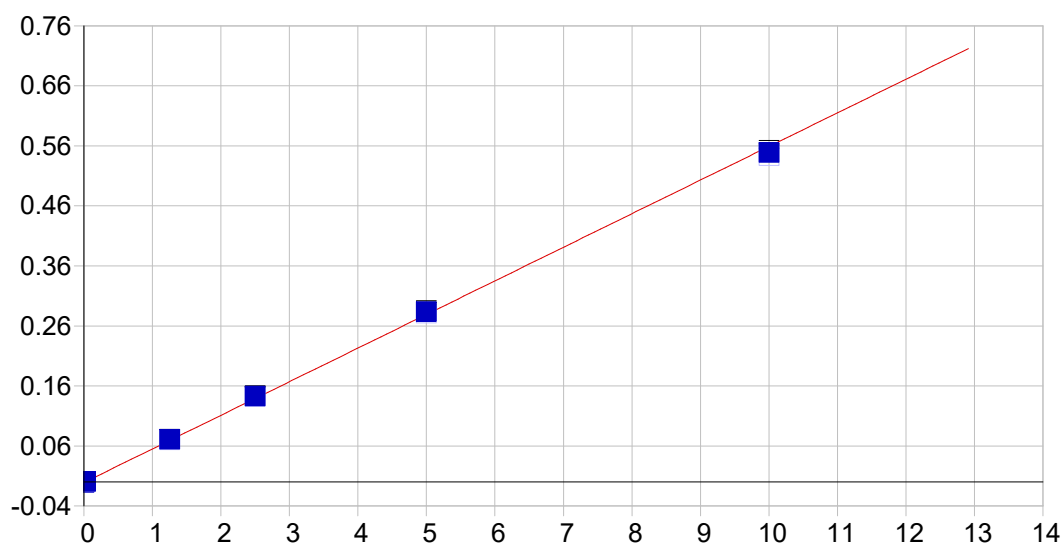


**As 189.042 {479}**

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000422 Re-Slope: 1.000000  
 A1 (Gain): 0.037778 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999946 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.005040  
 Predicted MQL: 0.016801

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00042 | .000    | 1        |
| S1        | .01000       | .01047      | .000       | 4.70    | -.00003 | .000    | 1        |
| S2        | 1.2500       | 1.2135      | -.036      | -2.92   | .04539  | .000    | 1        |
| S3        | 2.5000       | 2.4641      | -.036      | -1.44   | .09260  | .000    | 1        |
| S4        | 5.0000       | 5.0071      | .007       | .142    | .18861  | .000    | 1        |
| S5        | 10.000       | 10.065      | .065       | .648    | .37955  | .001    | 1        |

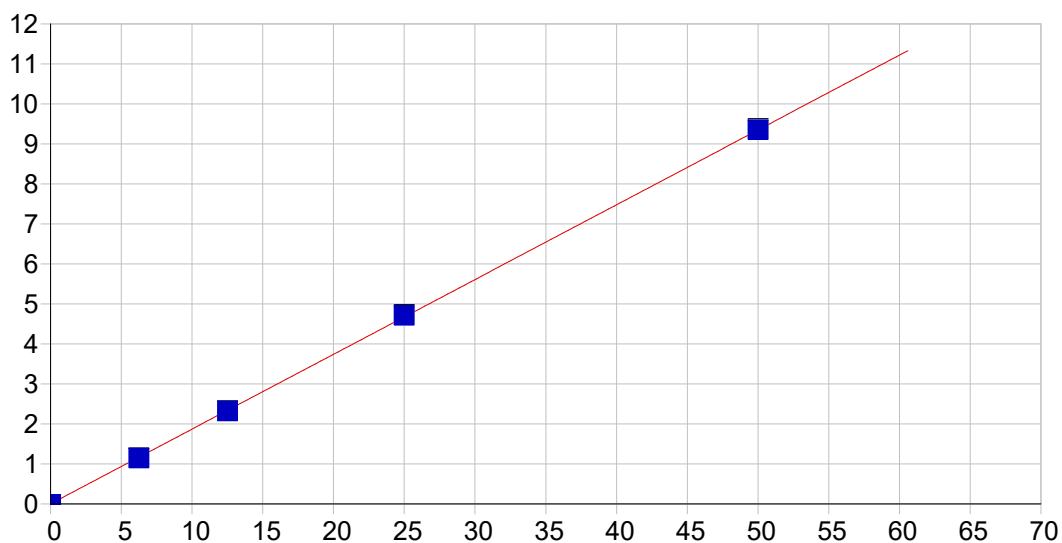


**TI 190.856 {477}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001068 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.056014  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999787  | Status:   | OK.      |
| Std Error of Est: | 0.000030  |           |          |
| Predicted MDL:    | 0.003580  |           |          |
| Predicted MQL:    | 0.011935  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00107 | .000    | 1        |
| S1        | .02500       | .02640      | .001       | 5.58    | .00035  | .000    | 1        |
| S2        | 1.2500       | 1.2819      | .032       | 2.55    | .07010  | .000    | 1        |
| S3        | 2.5000       | 2.5719      | .072       | 2.87    | .14172  | .000    | 1        |
| S4        | 5.0000       | 5.0829      | .083       | 1.66    | .28109  | .002    | 1        |
| S5        | 10.000       | 9.8120      | -.188      | -1.88   | .54344  | .004    | 1        |

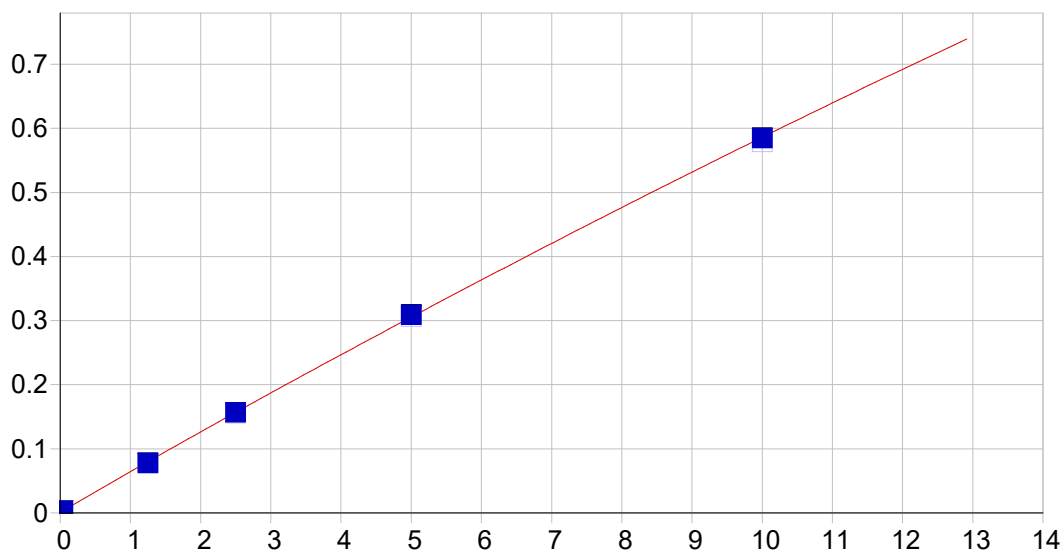


### Pb 220.353 {453}

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000382 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.186961 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999971 | Status:   | OK.      |
| Std Error of Est: | 0.000053 |           |          |
| Predicted MDL:    | 0.002204 |           |          |
| Predicted MQL:    | 0.007347 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .01000       | .01198      | .002       | 19.8    | .00262 | .000    | 1        |
| S2        | 6.2500       | 6.1128      | -.137      | -2.20   | 1.1438 | .002    | 1        |
| S3        | 12.500       | 12.415      | -.085      | -.679   | 2.3226 | .005    | 1        |
| S4        | 25.000       | 25.187      | .187       | .749    | 4.7115 | .015    | 1        |
| S5        | 50.000       | 50.033      | .033       | .066    | 9.3588 | .021    | 1        |

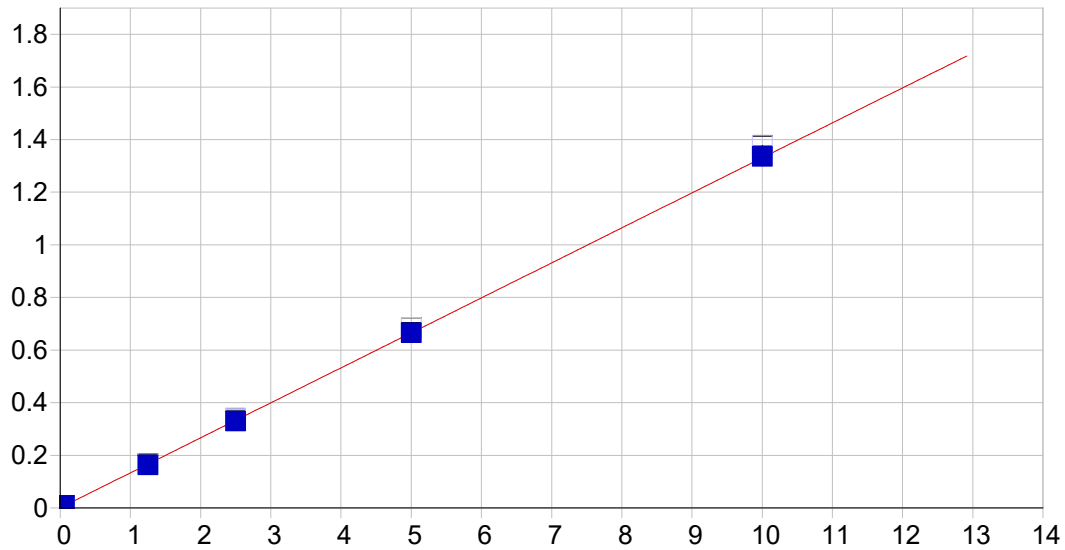


**Se 196.090 {472}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Full Fit      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.000683  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.064092  | Y-int:    | 0.000000 |
| A2 (Curvature):   | -0.000428 |           |          |
| n (Exponent):     | 0.990000  |           |          |
| Correlation:      | 0.999915  | Status:   | OK.      |
| Std Error of Est: | 0.000035  |           |          |
| Predicted MDL:    | 0.003651  |           |          |
| Predicted MQL:    | 0.012170  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00068 | .000    | 1        |
| S1        | .03500       | .04153      | .007       | 18.7    | .00343 | .000    | 1        |
| S2        | 1.2500       | 1.2152      | -.035      | -2.78   | .07704 | .000    | 1        |
| S3        | 2.5000       | 2.4964      | -.004      | -.145   | .15511 | .000    | 1        |
| S4        | 5.0000       | 5.0564      | .056       | 1.13    | .30596 | .000    | 1        |
| S5        | 10.000       | 9.9754      | -.025      | -.246   | .57884 | .000    | 1        |

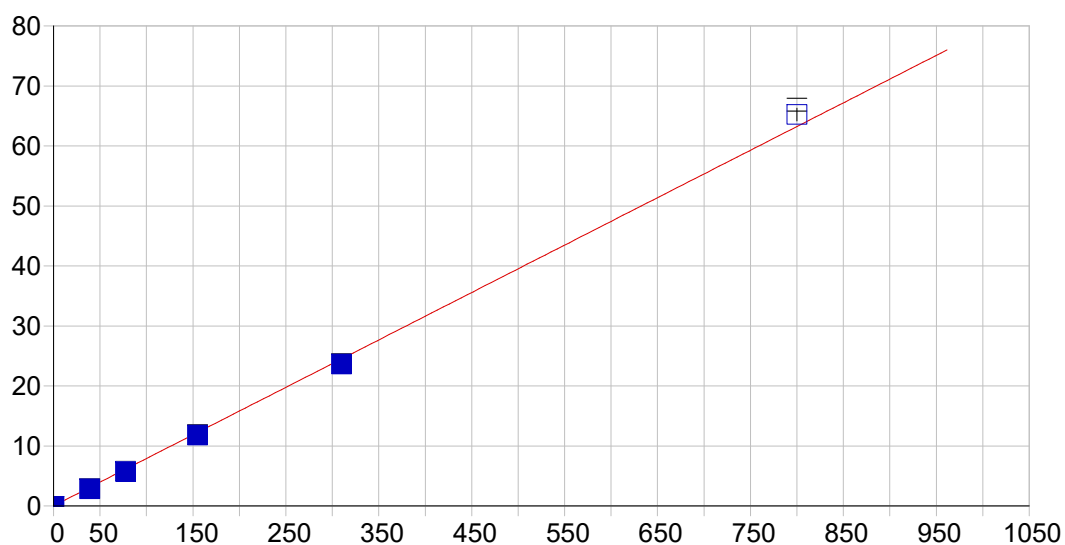


**Sb 206.833 {463}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000288 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.133021 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999934 | Status:   | OK.      |
| Std Error of Est: | 0.000065 |           |          |
| Predicted MDL:    | 0.002212 |           |          |
| Predicted MQL:    | 0.007373 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00029 | .000    | 1        |
| S1        | .06000       | .06985      | .010       | 16.4    | .00958 | .000    | 1        |
| S2        | 1.2500       | 1.2215      | -.029      | -2.28   | .16785 | .001    | 1        |
| S3        | 2.5000       | 2.4777      | -.022      | -.894   | .34002 | .001    | 1        |
| S4        | 5.0000       | 4.9996      | -.000      | -.008   | .68565 | .001    | 1        |
| S5        | 10.000       | 10.042      | .042       | .417    | 1.3767 | .002    | 1        |

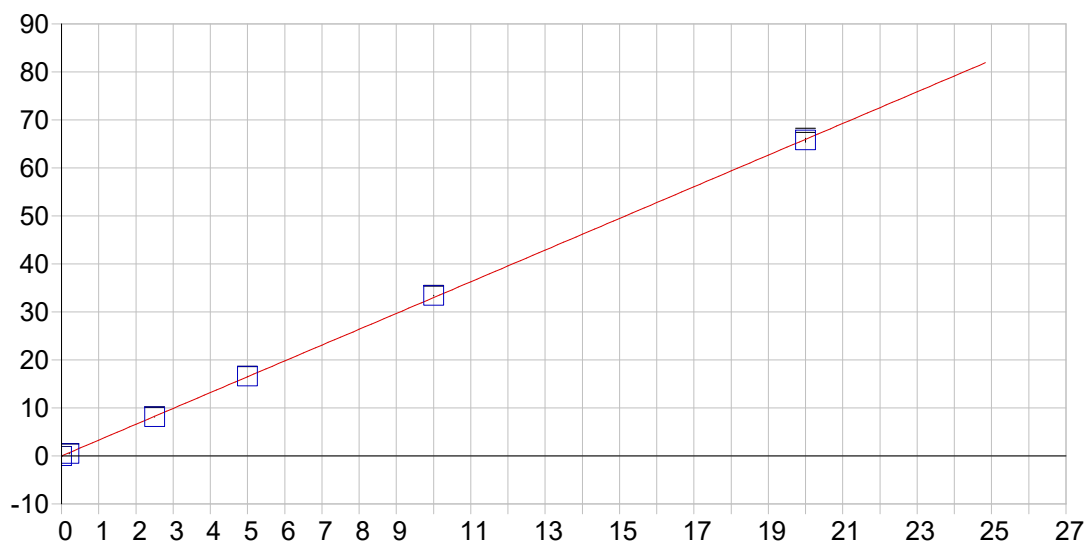


AI 396.152 { 85}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002922 Re-Slope: 1.000000  
 A1 (Gain): 0.079032 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999267 Status: OK.  
 Std Error of Est: 0.001884  
 Predicted MDL: 0.009264  
 Predicted MQL: 0.030881

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00292 | .000    | 1        |
| S1        | .20000       | .22667      | .027       | 13.3    | .02086 | .001    | 1        |
| S2        | 38.750       | 35.896      | -2.85      | -7.36   | 2.8431 | .005    | 1        |
| S3        | 77.500       | 72.301      | -5.20      | -6.71   | 5.7234 | .037    | 1        |
| S4        | 155.00       | 148.89      | -6.11      | -3.94   | 11.783 | .068    | 1        |
| S5        | 310.00       | 298.67      | -11.3      | -3.66   | 23.633 | .053    | 1        |
| S6        | 800.00       | 825.50      | 25.5       | 3.19    | 65.244 | 1.07    | 1        |

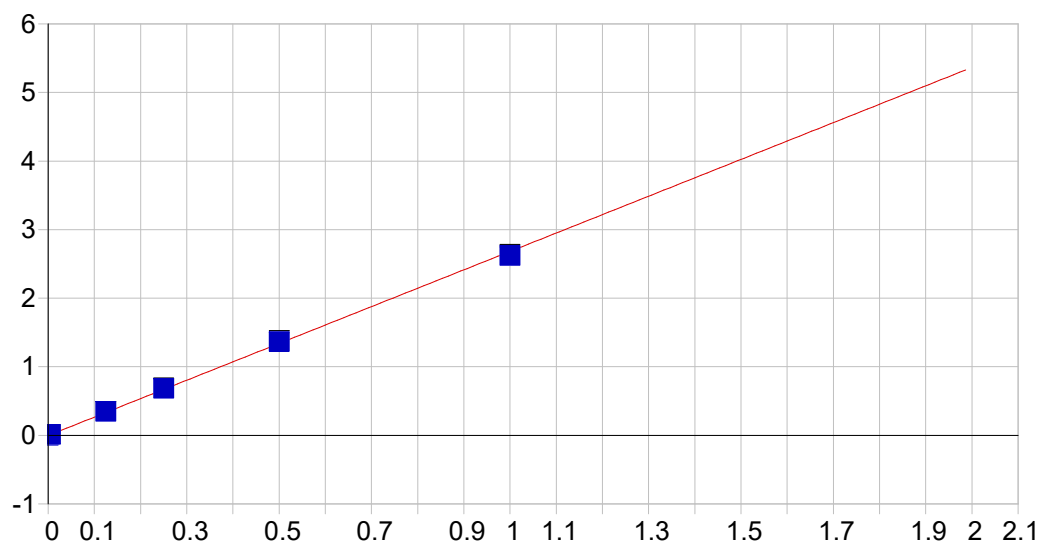


**Ba 493.409 { 68}**

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006873 Re-Slope: 1.000000  
 A1 (Gain): 3.298654 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999818 Status: OK.  
 Std Error of Est: 0.006691  
 Predicted MDL: 0.000732  
 Predicted MQL: 0.002439

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00005      | .000       | .000    | -.00671 | .002    | 1        |
| S1        | .20000       | .15255      | -.047      | -23.7   | .49634  | .002    | 1        |
| S2        | 2.5000       | 2.4596      | -.040      | -1.62   | 8.1064  | .011    | 1        |
| S3        | 5.0000       | 5.0250      | .025       | .500    | 16.569  | .041    | 1        |
| S4        | 10.000       | 10.123      | .123       | 1.23    | 33.384  | .077    | 1        |
| S5        | 20.000       | 19.940      | -.060      | -.299   | 65.769  | .427    | 1        |



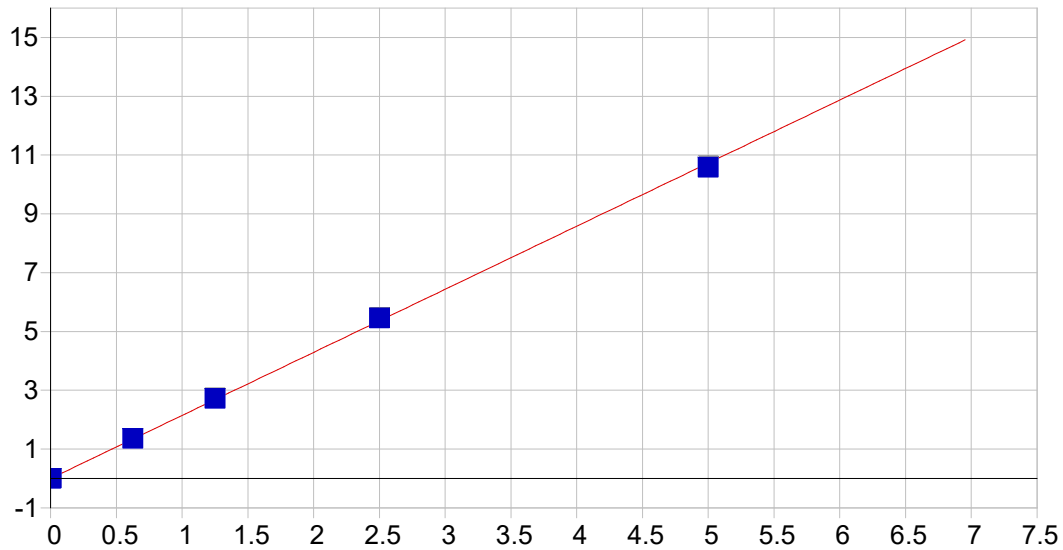
**Be 234.861 {144}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002194 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.684152  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999637  | Status:   | OK.      |
| Std Error of Est: | 0.000271  |           |          |
| Predicted MDL:    | 0.000105  |           |          |
| Predicted MQL:    | 0.000349  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00220 | .000    | 1        |
| S1        | .00500       | .00629      | .001       | 25.9    | .01469  | .000    | 1        |
| S2        | .12500       | .12987      | .005       | 3.90    | .34554  | .001    | 1        |
| S3        | .25000       | .25576      | .006       | 2.31    | .68258  | .007    | 1        |
| S4        | .50000       | .51024      | .010       | 2.05    | 1.3639  | .014    | 1        |
| S5        | 1.0000       | .97783      | -.022      | -2.22   | 2.6155  | .016    | 1        |



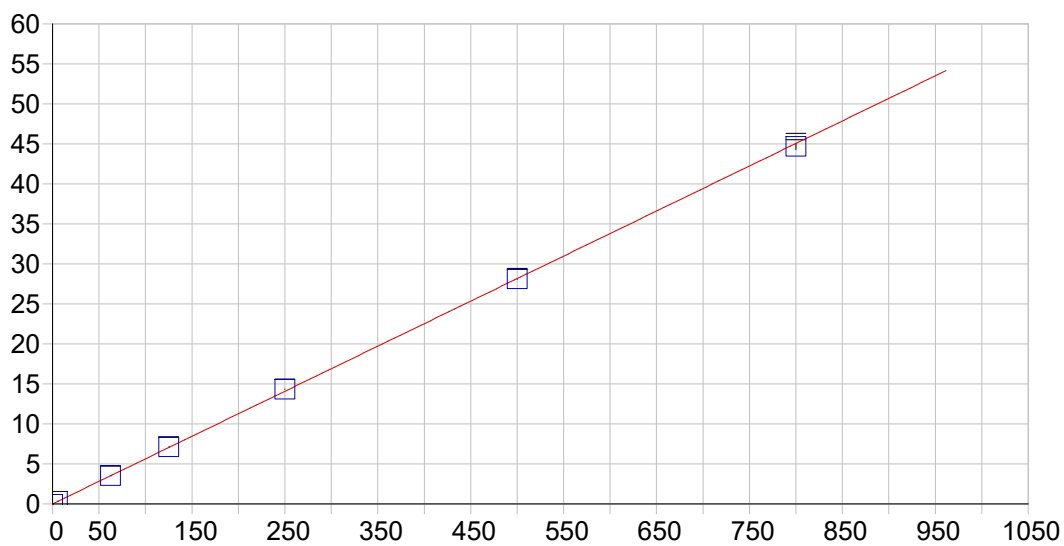


**Cd 214.438 {457}**

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000334 Re-Slope: 1.000000  
 A1 (Gain): 2.145556 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999887 Status: OK.  
 Std Error of Est: 0.000271  
 Predicted MDL: 0.000133  
 Predicted MQL: 0.000444

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00034 | .000    | 1        |
| S1        | .00500       | .00616      | .001       | 23.2    | .01289  | .000    | 1        |
| S2        | .62500       | .63269      | .008       | 1.23    | 1.3598  | .005    | 1        |
| S3        | 1.2500       | 1.2670      | .017       | 1.36    | 2.7235  | .007    | 1        |
| S4        | 2.5000       | 2.5403      | .040       | 1.61    | 5.4607  | .020    | 1        |
| S5        | 5.0000       | 4.9337      | -.066      | -1.33   | 10.606  | .013    | 1        |

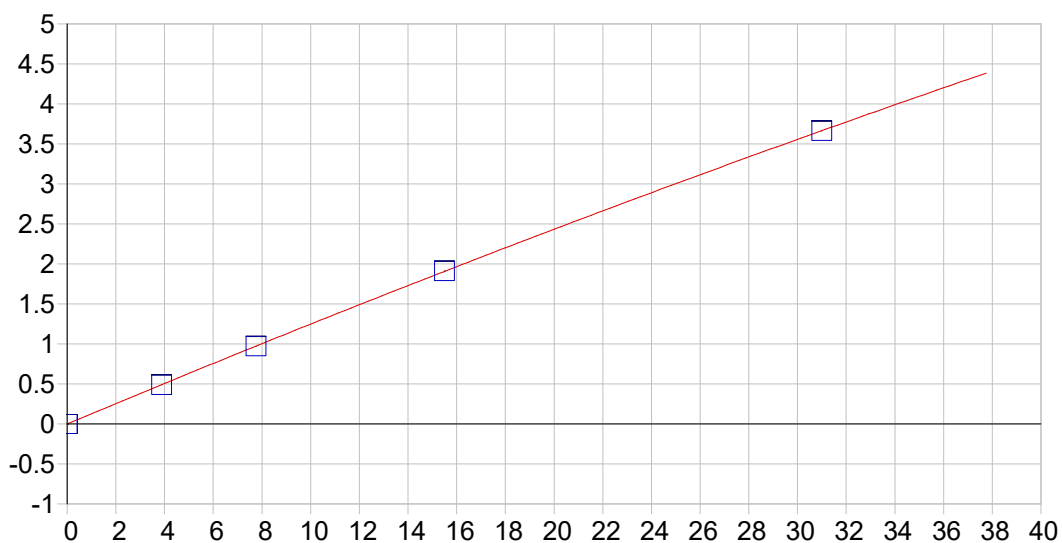


Ca 373.690 { 90}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001874 Re-Slope: 1.000000  
 A1 (Gain): 0.056319 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999911 Status: OK.  
 Std Error of Est: 0.002623  
 Predicted MDL: 0.011824  
 Predicted MQL: 0.039413

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00099     | -.001      | .000    | .00182 | .000    | 1        |
| S1        | 5.0000       | 5.8743      | .874       | 17.5    | .33271 | .001    | 1        |
| S2        | 62.500       | 62.634      | .134       | .215    | 3.5294 | .005    | 1        |
| S3        | 125.00       | 126.60      | 1.60       | 1.28    | 7.1320 | .006    | 1        |
| S4        | 250.00       | 254.48      | 4.48       | 1.79    | 14.334 | .025    | 1        |
| S5        | 500.00       | 499.59      | -.411      | -.082   | 28.138 | .046    | 1        |
| S6        | 800.00       | 793.32      | -6.68      | -.835   | 44.681 | .416    | 1        |

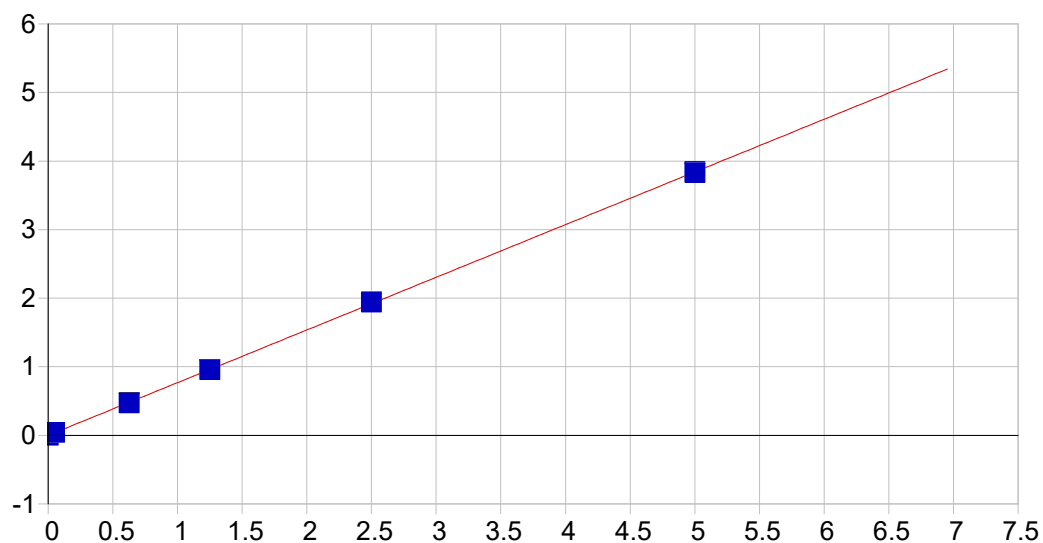


### Cr 267.716 {126}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000093 Re-Slope: 1.000000  
 A1 (Gain): 0.127886 Y-int: 0.000000  
 A2 (Curvature): -0.000311  
 n (Exponent): 1.000000  
 Correlation: 0.999993 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.000688  
 Predicted MQL: 0.002294

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .01000       | .01248      | .002       | 24.8    | .00150  | .000    | 1        |
| S2        | 3.8750       | 3.8673      | -.008      | -.200   | .48983  | .001    | 1        |
| S3        | 7.7500       | 7.7319      | -.018      | -.234   | .97013  | .001    | 1        |
| S4        | 15.500       | 15.537      | .037       | .241    | 1.9119  | .001    | 1        |
| S5        | 31.000       | 30.986      | -.014      | -.045   | 3.6642  | .003    | 1        |

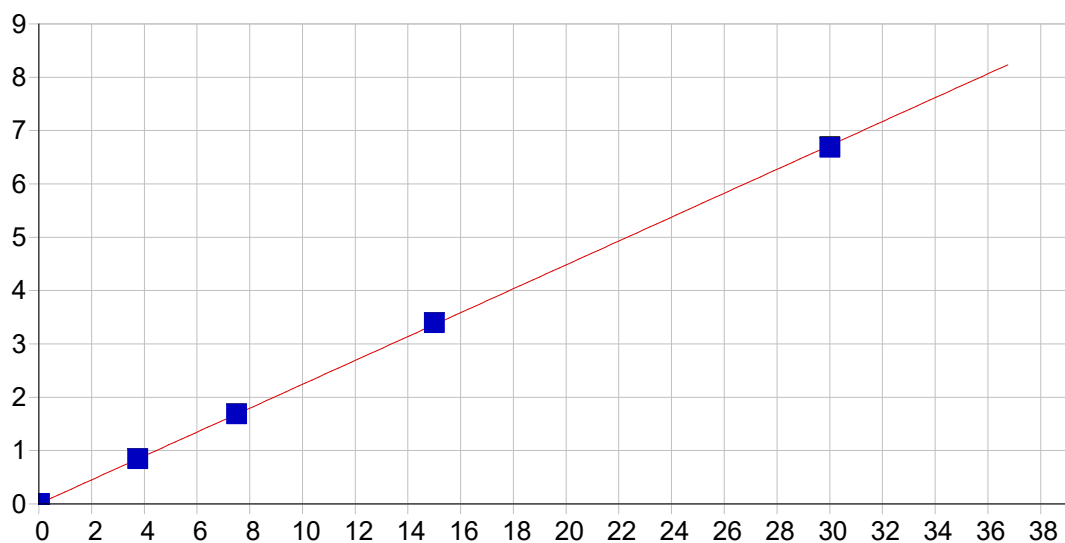


Co 228.616 {448}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000168 Re-Slope: 1.000000  
 A1 (Gain): 0.768159 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999939 Status: OK.  
 Std Error of Est: 0.000226  
 Predicted MDL: 0.000369  
 Predicted MQL: 0.001229

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .05000       | .05551      | .006       | 11.0    | .04294 | .000    | 1        |
| S2        | .62500       | .61345      | -.012      | -1.85   | .47211 | .001    | 1        |
| S3        | 1.2500       | 1.2442      | -.006      | -.467   | .95732 | .003    | 1        |
| S4        | 2.5000       | 2.5260      | .026       | 1.04    | 1.9434 | .003    | 1        |
| S5        | 5.0000       | 4.9859      | -.014      | -.282   | 3.8359 | .010    | 1        |

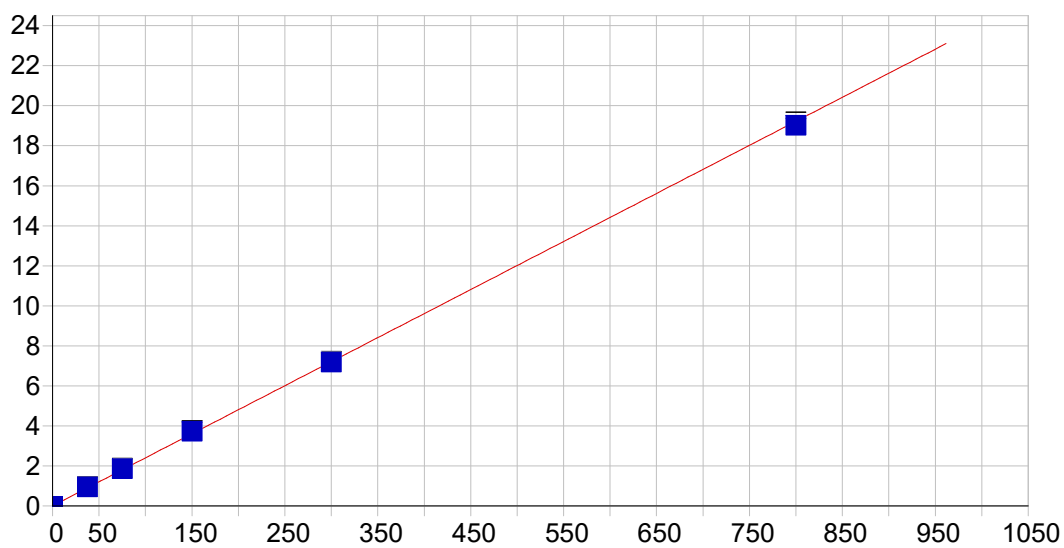


**Cu 324.754 {104}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002721 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.223942 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999977 | Status:   | OK.      |
| Std Error of Est: | 0.000069 |           |          |
| Predicted MDL:    | 0.002089 |           |          |
| Predicted MQL:    | 0.006962 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00272 | .000    | 1        |
| S1        | .02500       | .02755      | .003       | 10.2    | .00888 | .000    | 1        |
| S2        | 3.7500       | 3.7554      | .005       | .145    | .84258 | .000    | 1        |
| S3        | 7.5000       | 7.5105      | .010       | .139    | 1.6824 | .004    | 1        |
| S4        | 15.000       | 15.144      | .144       | .958    | 3.3895 | .006    | 1        |
| S5        | 30.000       | 29.838      | -.162      | -.541   | 6.6756 | .012    | 1        |

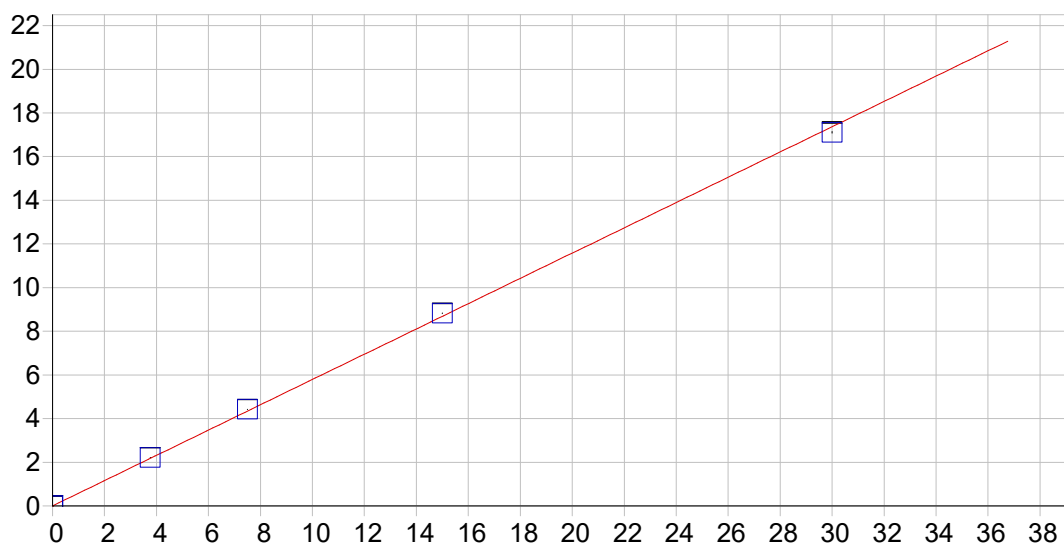


### Fe 259.837 {130}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000627 Re-Slope: 1.000000  
 A1 (Gain): 0.024024 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999846 Status: OK.  
 Std Error of Est: 0.000184  
 Predicted MDL: 0.008854  
 Predicted MQL: 0.029513

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00063 | .000    | 1        |
| S1        | .10000       | .12379      | .024       | 23.8    | .00361 | .000    | 1        |
| S2        | 37.500       | 39.308      | 1.81       | 4.82    | .94604 | .002    | 1        |
| S3        | 75.000       | 77.177      | 2.18       | 2.90    | 1.8569 | .024    | 1        |
| S4        | 150.00       | 155.15      | 5.15       | 3.43    | 3.7322 | .034    | 1        |
| S5        | 300.00       | 299.07      | -.928      | -.309   | 7.1942 | .032    | 1        |
| S6        | 800.00       | 791.77      | -8.23      | -1.03   | 19.036 | .158    | 1        |

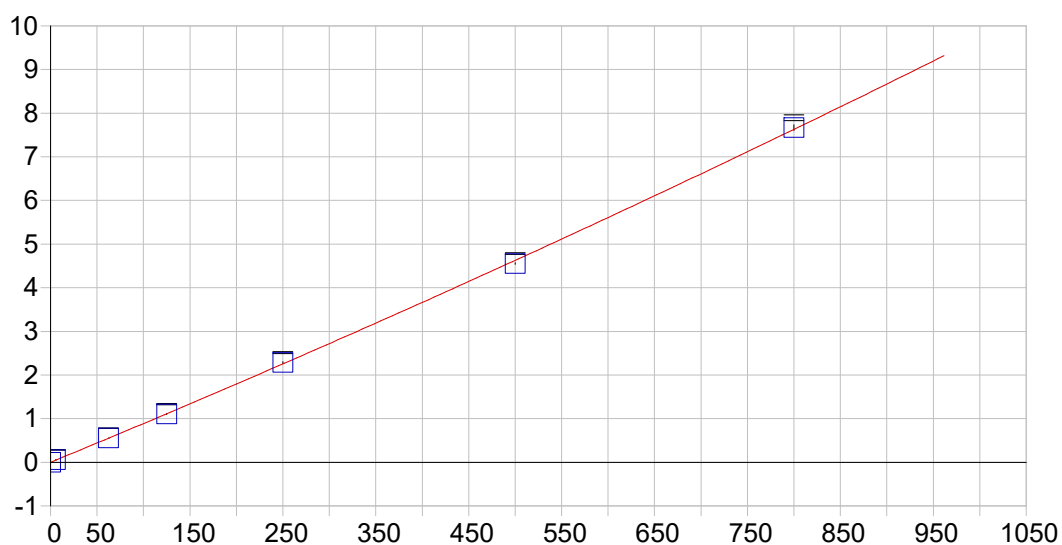


### Mn 257.610 {131}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000565 Re-Slope: 1.000000  
 A1 (Gain): 0.579001 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999864 Status: OK.  
 Std Error of Est: 0.000339  
 Predicted MDL: 0.000416  
 Predicted MQL: 0.001386

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00056 | .000    | 1        |
| S1        | .01500       | .01872      | .004       | 24.8    | .01141 | .000    | 1        |
| S2        | 3.7500       | 3.8245      | .074       | 1.99    | 2.2149 | .005    | 1        |
| S3        | 7.5000       | 7.6378      | .138       | 1.84    | 4.4228 | .008    | 1        |
| S4        | 15.000       | 15.233      | .233       | 1.55    | 8.8205 | .017    | 1        |
| S5        | 30.000       | 29.551      | -.449      | -1.50   | 17.111 | .032    | 1        |



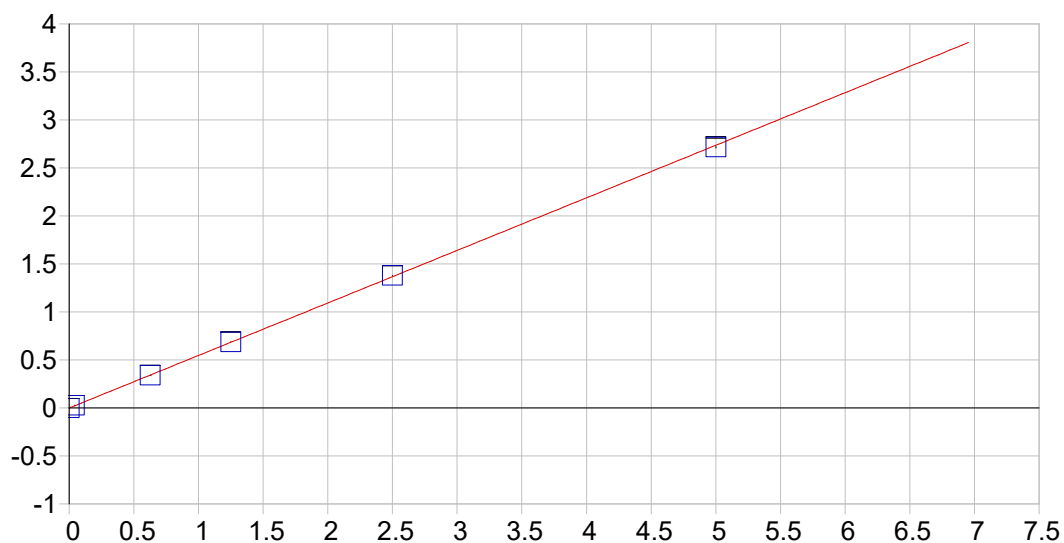
### Mg 279.079 {121}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000  
 A1 (Gain): 0.008782 Y-int: 0.000000  
 A2 (Curvature): 0.000001  
 n (Exponent): 1.000000  
 Correlation: 0.999873 Status: Warning Positive Curvature  
 Std Error of Est: 0.000578  
 Predicted MDL: 0.028648  
 Predicted MQL: 0.095494

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00118     | -.001      | .000    | -.00005 | .000    | 1        |
| S1        | 5.0000       | 6.1866      | 1.19       | 23.7    | .05432  | .000    | 1        |
| S2        | 62.500       | 62.567      | .067       | .107    | .55309  | .002    | 1        |
| S3        | 125.00       | 124.34      | -.655      | -.524   | 1.1065  | .015    | 1        |
| S4        | 250.00       | 253.36      | 3.36       | 1.35    | 2.2855  | .023    | 1        |
| S5        | 500.00       | 492.50      | -7.50      | -1.50   | 4.5539  | .017    | 1        |
| S6        | 800.00       | 803.56      | 3.56       | .445    | 7.6661  | .067    | 1        |



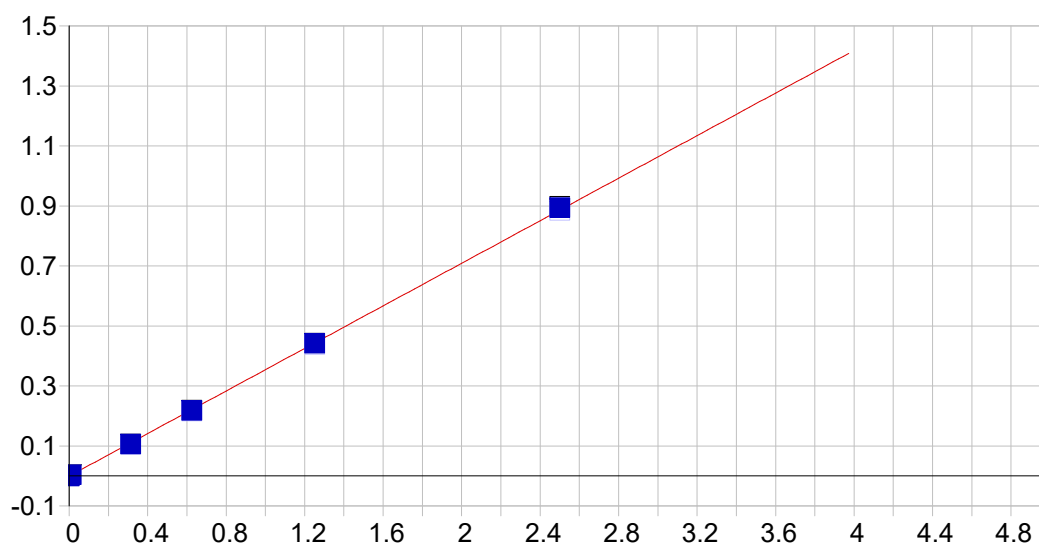


**Ni 231.604 {446}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.001336 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.547415  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999865  | Status:   | OK.      |
| Std Error of Est: | 0.000214  |           |          |
| Predicted MDL:    | 0.000597  |           |          |
| Predicted MQL:    | 0.001990  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00134 | .000    | 1        |
| S1        | .04000       | .04903      | .009       | 22.6    | .02550  | .000    | 1        |
| S2        | .62500       | .62364      | -.001      | -.218   | .34005  | .002    | 1        |
| S3        | 1.2500       | 1.2572      | .007       | .573    | .68685  | .002    | 1        |
| S4        | 2.5000       | 2.5220      | .022       | .880    | 1.3793  | .002    | 1        |
| S5        | 5.0000       | 4.9632      | -.037      | -.737   | 2.7156  | .008    | 1        |

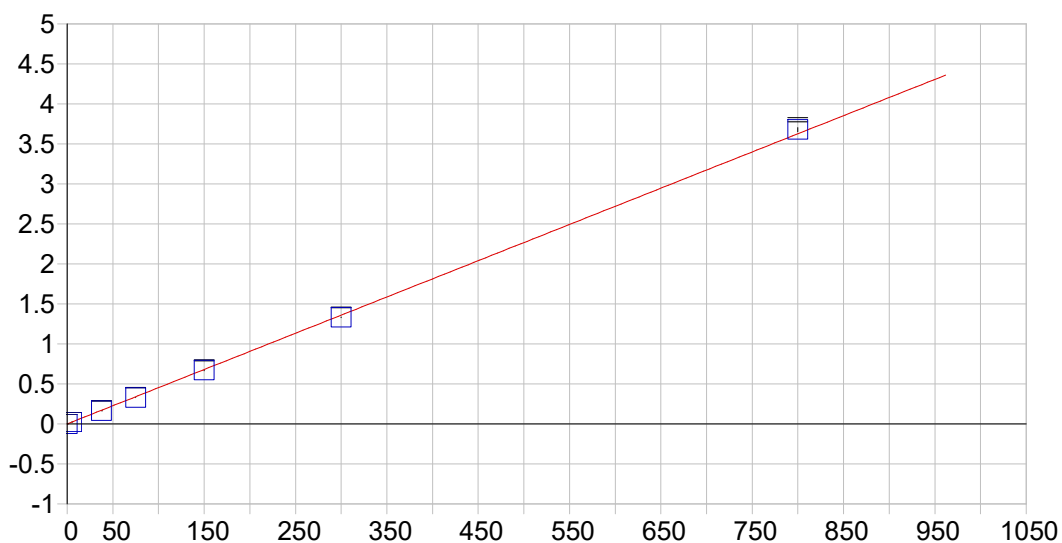


**Ag 328.068 {103}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000648 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.354659  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999902  | Status:   | OK.      |
| Std Error of Est: | 0.000041  |           |          |
| Predicted MDL:    | 0.000461  |           |          |
| Predicted MQL:    | 0.001537  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00065 | .000    | 1        |
| S1        | .01000       | .01051      | .001       | 5.10    | .00306  | .000    | 1        |
| S2        | .31250       | .29977      | -.013      | -4.07   | .10449  | .000    | 1        |
| S3        | .62500       | .61566      | -.009      | -1.49   | .21534  | .001    | 1        |
| S4        | 1.2500       | 1.2485      | -.002      | -.123   | .43742  | .000    | 1        |
| S5        | 2.5000       | 2.5231      | .023       | .924    | .88476  | .004    | 1        |

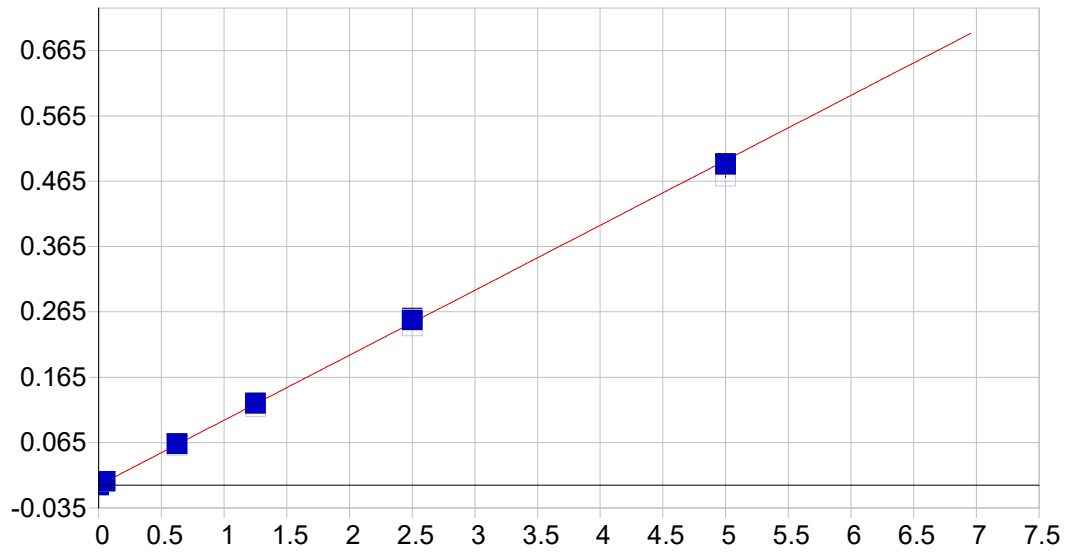


**Na 818.326 { 41}**

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.004533 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999826 Status: OK.  
 Std Error of Est: 0.000261  
 Predicted MDL: 0.272118  
 Predicted MQL: 0.907059

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | -.00003 | .001    | 1        |
| S1        | 5.0000       | 5.4156      | .416       | 8.31    | .02452  | .001    | 1        |
| S2        | 37.500       | 36.154      | -1.35      | -3.59   | .16386  | .001    | 1        |
| S3        | 75.000       | 72.600      | -2.40      | -3.20   | .32908  | .003    | 1        |
| S4        | 150.00       | 148.01      | -1.99      | -1.32   | .67096  | .005    | 1        |
| S5        | 300.00       | 293.86      | -6.14      | -2.05   | 1.3321  | .003    | 1        |
| S6        | 800.00       | 811.46      | 11.5       | 1.43    | 3.6786  | .025    | 1        |

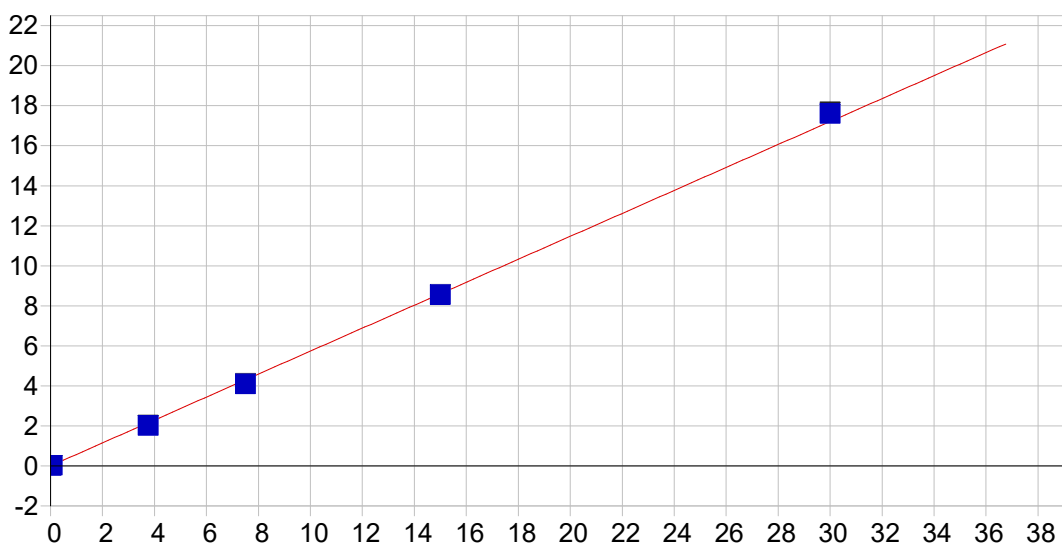


**V 292.402 {115}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000229 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.099437  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999783  | Status:   | OK.      |
| Std Error of Est: | 0.000053  |           |          |
| Predicted MDL:    | 0.003052  |           |          |
| Predicted MQL:    | 0.010174  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .05000       | .06038      | .010       | 20.8    | .00576  | .000    | 1        |
| S2        | .62500       | .63407      | .009       | 1.45    | .06053  | .000    | 1        |
| S3        | 1.2500       | 1.2546      | .005       | .368    | .11995  | .001    | 1        |
| S4        | 2.5000       | 2.5405      | .040       | 1.62    | .24324  | .003    | 1        |
| S5        | 5.0000       | 4.9351      | -.065      | -1.30   | .47221  | .001    | 1        |

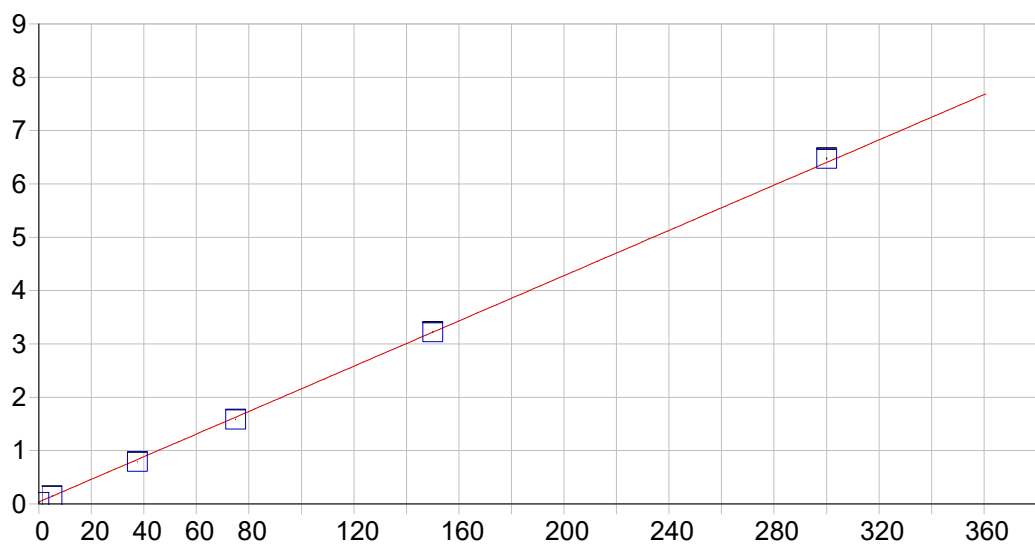


### Zn 213.856 {158}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000250 Re-Slope: 1.000000  
 A1 (Gain): 0.573628 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999555 Status: OK.  
 Std Error of Est: 0.001219  
 Predicted MDL: 0.001674  
 Predicted MQL: 0.005580

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00025 | .001    | 1        |
| S1        | .06000       | .06389      | .004       | 6.48    | .03651  | .001    | 1        |
| S2        | 3.7500       | 3.5217      | -.228      | -6.09   | 2.0216  | .004    | 1        |
| S3        | 7.5000       | 7.1220      | -.378      | -5.04   | 4.0885  | .031    | 1        |
| S4        | 15.000       | 14.901      | -.099      | -.660   | 8.5541  | .018    | 1        |
| S5        | 30.000       | 30.701      | .701       | 2.34    | 17.624  | .058    | 1        |

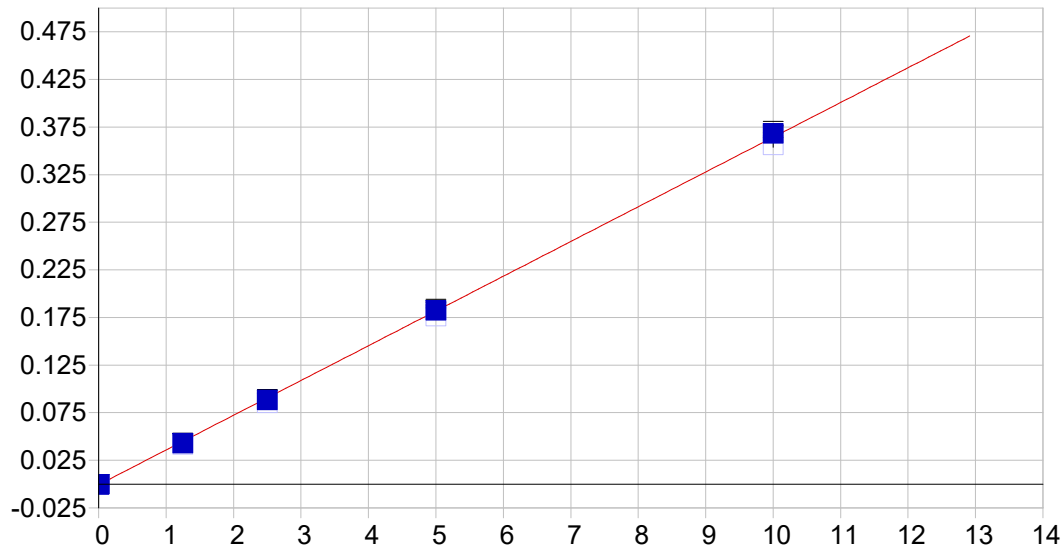


**K 769.896 { 44}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.036650 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.021215 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999795 | Status:   | OK.      |
| Std Error of Est: | 0.000885 |           |          |
| Predicted MDL:    | 0.084273 |           |          |
| Predicted MQL:    | 0.280910 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .03665 | .001    | 1        |
| S1        | 5.0000       | 5.3787      | .379       | 7.57    | .15076 | .001    | 1        |
| S2        | 37.500       | 35.553      | -1.95      | -5.19   | .79092 | .002    | 1        |
| S3        | 75.000       | 72.856      | -2.14      | -2.86   | 1.5823 | .006    | 1        |
| S4        | 150.00       | 150.20      | .198       | .132    | 3.2231 | .011    | 1        |
| S5        | 300.00       | 303.51      | 3.51       | 1.17    | 6.4758 | .016    | 1        |

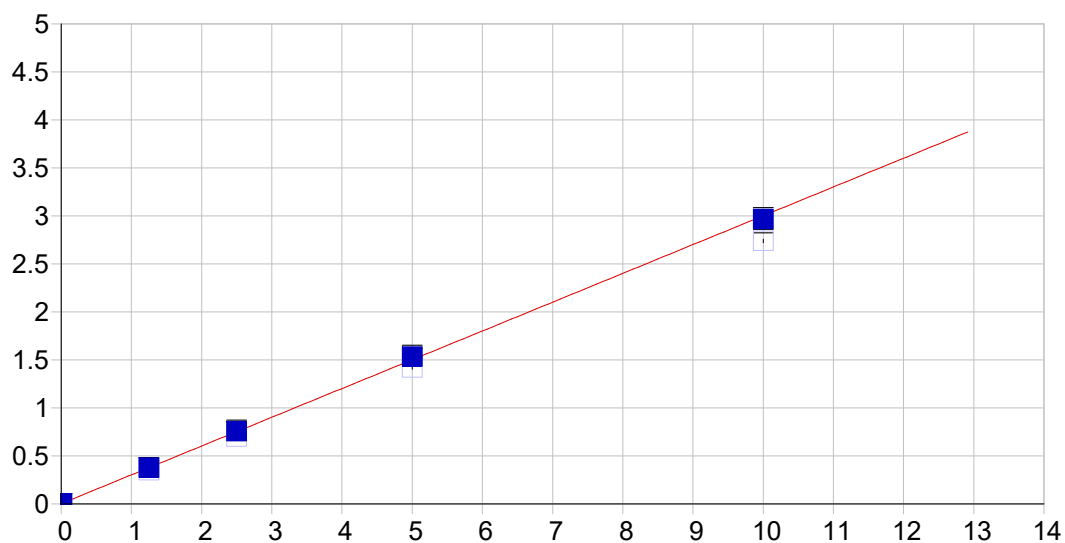


P 177.495 {490}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000670 Re-Slope: 1.000000  
 A1 (Gain): 0.036500 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999854 Status: OK.  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.004157  
 Predicted MQL: 0.013856

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00067 | .000    | 1        |
| S1        | .01000       | .01084      | .001       | 8.42    | -.00028 | .000    | 1        |
| S2        | 1.2500       | 1.1937      | -.056      | -4.50   | .04139  | .000    | 1        |
| S3        | 2.5000       | 2.4404      | -.060      | -2.38   | .08539  | .001    | 1        |
| S4        | 5.0000       | 5.0110      | .011       | .221    | .17620  | .002    | 1        |
| S5        | 10.000       | 10.104      | .104       | 1.04    | .35605  | .002    | 1        |



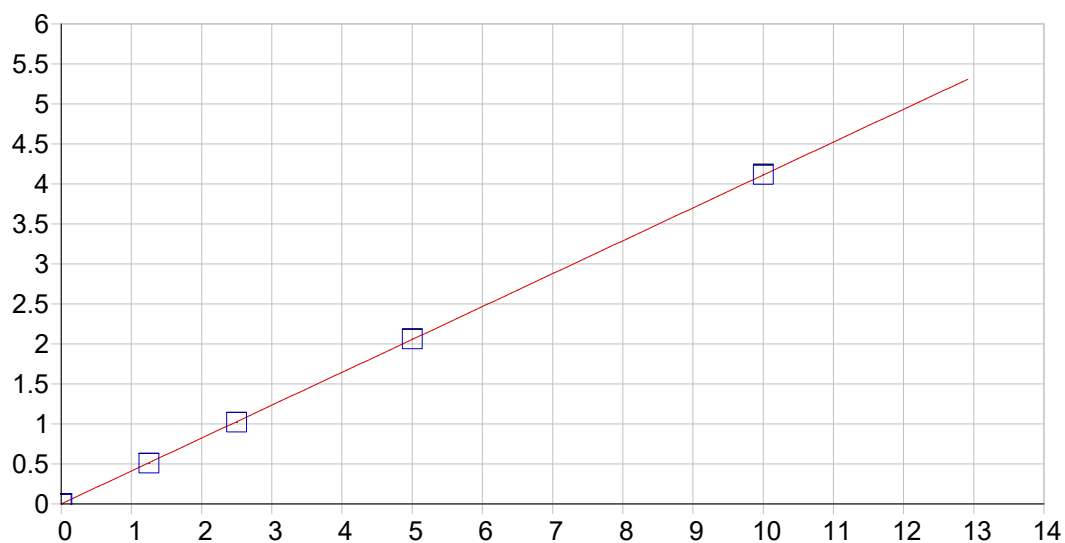
**B 249.678 {135}**

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002781 Re-Slope: 1.000000  
 A1 (Gain): 0.299811 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999869 Status: OK.  
 Std Error of Est: 0.000075  
 Predicted MDL: 0.001160  
 Predicted MQL: 0.003866

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00278 | .000    | 1        |
| S1        | .01000       | .00802      | -.002      | -19.8   | .00514 | .000    | 1        |
| S2        | 1.2500       | 1.2480      | -.002      | -.161   | .34862 | .002    | 1        |
| S3        | 2.5000       | 2.5165      | .017       | .661    | .70063 | .011    | 1        |
| S4        | 5.0000       | 5.1067      | .107       | 2.13    | 1.4206 | .017    | 1        |
| S5        | 10.000       | 9.8809      | -.119      | -1.19   | 2.7386 | .019    | 1        |



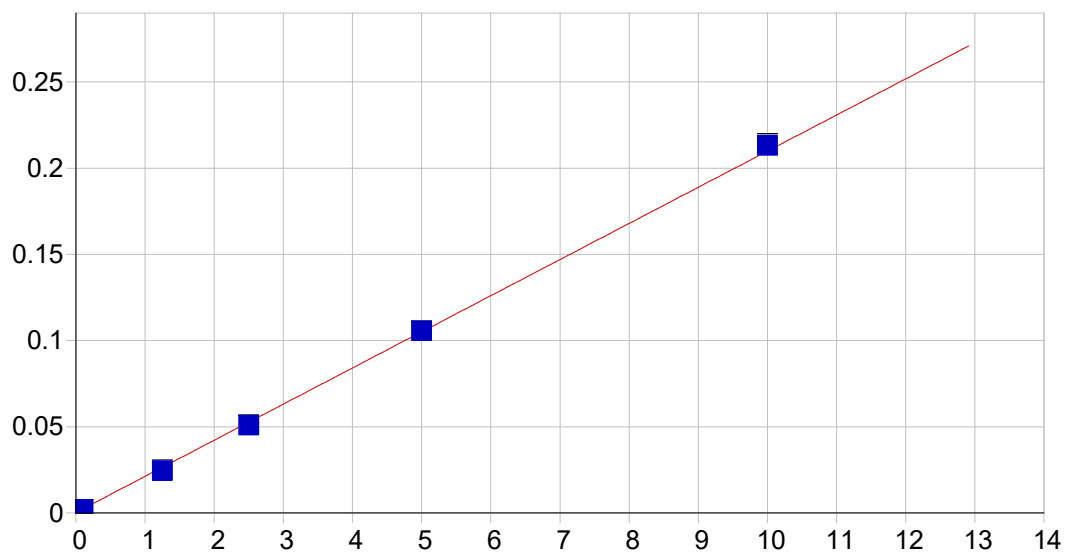


Mo 202.030 {467}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000  
 A1 (Gain): 0.411057 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999977 Status: OK.  
 Std Error of Est: 0.000047  
 Predicted MDL: 0.000559  
 Predicted MQL: 0.001863

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00046 | .000    | 1        |
| S1        | .01000       | .01224      | .002       | 22.4    | .00549 | .000    | 1        |
| S2        | 1.2500       | 1.2358      | -.014      | -1.14   | .50845 | .001    | 1        |
| S3        | 2.5000       | 2.4822      | -.018      | -.713   | 1.0208 | .001    | 1        |
| S4        | 5.0000       | 5.0136      | .014       | .272    | 2.0613 | .002    | 1        |
| S5        | 10.000       | 10.016      | .016       | .162    | 4.1177 | .007    | 1        |

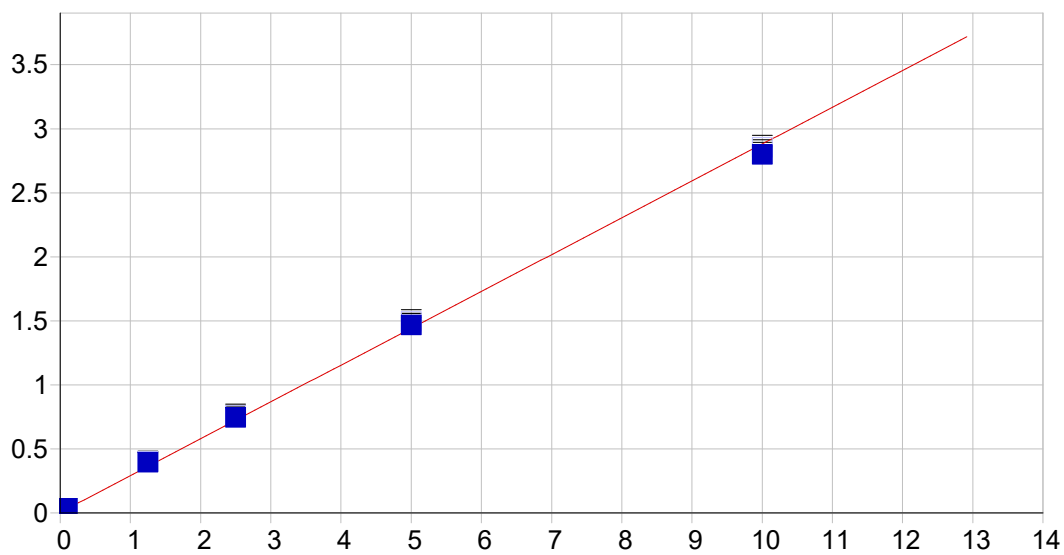


**S 182.034 {485}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000248 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.020962 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999654 | Status:   | OK.      |
| Std Error of Est: | 0.000029 |           |          |
| Predicted MDL:    | 0.006801 |           |          |
| Predicted MQL:    | 0.022670 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00025 | .000    | 1        |
| S1        | .10000       | .09030      | -.010      | -9.70   | .00214 | .000    | 1        |
| S2        | 1.2500       | 1.1594      | -.091      | -7.24   | .02455 | .000    | 1        |
| S3        | 2.5000       | 2.4152      | -.085      | -3.39   | .05087 | .000    | 1        |
| S4        | 5.0000       | 5.0254      | .025       | .508    | .10558 | .000    | 1        |
| S5        | 10.000       | 10.160      | .160       | 1.60    | .21319 | .001    | 1        |

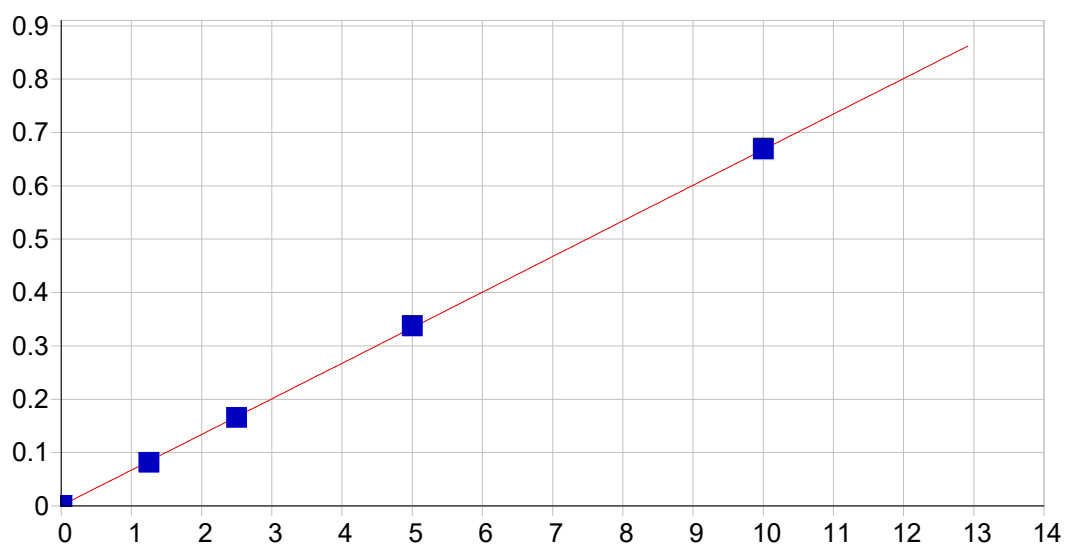


### Si 251.611 {134}

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003946 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.287600 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999423 | Status:   | OK.      |
| Std Error of Est: | 0.000529 |           |          |
| Predicted MDL:    | 0.001260 |           |          |
| Predicted MQL:    | 0.004199 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00394 | .000    | 1        |
| S1        | .10000       | .11201      | .012       | 12.0    | .03648 | .001    | 1        |
| S2        | 1.2500       | 1.3570      | .107       | 8.56    | .40122 | .003    | 1        |
| S3        | 2.5000       | 2.5793      | .079       | 3.17    | .75977 | .011    | 1        |
| S4        | 5.0000       | 5.0855      | .085       | 1.71    | 1.4946 | .016    | 1        |
| S5        | 10.000       | 9.7164      | -.284      | -2.84   | 2.8545 | .017    | 1        |

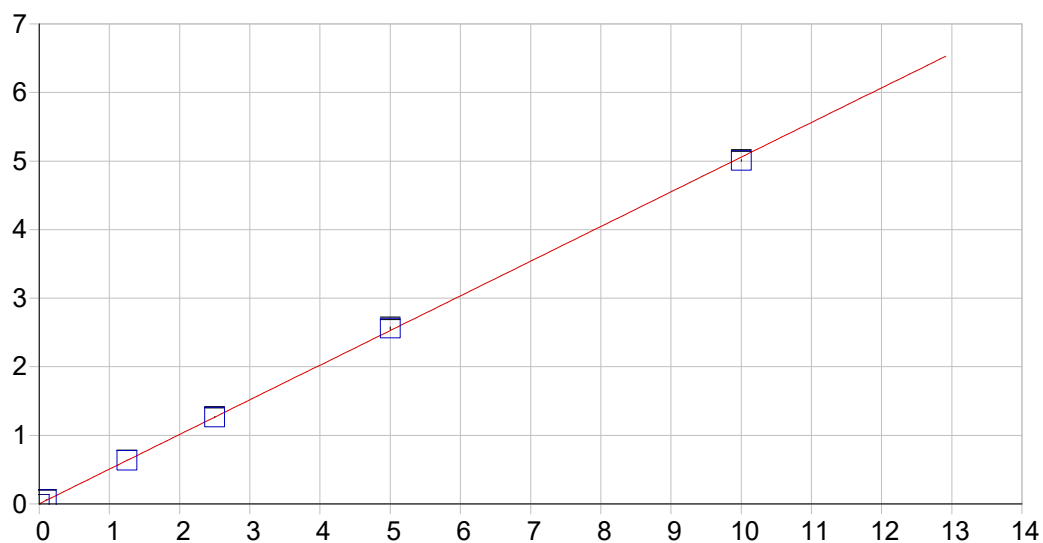


**Sn 189.989 {478}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000407 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.066726 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999950 | Status:   | OK.      |
| Std Error of Est: | 0.000009 |           |          |
| Predicted MDL:    | 0.002063 |           |          |
| Predicted MQL:    | 0.006878 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00041 | .000    | 1        |
| S1        | .00700       | .00651      | -.000      | -6.95   | .00083 | .000    | 1        |
| S2        | 1.2500       | 1.2128      | -.037      | -2.98   | .08110 | .000    | 1        |
| S3        | 2.5000       | 2.4742      | -.026      | -1.03   | .16505 | .000    | 1        |
| S4        | 5.0000       | 5.0465      | .047       | .931    | .33623 | .001    | 1        |
| S5        | 10.000       | 10.017      | .017       | .169    | .66698 | .002    | 1        |

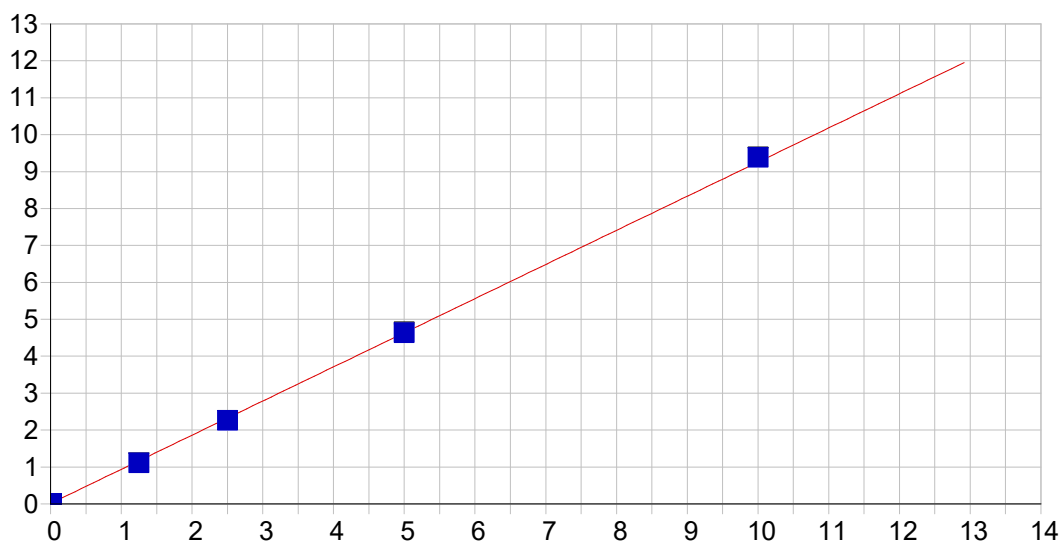


**Ti 336.121 {100}**

Date of Fit: 07/01/2021 18:13:49      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001151 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.505497 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999863 | Status:   | OK.      |
| Std Error of Est: | 0.000444 |           |          |
| Predicted MDL:    | 0.001034 |           |          |
| Predicted MQL:    | 0.003445 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00114 | .001    | 1        |
| S1        | .10000       | .11835      | .018       | 18.3    | .06098 | .000    | 1        |
| S2        | 1.2500       | 1.2572      | .007       | .576    | .63666 | .002    | 1        |
| S3        | 2.5000       | 2.5003      | .000       | .011    | 1.2650 | .008    | 1        |
| S4        | 5.0000       | 5.0665      | .066       | 1.33    | 2.5622 | .020    | 1        |
| S5        | 10.000       | 9.9077      | -.092      | -.923   | 5.0095 | .012    | 1        |

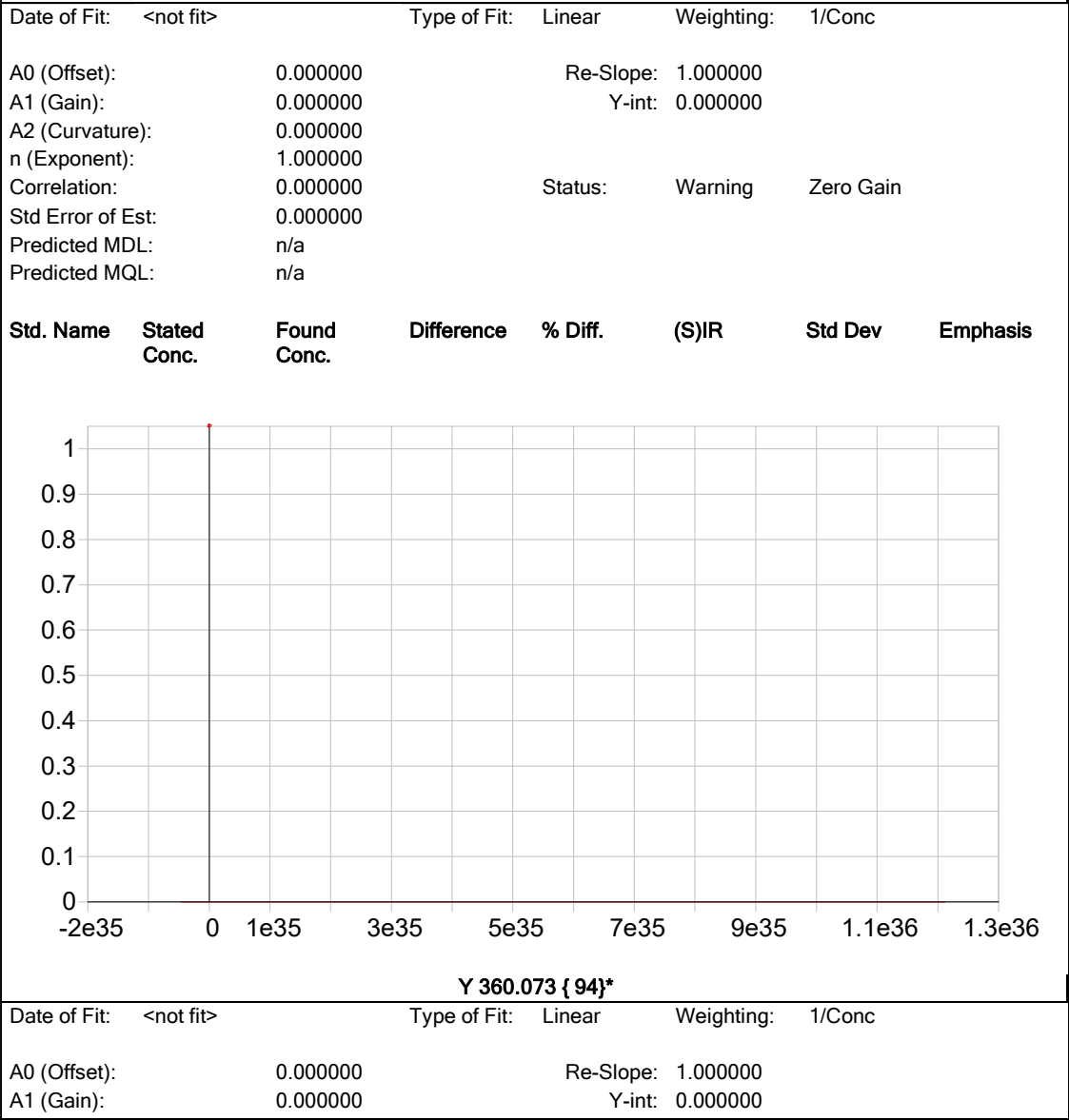
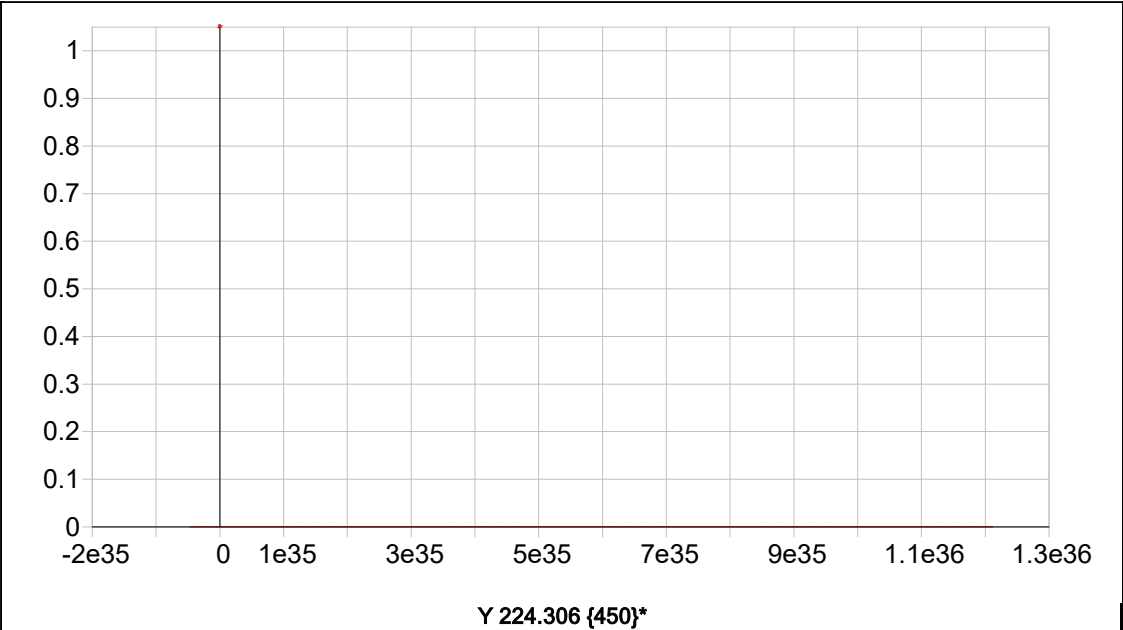


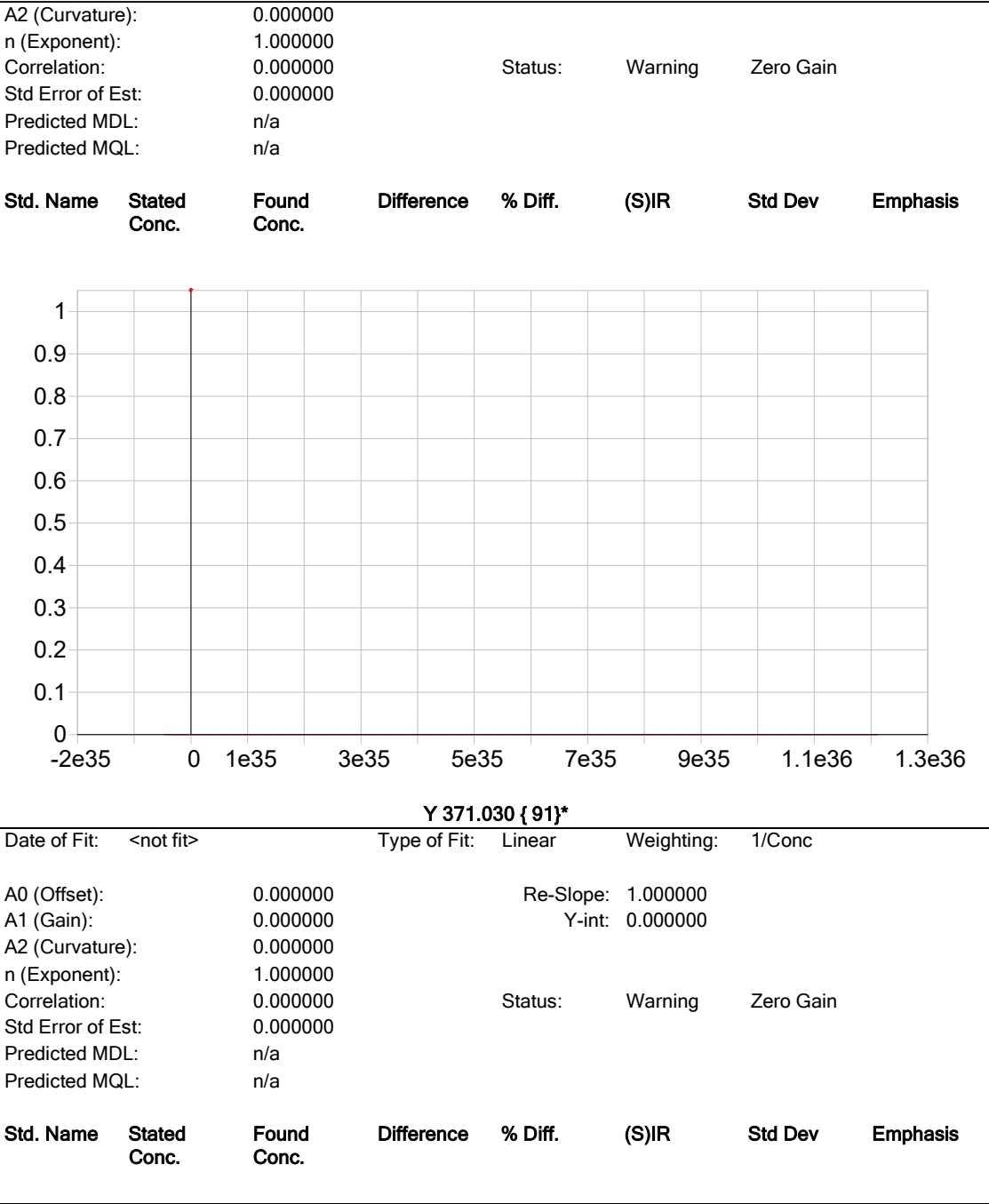
Li 670.784 { 50}

Date of Fit: 07/01/2021 18:13:49 Type of Fit: Linear Weighting: 1/Conc

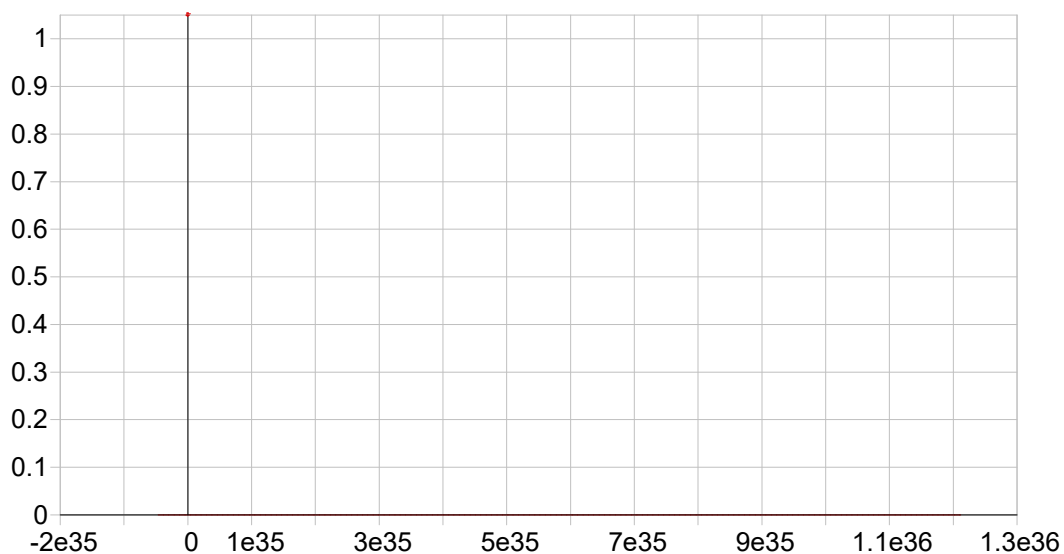
A0 (Offset): 0.012970 Re-Slope: 1.000000  
 A1 (Gain): 0.924484 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999802 Status: OK.  
 Std Error of Est: 0.000378  
 Predicted MDL: 0.001416  
 Predicted MQL: 0.004720

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01297 | .001    | 1        |
| S5        | 10.000       | 10.140      | .140       | 1.40    | 9.3775 | .005    | 1        |
| S4        | 5.0000       | 4.9968      | -.003      | -.064   | 4.6275 | .023    | 1        |
| S3        | 2.5000       | 2.4281      | -.072      | -2.87   | 2.2553 | .002    | 1        |
| S2        | 1.2500       | 1.1861      | -.064      | -5.11   | 1.1083 | .003    | 1        |
| S1        | .01500       | .01361      | -.001      | -9.28   | .02548 | .002    | 1        |





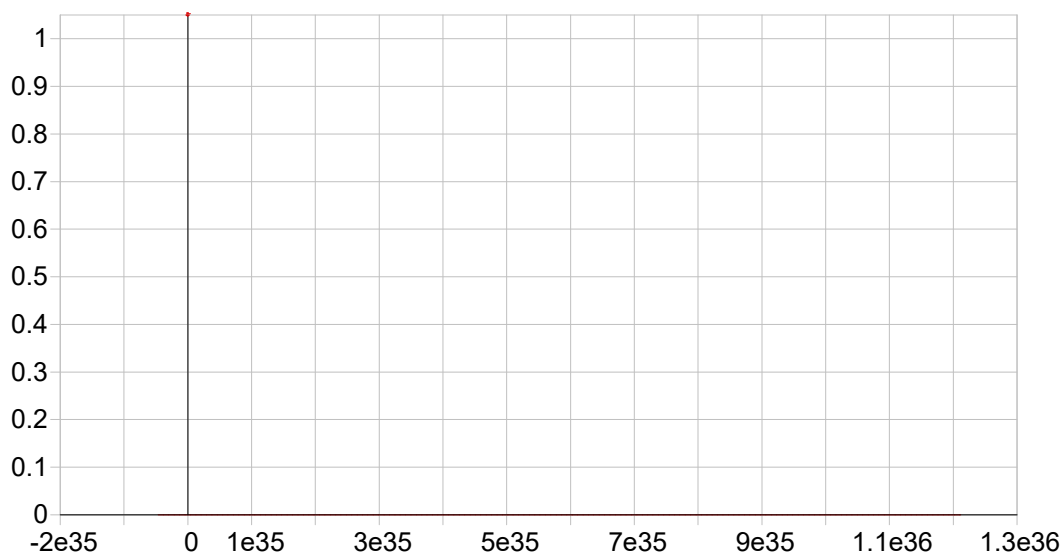




Y 224.306 {150}\*

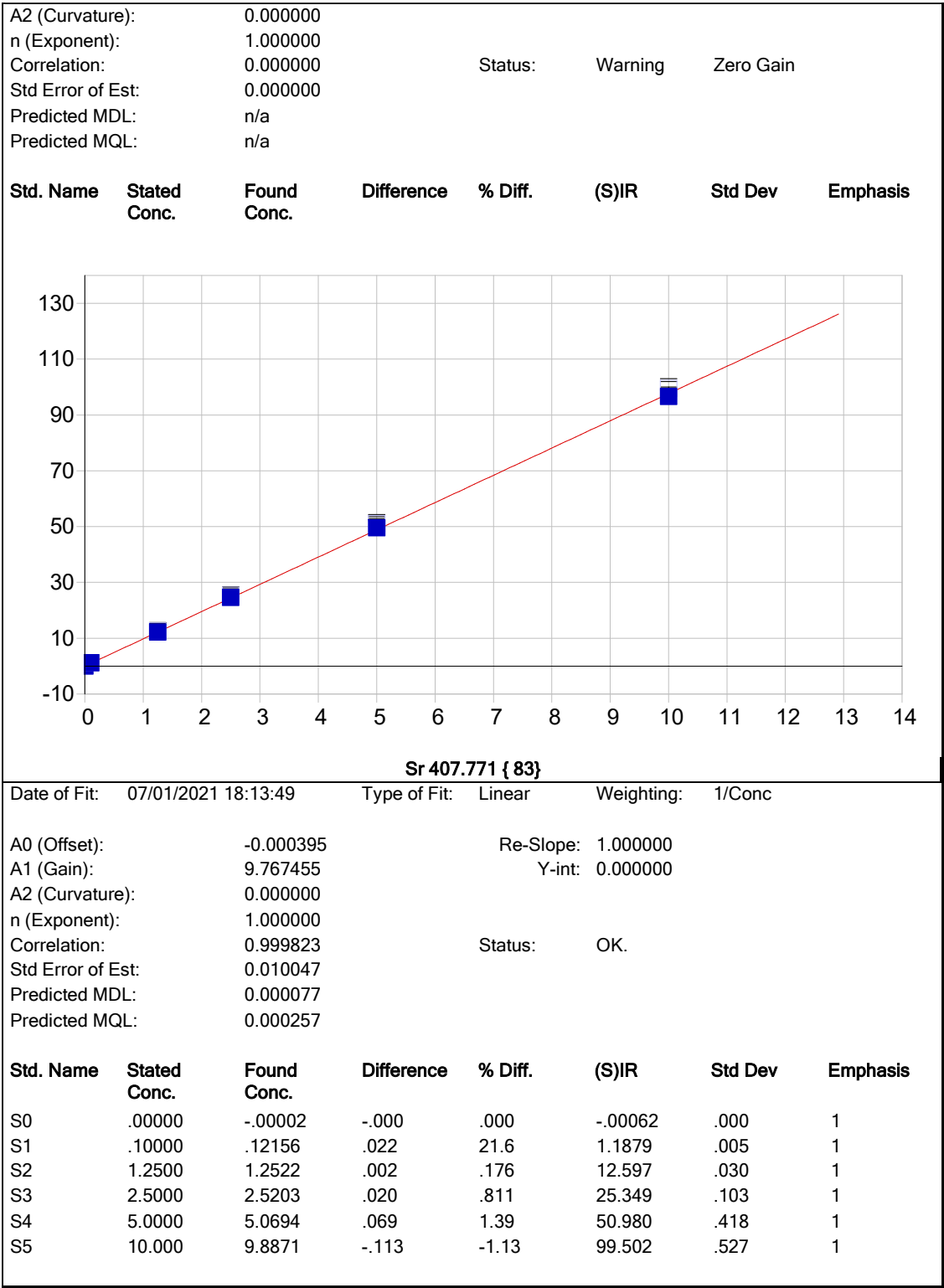
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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

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



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

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



Sample Name: S0      Acquired: 07/01/2021 14:59:28      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | -.00042 | -.00107 | .00038  | .00068  | .00029  | .00292 | -.00671 | -.00220 |
| Stddev | .00017  | .00006  | .00007  | .00002  | .00019  | .00013 | .00151  | .00019  |
| %RSD   | 40.833  | 5.7840  | 17.683  | 3.4040  | 66.358  | 4.4231 | 22.450  | 8.5965  |
| #1     | -.00054 | -.00113 | .00044  | .00066  | .00023  | .00307 | -.00842 | -.00239 |
| #2     | -.00050 | -.00101 | .00039  | .00070  | .00050  | .00282 | -.00556 | -.00201 |
| #3     | -.00022 | -.00106 | .00031  | .00069  | .00013  | .00289 | -.00616 | -.00219 |
| 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    | -.00034 | .00182  | -.00009 | .00016  | .00272  | .00063 | .00056  | -.00005 |
| Stddev | .00010  | .00014  | .00003  | .00017  | .00004  | .00031 | .00015  | .00011  |
| %RSD   | 29.505  | 7.5332  | 26.799  | 101.08  | 1.6450  | 49.122 | 25.828  | 205.06  |
| #1     | -.00028 | .00174  | -.00007 | .00018  | .00277  | .00075 | .00044  | -.00017 |
| #2     | -.00045 | .00174  | -.00009 | -.00001 | .00270  | .00085 | .00052  | .00003  |
| #3     | -.00028 | .00198  | -.00012 | .00032  | .00269  | .00028 | .00072  | -.00001 |
| 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    | -.00134 | -.00065 | -.00003 | -.00023 | -.00025 | .03665 | -.00067 | .00278  |
| Stddev | .00037  | .00006  | .00101  | .00017  | .00105  | .00089 | .00018  | .00011  |
| %RSD   | 27.353  | 9.6986  | 2892.9  | 72.352  | 422.35  | 2.4209 | 26.824  | 3.7966  |
| #1     | -.00113 | -.00070 | -.00118 | -.00041 | .00070  | .03632 | -.00057 | .00273  |
| #2     | -.00113 | -.00058 | .00072  | -.00008 | -.00138 | .03597 | -.00057 | .00290  |
| #3     | -.00176 | -.00066 | .00036  | -.00019 | -.00007 | .03765 | -.00088 | .00271  |
| 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    | .00046  | .00025  | .00394  | .00041  | .00114  | .01297 | -.00062 |         |
| Stddev | .00011  | .00010  | .00031  | .00008  | .00055  | .00072 | .00032  |         |
| %RSD   | 24.887  | 40.102  | 7.8729  | 20.200  | 48.100  | 5.5593 | 51.370  |         |
| #1     | .00059  | .00022  | .00410  | .00041  | .00053  | .01350 | -.00074 |         |
| #2     | .00038  | .00036  | .00358  | .00032  | .00160  | .01215 | -.00085 |         |
| #3     | .00040  | .00017  | .00414  | .00049  | .00129  | .01326 | -.00026 |         |

Sample Name: S0      Acquired: 07/01/2021 14:59:28      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1:      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       | 2010.5 | 34227. | 7667.0 | 1107.3 | 2503.7 |
| Stddev    | 4.7    | 30.    | 21.2   | .8     | 7.1    |
| %RSD      | .23578 | .08778 | .27648 | .07626 | .28188 |
| #1        | 2007.9 | 34242. | 7658.0 | 1107.6 | 2496.7 |
| #2        | 2016.0 | 34192. | 7651.8 | 1106.3 | 2510.8 |
| #3        | 2007.6 | 34246. | 7691.3 | 1107.9 | 2503.4 |

Sample Name: S1      Acquired: 07/01/2021 15:03:36      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | -.00003 | .00035 | .00262 | .00343 | .00958 | .02086 | .49634  | .01469 |
| Stddev | .00011  | .00010 | .00024 | .00004 | .00018 | .00059 | .00168  | .00025 |
| %RSD   | 431.36  | 27.510 | 9.0446 | 1.0332 | 1.8840 | 2.8420 | .33777  | 1.7102 |
| #1     | -.00001 | .00024 | .00238 | .00346 | .00977 | .02034 | .49635  | .01488 |
| #2     | -.00015 | .00042 | .00285 | .00344 | .00956 | .02074 | .49801  | .01441 |
| #3     | .00008  | .00038 | .00264 | .00339 | .00941 | .02151 | .49466  | .01480 |
| 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    | .01289  | .33271 | .00150 | .04294 | .00888 | .00361 | .01141  | .05432 |
| Stddev | .00027  | .00127 | .00006 | .00043 | .00014 | .00015 | .00019  | .00026 |
| %RSD   | 2.0910  | .38041 | 4.0290 | 1.0128 | 1.5717 | 4.1497 | 1.6655  | .48229 |
| #1     | .01260  | .33232 | .00154 | .04244 | .00874 | .00345 | .01162  | .05435 |
| #2     | .01296  | .33412 | .00153 | .04321 | .00887 | .00375 | .01125  | .05457 |
| #3     | .01313  | .33168 | .00143 | .04317 | .00902 | .00363 | .01135  | .05405 |
| 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    | .02550  | .00306 | .02452 | .00576 | .03651 | .15076 | -.00028 | .00514 |
| Stddev | .00019  | .00012 | .00144 | .00007 | .00116 | .00145 | .00017  | .00014 |
| %RSD   | .72720  | 3.8079 | 5.8545 | 1.2321 | 3.1673 | .96466 | 61.063  | 2.6659 |
| #1     | .02538  | .00318 | .02497 | .00573 | .03522 | .15032 | -.00009 | .00528 |
| #2     | .02541  | .00304 | .02291 | .00584 | .03747 | .15238 | -.00043 | .00500 |
| #3     | .02572  | .00295 | .02567 | .00571 | .03682 | .14957 | -.00033 | .00513 |
| 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    | .00549  | .00214 | .03648 | .00083 | .06098 | .02548 | 1.1879  |        |
| Stddev | .00035  | .00004 | .00066 | .00015 | .00042 | .00230 | .0054   |        |
| %RSD   | 6.4281  | 2.0536 | 1.8013 | 18.733 | .68075 | 9.0437 | .45313  |        |
| #1     | .00579  | .00209 | .03720 | .00100 | .06054 | .02806 | 1.1863  |        |
| #2     | .00559  | .00215 | .03630 | .00079 | .06136 | .02473 | 1.1940  |        |
| #3     | .00510  | .00218 | .03592 | .00069 | .06103 | .02363 | 1.1836  |        |

Sample Name: S1      Acquired: 07/01/2021 15:03:36      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | ln2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1972.1 | 33846. | 7557.8 | 1095.8 | 2471.7 |
| Stddev    | 5.9    | 82.    | 39.8   | 6.3    | 3.6    |
| %RSD      | .29691 | .24255 | .52650 | .57199 | .14502 |
| #1        | 1971.9 | 33926. | 7535.4 | 1102.3 | 2470.3 |
| #2        | 1966.4 | 33850. | 7534.3 | 1089.8 | 2468.9 |
| #3        | 1978.1 | 33762. | 7603.8 | 1095.4 | 2475.7 |

Sample Name: S2      Acquired: 07/01/2021 15:07:43      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | .04539 | .07010 | 1.1438 | .07704 | .16785 | 2.8431 | 8.1064 | .34554 |
| Stddev | .00029 | .00020 | .0022  | .00026 | .00134 | .0053  | .0108  | .00114 |
| %RSD   | .63658 | .29199 | .19488 | .33379 | .79732 | .18666 | .13277 | .33090 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04508 | .06986 | 1.1459 | .07719 | .16635 | 2.8433 | 8.0971 | .34575 |
| #2 | .04545 | .07023 | 1.1415 | .07674 | .16827 | 2.8377 | 8.1182 | .34430 |
| #3 | .04564 | .07021 | 1.1439 | .07718 | .16892 | 2.8483 | 8.1038 | .34656 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3598 | 3.5294 | .48983 | .47211 | .84258 | .94604 | 2.2149 | .55309 |
| Stddev | .0050  | .0053  | .00065 | .00094 | .00024 | .00201 | .0046  | .00157 |
| %RSD   | .37158 | .15005 | .13217 | .19921 | .02903 | .21216 | .20584 | .28428 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3649 | 3.5244 | .48910 | .47319 | .84285 | .94393 | 2.2154 | .55152 |
| #2 | 1.3548 | 3.5349 | .49033 | .47144 | .84238 | .94627 | 2.2193 | .55309 |
| #3 | 1.3598 | 3.5288 | .49005 | .47172 | .84251 | .94793 | 2.2102 | .55467 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .34005 | .10449 | .16386 | .06053 | 2.0216 | .79092 | .04139 | .34862 |
| Stddev | .00159 | .00046 | .00133 | .00011 | .0037  | .00198 | .00013 | .00203 |
| %RSD   | .46862 | .44501 | .80993 | .17490 | .18451 | .25057 | .31989 | .58313 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .34123 | .10424 | .16531 | .06043 | 2.0233 | .79306 | .04131 | .34837 |
| #2 | .33824 | .10503 | .16271 | .06064 | 2.0173 | .78914 | .04154 | .34673 |
| #3 | .34069 | .10421 | .16357 | .06052 | 2.0242 | .79057 | .04132 | .35077 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .50845 | .02455 | .40122 | .08110 | .63666 | 1.1083 | 12.597 |
| Stddev | .00125 | .00026 | .00259 | .00029 | .00191 | .0030  | .030   |
| %RSD   | .24584 | 1.0748 | .64542 | .35732 | .29978 | .26693 | .23760 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50710 | .02460 | .40230 | .08096 | .63706 | 1.1067 | 12.600 |
| #2 | .50957 | .02478 | .39826 | .08091 | .63459 | 1.1065 | 12.565 |
| #3 | .50866 | .02426 | .40309 | .08144 | .63834 | 1.1117 | 12.625 |

Sample Name: S2      Acquired: 07/01/2021 15:07:43      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1:      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       | 1954.4 | 34168. | 7740.5 | 1084.9 | 2419.4 |
| Stddev    | .5     | 123.   | 7.2    | 3.1    | 5.1    |
| %RSD      | .02549 | .36097 | .09316 | .28440 | .20901 |
| #1        | 1955.0 | 34256. | 7747.0 | 1081.5 | 2413.5 |
| #2        | 1954.2 | 34027. | 7741.8 | 1085.8 | 2422.4 |
| #3        | 1954.0 | 34221. | 7732.8 | 1087.5 | 2422.2 |



Sample Name: S3      Acquired: 07/01/2021 15:11:37      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | .09260 | .14172 | 2.3226 | .15511 | .34002 | 5.7234 | 16.569 | .68258 |
| Stddev | .00017 | .00035 | .0045  | .00016 | .00093 | .0371  | .041   | .00709 |
| %RSD   | .18603 | .24578 | .19400 | .10574 | .27264 | .64851 | .24986 | 1.0393 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09246 | .14203 | 2.3179 | .15498 | .33941 | 5.6940 | 16.616 | .68080 |
| #2 | .09255 | .14134 | 2.3229 | .15529 | .33956 | 5.7651 | 16.551 | .69040 |
| #3 | .09279 | .14177 | 2.3269 | .15506 | .34109 | 5.7111 | 16.539 | .67655 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7235 | 7.1320 | .97013 | .95732 | 1.6824 | 1.8569 | 4.4228 | 1.1065 |
| Stddev | .0067  | .0058  | .00056 | .00278 | .0037  | .0240  | .0078  | .0145  |
| %RSD   | .24443 | .08168 | .05728 | .29036 | .22160 | 1.2901 | .17582 | 1.3129 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7162 | 7.1377 | .97057 | .95480 | 1.6790 | 1.8360 | 4.4210 | 1.0933 |
| #2 | 2.7252 | 7.1323 | .96950 | .95685 | 1.6864 | 1.8831 | 4.4314 | 1.1220 |
| #3 | 2.7291 | 7.1261 | .97030 | .96030 | 1.6817 | 1.8516 | 4.4161 | 1.1042 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .68685 | .21534 | .32908 | .11995 | 4.0885 | 1.5823 | .08539 | .70063 |
| Stddev | .00164 | .00086 | .00256 | .00124 | .0306  | .0062  | .00051 | .01119 |
| %RSD   | .23945 | .40059 | .77720 | 1.0296 | .74904 | .38851 | .60094 | 1.5974 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .68523 | .21445 | .32769 | .11907 | 4.0618 | 1.5777 | .08569 | .69689 |
| #2 | .68682 | .21541 | .33204 | .12136 | 4.0818 | 1.5893 | .08568 | .71321 |
| #3 | .68851 | .21617 | .32753 | .11942 | 4.1219 | 1.5799 | .08479 | .69178 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.0208 | .05087 | .75977 | .16505 | 1.2650 | 2.2553 | 25.349 |  |
| Stddev | .0011  | .00027 | .01138 | .00026 | .0077  | .0016  | .103   |  |
| %RSD   | .10744 | .52167 | 1.4977 | .15682 | .61251 | .07042 | .40482 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.0197 | .05116 | .75657 | .16531 | 1.2568 | 2.2551 | 25.293 |  |
| #2 | 1.0219 | .05082 | .77240 | .16480 | 1.2722 | 2.2569 | 25.467 |  |
| #3 | 1.0208 | .05063 | .75032 | .16504 | 1.2661 | 2.2537 | 25.287 |  |

Sample Name: S3      Acquired: 07/01/2021 15:11:37      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1889.3 | 33410. | 7664.9 | 1044.6 | 2310.5 |
| Stddev    | 2.2    | 70.    | 86.8   | 3.8    | 3.8    |
| %RSD      | .11391 | .21010 | 1.1329 | .35984 | .16574 |
| #1        | 1890.0 | 33332. | 7717.1 | 1048.4 | 2310.4 |
| #2        | 1891.0 | 33468. | 7564.7 | 1040.9 | 2314.3 |
| #3        | 1886.9 | 33431. | 7712.9 | 1044.6 | 2306.7 |

Sample Name: S4      Acquired: 07/01/2021 15:15:29      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | .18861 | .28109 | 4.7115 | .30596 | .68565 | 11.783 | 33.384 | 1.3639 |
| Stddev | .00005 | .00153 | .0152  | .00049 | .00078 | .068   | .077   | .0139  |
| %RSD   | .02673 | .54554 | .32176 | .16070 | .11332 | .57407 | .23033 | 1.0201 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18860 | .28098 | 4.6970 | .30650 | .68642 | 11.716 | 33.472 | 1.3506 |
| #2 | .18866 | .28268 | 4.7103 | .30553 | .68566 | 11.852 | 33.330 | 1.3784 |
| #3 | .18856 | .27962 | 4.7273 | .30585 | .68487 | 11.780 | 33.349 | 1.3627 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 5.4607 | 14.334 | 1.9119 | 1.9434 | 3.3895 | 3.7322 | 8.8205 | 2.2855 |
| Stddev | .0201  | .025   | .0009  | .0034  | .0058  | .0337  | .0169  | .0233  |
| %RSD   | .36866 | .17119 | .04907 | .17547 | .17060 | .90329 | .19168 | 1.0185 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.4383 | 14.350 | 1.9108 | 1.9403 | 3.3829 | 3.6977 | 8.8396 | 2.2606 |
| #2 | 5.4666 | 14.346 | 1.9125 | 1.9428 | 3.3920 | 3.7650 | 8.8145 | 2.3067 |
| #3 | 5.4773 | 14.306 | 1.9124 | 1.9471 | 3.3936 | 3.7340 | 8.8075 | 2.2892 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3793 | .43742 | .67096 | .24324 | 8.5541 | 3.2231 | .17620 | 1.4206 |
| Stddev | .0017  | .00026 | .00500 | .00297 | .0180  | .0114  | .00162 | .0170  |
| %RSD   | .12213 | .05958 | .74448 | 1.2193 | .21062 | .35493 | .91912 | 1.1980 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3773 | .43720 | .66611 | .24017 | 8.5335 | 3.2186 | .17688 | 1.4103 |
| #2 | 1.3804 | .43734 | .67609 | .24609 | 8.5670 | 3.2362 | .17736 | 1.4402 |
| #3 | 1.3801 | .43770 | .67068 | .24346 | 8.5618 | 3.2147 | .17435 | 1.4112 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.0613 | .10558 | 1.4946 | .33623 | 2.5622 | 4.6275 | 50.980 |
| Stddev | .0015  | .00027 | .0160  | .00060 | .0204  | .0232  | .418   |
| %RSD   | .07399 | .25391 | 1.0710 | .17821 | .79628 | .50178 | .82012 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0603 | .10578 | 1.4815 | .33556 | 2.5449 | 4.6128 | 50.854 |
| #2 | 2.0607 | .10567 | 1.5124 | .33671 | 2.5847 | 4.6542 | 51.447 |
| #3 | 2.0631 | .10527 | 1.4898 | .33643 | 2.5571 | 4.6153 | 50.640 |

Sample Name: S4      Acquired: 07/01/2021 15:15:29      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1791.1 | 32595. | 7514.9 | 983.85 | 2164.9 |
| Stddev    | 2.7    | 127.   | 36.1   | 3.64   | 2.0    |
| %RSD      | .15247 | .38982 | .48001 | .36948 | .09163 |
| #1        | 1788.7 | 32457. | 7549.5 | 980.40 | 2165.4 |
| #2        | 1794.1 | 32621. | 7477.5 | 987.64 | 2166.5 |
| #3        | 1790.6 | 32707. | 7517.5 | 983.51 | 2162.7 |

Sample Name: S5      Acquired: 07/01/2021 15:19:28      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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    | .37955 | .54344 | 9.3588 | .57884 | 1.3767 | 23.633 | 65.769 | 2.6155 |
| Stddev | .00104 | .00374 | .0205  | .00043 | .0021  | .053   | .427   | .0155  |
| %RSD   | .27387 | .68799 | .21961 | .07444 | .15263 | .22552 | .64918 | .59305 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .38023 | .54617 | 9.3512 | .57859 | 1.3745 | 23.658 | 65.901 | 2.6126 |
| #2 | .37835 | .53918 | 9.3431 | .57860 | 1.3787 | 23.572 | 66.115 | 2.6017 |
| #3 | .38006 | .54497 | 9.3821 | .57934 | 1.3768 | 23.669 | 65.292 | 2.6323 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 10.606 | 28.138 | 3.6642 | 3.8359 | 6.6756 | 7.1942 | 17.111 | 4.5539 |
| Stddev | .013   | .046   | .0029  | .0097  | .0118  | .0315  | .032   | .0166  |
| %RSD   | .12380 | .16398 | .07845 | .25318 | .17640 | .43824 | .18982 | .36548 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.598 | 28.085 | 3.6668 | 3.8304 | 6.6772 | 7.2173 | 17.084 | 4.5684 |
| #2 | 10.600 | 28.165 | 3.6611 | 3.8301 | 6.6631 | 7.1582 | 17.101 | 4.5357 |
| #3 | 10.622 | 28.165 | 3.6645 | 3.8471 | 6.6864 | 7.2070 | 17.147 | 4.5574 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.7156 | .88476 | 1.3321 | .47221 | 17.624 | 6.4758 | .35605 | 2.7386 |
| Stddev | .0077  | .00369 | .0029  | .00135 | .058   | .0158  | .00237 | .0191  |
| %RSD   | .28469 | .41701 | .22183 | .28610 | .32755 | .24358 | .66429 | .69842 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7155 | .88590 | 1.3343 | .47371 | 17.593 | 6.4778 | .35800 | 2.7328 |
| #2 | 2.7079 | .88774 | 1.3288 | .47109 | 17.691 | 6.4591 | .35342 | 2.7231 |
| #3 | 2.7234 | .88063 | 1.3332 | .47183 | 17.589 | 6.4904 | .35673 | 2.7600 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.1177 | .21319 | 2.8545 | .66698 | 5.0095 | 9.3775 | 99.502 |
| Stddev | .0075  | .00109 | .0175  | .00189 | .0116  | .0050  | .527   |
| %RSD   | .18098 | .51234 | .61216 | .28394 | .23232 | .05364 | .53010 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.1193 | .21373 | 2.8530 | .66708 | 5.0166 | 9.3787 | 99.086 |
| #2 | 4.1095 | .21193 | 2.8377 | .66503 | 4.9960 | 9.3720 | 100.10 |
| #3 | 4.1242 | .21390 | 2.8726 | .66882 | 5.0157 | 9.3819 | 99.325 |

Sample Name: S5      Acquired: 07/01/2021 15:19:28      Type: Cal  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      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       | 1673.8 | 31789. | 7448.2 | 910.76 | 2015.5 |
| Stddev    | 1.2    | 107.   | 3.1    | 5.70   | 3.6    |
| %RSD      | .06969 | .33697 | .04175 | .62616 | .17781 |
| #1        | 1675.0 | 31719. | 7445.0 | 915.30 | 2017.0 |
| #2        | 1673.9 | 31735. | 7448.5 | 904.36 | 2018.0 |
| #3        | 1672.6 | 31912. | 7451.2 | 912.63 | 2011.4 |

Sample Name: S6      Acquired: 07/01/2021 15:23:32      Type: Cal  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: IR      Corr. Factor: 1.000000  
 User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| Elem   | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 65.244 | 44.681 | 19.036 | 7.6661 | 3.6786 |
| Stddev | 1.073  | .416   | .158   | .0670  | .0248  |
| %RSD   | 1.6446 | .93140 | .83089 | .87456 | .67352 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 65.378 | 44.933 | 19.150 | 7.7160 | 3.7015 |
| #2 | 64.110 | 44.201 | 18.855 | 7.5899 | 3.6523 |
| #3 | 66.244 | 44.910 | 19.101 | 7.6924 | 3.6819 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 7285.5 |
| Stddev    | 55.1   |
| %RSD      | .75685 |

|    |        |
|----|--------|
| #1 | 7238.4 |
| #2 | 7346.2 |
| #3 | 7272.0 |

Sample Name: ICV001      Acquired: 07/01/2021 15:52:20      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9966307 | 1.032093 | .9661413 | .9740386 | .9606847 | 2.306917 | .5046414 |
| Stddev | .0049110 | .005440  | .0053958 | .0067160 | .0026316 | .004302  | .0014090 |
| %RSD   | .4927634 | .5270964 | .5584887 | .6895049 | .2739269 | .1864937 | .2792141 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9932951 | 1.031745 | .9604559 | .9795093 | .9578171 | 2.311850 | .5032349 |
| #2 | 1.002270 | 1.026836 | .9667767 | .9665432 | .9612482 | 2.303945 | .5046361 |
| #3 | .994327  | 1.037700 | .9711912 | .9760634 | .9629889 | 2.304955 | .5060530 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5248463 | .5152950 | 9.806910 | .5203875 | .5012496 | .5094844 | 10.42127 |
| Stddev | .0036062 | .0014319 | .018617  | .0013539 | .0009468 | .0012721 | .04639   |
| %RSD   | .6871047 | .2778807 | .1898350 | .2601626 | .1888932 | .2496845 | .4451610 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5272404 | .5147058 | 9.785424 | .5207952 | .5023183 | .5083929 | 10.46524 |
| #2 | .5265999 | .5142517 | 9.817054 | .5214907 | .5005155 | .5108814 | 10.37278 |
| #3 | .5206986 | .5169275 | 9.818252 | .5188767 | .5009151 | .5091790 | 10.42578 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5126384 | 5.564519 | .5139953 | .2296520 | 9.596515 | .5218038 | .9128097 |
| Stddev | .0031237 | .007728  | .0008693 | .0014577 | .240944  | .0034232 | .0023258 |
| %RSD   | .6093382 | .1388854 | .1691211 | .6347293 | 2.510749 | .6560344 | .2547907 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5105354 | 5.559281 | .5148156 | .2302345 | 9.343651 | .5242971 | .9108319 |
| #2 | .5111521 | 5.573395 | .5140861 | .2279931 | 9.823441 | .5232133 | .9153719 |
| #3 | .5162277 | 5.560881 | .5130842 | .2307283 | 9.622454 | .5179008 | .9122251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.985885 | 5.276730 | 4.858181 | 5.272690 | 5.077735 | 5.036091 | 4.581402 |
| Stddev | .013404  | .006513  | .027604  | .007391  | .007224  | .025768  | .015759  |
| %RSD   | .1491678 | .1234299 | .5682051 | .1401816 | .1422607 | .5116739 | .3439747 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.991001 | 5.275191 | 4.885022 | 5.267711 | 5.078350 | 5.058907 | 4.595522 |
| #2 | 8.995977 | 5.271123 | 4.859649 | 5.269176 | 5.070224 | 5.041224 | 4.564401 |
| #3 | 8.970676 | 5.283874 | 4.829872 | 5.281183 | 5.084632 | 5.008142 | 4.584282 |



Sample Name: ICV001      Acquired: 07/01/2021 15:52:20      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.841049 | 5.184376 | 5.135052 |
| Stddev | .020000  | .014439  | .031320  |
| %RSD   | .4131311 | .2785191 | .6099347 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.863872 | 5.200832 | 5.102380 |
| #2 | 4.826586 | 5.173821 | 5.137957 |
| #3 | 4.832689 | 5.178476 | 5.164818 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2018.150 | 34981.68 | 7916.876 | 1126.985 | 2532.255 |
| Stddev    | .369     | 16.25    | 43.991   | 5.066    | 3.356    |
| %RSD      | .0182851 | .0464526 | .5556598 | .4495187 | .1325133 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2018.546 | 34974.91 | 7866.807 | 1122.380 | 2529.840 |
| #2 | 2017.817 | 35000.22 | 7934.497 | 1126.164 | 2530.839 |
| #3 | 2018.085 | 34969.90 | 7949.325 | 1132.412 | 2536.086 |

Sample Name: ICB001      Acquired: 07/01/2021 15:56:22      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000606 | -.001287 | .0001460 | .0035192 | .0040386 | -.011309 | -.000667 |
| Stddev | .003898  | .002333  | .0016986 | .0017244 | .0022012 | .007081  | .000569  |
| %RSD   | 643.4428 | 181.2937 | 1163.674 | 48.99984 | 54.50378 | 62.61671 | 85.31619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002293  | .001386  | -.001769 | .0044079 | .0015280 | -.012844 | -.000397 |
| #2 | .000926  | -.002914 | .001470  | .0015317 | .0049504 | -.017496 | -.000284 |
| #3 | -.005036 | -.002333 | .000737  | .0046178 | .0056373 | -.003586 | -.001322 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001159 | .0000077 | .0006151 | -.000026 | -.000293 | -.000792 | -.003454 |
| Stddev | .0000329 | .0000983 | .0018985 | .000175  | .000130  | .000981  | .011183  |
| %RSD   | 28.38928 | 1277.028 | 308.6436 | 681.4316 | 44.48322 | 123.9537 | 323.7374 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001531 | .0000261 | .0025593 | -.000226 | -.000287 | .000305  | -.002248 |
| #2 | .0001039 | .0000955 | .0005202 | .000053  | -.000427 | -.001588 | -.015192 |
| #3 | .0000906 | -.000098 | -.001234 | .000096  | -.000166 | -.001092 | .007077  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000279 | -.020698 | .0001305 | -.000167 | -.099813 | -.000124 | .0001770 |
| Stddev | .000089  | .026387  | .0003605 | .000246  | .247480  | .001908  | .0008938 |
| %RSD   | 31.88579 | 127.4852 | 276.2873 | 147.2855 | 247.9448 | 1534.350 | 505.0049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000278 | -.017694 | -.000221 | -.000449 | .131704  | .001892  | -.000566 |
| #2 | -.000368 | -.048458 | .000500  | .000003  | -.360645 | -.000363 | -.000072 |
| #3 | -.000190 | .004058  | .000113  | -.000055 | -.070497 | -.001902 | .001169  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0200459 | .0021522 | .0025976 | .0010436 | -.006324 | .0048015 | -.001399 |
| Stddev | .0656127 | .0043862 | .0009349 | .0004001 | .005592  | .0011658 | .000844  |
| %RSD   | 327.3128 | 203.8040 | 35.99052 | 38.33675 | 88.42963 | 24.27935 | 60.30121 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0806997 | -.002846 | .0021999 | .0015052 | -.012572 | .0058782 | -.000492 |
| #2 | .0290364 | .003941  | .0036655 | .0008297 | -.004611 | .0049629 | -.001544 |
| #3 | -.049598 | .005361  | .0019273 | .0007960 | -.001788 | .0035635 | -.002160 |

Sample Name: ICB001      Acquired: 07/01/2021 15:56:22      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICB001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004506 | -.001803 | -.000010 |
| Stddev | .0007892 | .002164  | .000042  |
| %RSD   | 175.1177 | 120.0210 | 428.4991 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0013602 | .000636  | .000036  |
| #2 | -.000052 | -.002553 | -.000046 |
| #3 | .000044  | -.003493 | -.000020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2004.445 | 34583.24 | 7759.339 | 1124.227 | 2507.183 |
| Stddev    | 5.020    | 39.44    | 32.287   | 4.102    | 5.821    |
| %RSD      | .2504588 | .1140555 | .4161096 | .3648976 | .2321640 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2006.579 | 34560.35 | 7766.769 | 1126.800 | 2505.057 |
| #2 | 2008.046 | 34628.79 | 7723.985 | 1119.496 | 2513.767 |
| #3 | 1998.710 | 34560.59 | 7787.264 | 1126.385 | 2502.724 |

Sample Name: ICSA001      Acquired: 07/01/2021 16:00:30      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019396 | -.004425 | .0067808 | .0280424 | .0023860 | 243.0498 | .0044156 |
| Stddev | .0017352 | .006061  | .0017769 | .0030987 | .0005898 | .4143    | .0007182 |
| %RSD   | 89.46474 | 136.9695 | 26.20403 | 11.04987 | 24.71953 | .1704527 | 16.26406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027555 | -.010793 | .0047336 | .0300681 | .0025742 | 242.7992 | .0038462 |
| #2 | -.000053 | -.003758 | .0079225 | .0295839 | .0017250 | 242.8221 | .0041782 |
| #3 | .003116  | .001275  | .0076864 | .0244754 | .0028587 | 243.5279 | .0052224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013152 | -.002124 | 248.9839 | .0590593 | -.000726 | .0062002 | 103.4161 |
| Stddev | .0000490 | .000114  | .5625    | .0004297 | .000416  | .0013036 | .4927    |
| %RSD   | 3.723035 | 5.389506 | .2259382 | .7275199 | 57.21608 | 21.02508 | .4764544 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012611 | -.002066 | 248.3357 | .0585664 | -.000964 | .0074340 | 103.6066 |
| #2 | .0013564 | -.002050 | 249.2711 | .0592571 | -.000968 | .0048365 | 102.8566 |
| #3 | .0013280 | -.002256 | 249.3448 | .0593544 | -.000246 | .0063301 | 103.7852 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143453 | 251.6617 | -.001838 | .0023019 | .3625378 | .0027093 | .0104644 |
| Stddev | .0006273 | .9390    | .000310  | .0000590 | .1001568 | .0019286 | .0015677 |
| %RSD   | 4.372920 | .3731093 | 16.85209 | 2.562806 | 27.62658 | 71.18279 | 14.98125 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0149958 | 251.8735 | -.002018 | .0023699 | .2924121 | .0045313 | .0101041 |
| #2 | .0137441 | 250.6349 | -.001481 | .0022637 | .3179566 | .0006894 | .0121809 |
| #3 | .0142959 | 252.4767 | -.002017 | .0022722 | .4772447 | .0029071 | .0091082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.117479 | -.003831 | .0046342 | -.000845 | -.000331 | .0002711 | .0037285 |
| Stddev | .071758  | .006032  | .0038378 | .001257  | .008313  | .0004644 | .0014440 |
| %RSD   | 61.08201 | 157.4536 | 82.81534 | 148.8511 | 2508.065 | 171.3209 | 38.72783 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.156155 | .000058  | .0090653 | -.000072 | -.009208 | .0007994 | .0042797 |
| #2 | -.034679 | -.000771 | .0024762 | -.000166 | .007269  | -.000073 | .0020902 |
| #3 | -.161602 | -.010780 | .0023612 | -.002296 | .000945  | .000087  | .0048158 |

Sample Name: ICSA001      Acquired: 07/01/2021 16:00:30      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001548 | .0042919 | .0039797 |
| Stddev | .000270  | .0014512 | .0004790 |
| %RSD   | 17.42035 | 33.81188 | 12.03557 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001506 | .0050178 | .0039784 |
| #2 | -.001302 | .0026210 | .0044593 |
| #3 | -.001836 | .0052369 | .0035013 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1888.197 | 33164.37 | 7624.378 | 1051.138 | 2271.566 |
| Stddev    | 5.112    | 266.28   | 13.947   | 6.486    | 2.931    |
| %RSD      | .2707378 | .8028982 | .1829214 | .6170101 | .1290516 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1889.491 | 33310.74 | 7623.536 | 1054.340 | 2273.160 |
| #2 | 1892.538 | 33325.36 | 7638.727 | 1055.399 | 2273.356 |
| #3 | 1882.562 | 32857.02 | 7610.872 | 1043.674 | 2268.183 |

Sample Name: ICSAB001      Acquired: 07/01/2021 16:04:35      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1080710 | .0938716 | .0533798 | .0649589 | .5913293 | 237.0531 | .4980832 |
| Stddev | .0123085 | .0014682 | .0029453 | .0023847 | .0039471 | .3644    | .0006896 |
| %RSD   | 11.38927 | 1.564032 | 5.517575 | 3.671126 | .6675026 | .1537335 | .1384478 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1024053 | .0952648 | .0564899 | .0677095 | .5870442 | 237.4136 | .4975445 |
| #2 | .0996156 | .0940117 | .0530163 | .0636962 | .5948167 | 237.0607 | .4988603 |
| #3 | .1221921 | .0923384 | .0506331 | .0634710 | .5921268 | 236.6849 | .4978447 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5075308 | .9854990 | 244.4413 | .5495408 | .4897163 | .4944486 | 100.4587 |
| Stddev | .0028489 | .0014334 | .3350    | .0022770 | .0011567 | .0023003 | .5839    |
| %RSD   | .5613195 | .1454530 | .1370280 | .4143420 | .2362059 | .4652267 | .5811885 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5105209 | .9865523 | 244.0669 | .5507614 | .4891370 | .4947573 | 100.8890 |
| #2 | .5072235 | .9860782 | 244.7126 | .5509473 | .4889637 | .4920096 | 100.6929 |
| #3 | .5048481 | .9838666 | 244.5443 | .5469138 | .4910482 | .4965791 | 99.7941  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5037167 | 244.2608 | .9888736 | .1952042 | .3160630 | .5030560 | .9229458 |
| Stddev | .0012351 | 1.0542   | .0041686 | .0002880 | .0552847 | .0017599 | .0068984 |
| %RSD   | .2451923 | .4315997 | .4215496 | .1475217 | 17.49166 | .3498491 | .7474273 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5038263 | 245.1698 | .9907942 | .1951220 | .3477200 | .5013651 | .9164291 |
| #2 | .5048934 | 244.5075 | .9840910 | .1955244 | .2522265 | .5029251 | .9222373 |
| #3 | .5024305 | 243.1051 | .9917357 | .1949663 | .3482426 | .5048777 | .9301711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.282103 | .0070574 | .0016674 | -.000026 | -.007297 | -.001338 | .0019665 |
| Stddev | .036362  | .0037573 | .0010396 | .000136  | .005736  | .001341  | .0020903 |
| %RSD   | 12.88969 | 53.23859 | 62.34931 | 525.4142 | 78.61388 | 100.1986 | 106.2948 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.246903 | .0027209 | .0020142 | -.000182 | -.001325 | -.002886 | -.000396 |
| #2 | -.319526 | .0093383 | .0024893 | .000042  | -.007801 | -.000613 | .003576  |
| #3 | -.279880 | .0091132 | .0004987 | .000063  | -.012764 | -.000516 | .002719  |

Sample Name: ICSAB001      Acquired: 07/01/2021 16:04:35      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002835 | .0018911 | .0047567 |
| Stddev | .000668  | .0007368 | .0008258 |
| %RSD   | 23.57215 | 38.96177 | 17.36082 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002277 | .0024796 | .0041690 |
| #2 | -.003576 | .0010647 | .0044002 |
| #3 | -.002654 | .0021289 | .0057009 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1893.257 | 33339.71 | 7701.299 | 1058.183 | 2276.813 |
| Stddev    | 3.091    | 65.17    | 32.107   | 4.074    | 2.620    |
| %RSD      | .1632424 | .1954699 | .4169080 | .3850392 | .1150835 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1895.385 | 33378.57 | 7680.463 | 1062.870 | 2273.906 |
| #2 | 1889.712 | 33376.08 | 7685.161 | 1056.195 | 2278.992 |
| #3 | 1894.674 | 33264.47 | 7738.274 | 1055.484 | 2277.541 |

Sample Name: CCV008      Acquired: 07/01/2021 16:08:33      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV008      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.675452 | 4.695483 | 23.66278 | 4.508048 | 4.689758 | 363.2704 | 9.637194 |
| Stddev | .009271  | .015386  | .02699   | .002193  | .008993  | 2.5883   | .039180  |
| %RSD   | .1982962 | .3276864 | .1140450 | .0486410 | .1917481 | .7125051 | .4065476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.684848 | 4.677716 | 23.65659 | 4.507959 | 4.682372 | 362.1170 | 9.594495 |
| #2 | 4.666311 | 4.704434 | 23.63942 | 4.505902 | 4.699771 | 366.2349 | 9.671492 |
| #3 | 4.675197 | 4.704299 | 23.69232 | 4.510284 | 4.687129 | 361.4592 | 9.645594 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4760742 | 2.362219 | 423.5597 | 14.28753 | 2.392785 | 14.43269 | 377.9516 |
| Stddev | .0009250 | .004178  | .8759    | .00594   | .003434  | .00779   | 1.6802   |
| %RSD   | .1943038 | .1768511 | .2067877 | .0415522 | .1434986 | .0539661 | .4445667 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4771290 | 2.361830 | 422.6338 | 14.28136 | 2.389534 | 14.42924 | 379.7991 |
| #2 | .4754008 | 2.358250 | 424.3750 | 14.29320 | 2.396376 | 14.44160 | 377.5410 |
| #3 | .4756929 | 2.366578 | 423.6702 | 14.28803 | 2.392446 | 14.42721 | 376.5147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.18178 | 426.5020 | 2.372911 | 1.209937 | 370.2849 | 2.397122 | 14.29862 |
| Stddev | .02154   | 1.9922   | .003085  | .003024  | 1.3413   | .011069  | .07121   |
| %RSD   | .1519018 | .4671115 | .1300116 | .2498905 | .3622271 | .4617469 | .4980117 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.15861 | 428.6295 | 2.369419 | 1.212615 | 371.2700 | 2.405330 | 14.37955 |
| #2 | 14.18554 | 426.1958 | 2.375269 | 1.210538 | 370.8273 | 2.401502 | 14.27075 |
| #3 | 14.20120 | 424.6805 | 2.374044 | 1.206658 | 368.7574 | 2.384533 | 14.24557 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 146.9034 | 4.838507 | 4.774976 | 4.678089 | 4.824344 | 4.813519 | 4.791218 |
| Stddev | .1775    | .024035  | .011026  | .004847  | .017145  | .017085  | .007957  |
| %RSD   | .1208129 | .4967485 | .2309168 | .1036017 | .3553897 | .3549468 | .1660782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 146.7003 | 4.814374 | 4.786096 | 4.674116 | 4.804995 | 4.832764 | 4.790303 |
| #2 | 147.0288 | 4.862444 | 4.764046 | 4.683489 | 4.830392 | 4.800139 | 4.783758 |
| #3 | 146.9810 | 4.838703 | 4.774785 | 4.676662 | 4.837645 | 4.807652 | 4.799593 |



Sample Name: CCV008      Acquired: 07/01/2021 16:08:33      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV008      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.790002 | 4.857834 | 4.546078 |
| Stddev | .014927  | .010375  | .011513  |
| %RSD   | .3116315 | .2135771 | .2532414 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.800879 | 4.864221 | 4.557469 |
| #2 | 4.796142 | 4.863418 | 4.534448 |
| #3 | 4.772983 | 4.845863 | 4.546317 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1763.770 | 32396.64 | 7568.035 | 973.1273 | 2076.493 |
| Stddev    | 3.395    | 113.37   | 24.136   | 2.3651   | .182     |
| %RSD      | .1924873 | .3499369 | .3189193 | .2430439 | .0087463 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1761.126 | 32484.91 | 7545.227 | 971.6145 | 2076.543 |
| #2 | 1762.586 | 32268.79 | 7565.570 | 971.9144 | 2076.645 |
| #3 | 1767.599 | 32436.23 | 7593.309 | 975.8528 | 2076.292 |

Sample Name: CCB008      Acquired: 07/01/2021 16:12:37      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB008      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016405 | .0018658 | .0012072 | .0009169 | .0032231 | -.001307 | -.001042 |
| Stddev | .0035394 | .0047850 | .0004940 | .0012000 | .0009972 | .002953  | .001036  |
| %RSD   | 215.7539 | 256.4553 | 40.91998 | 130.8761 | 30.93769 | 225.8250 | 99.41461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027122 | -.000330 | .0017622 | .0013714 | .0040936 | -.002995 | -.001778 |
| #2 | .0045202 | -.001427 | .0008158 | -.000444 | .0021352 | .002102  | .000143  |
| #3 | -.002311 | .007355  | .0010434 | .001823  | .0034407 | -.003030 | -.001490 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000883 | .0000571 | .0027831 | .0003624 | -.000212 | .0023743 | -.000044 |
| Stddev | .0000741 | .0001529 | .0016752 | .0002748 | .000197  | .0013561 | .007942  |
| %RSD   | 83.87217 | 267.9361 | 60.19025 | 75.82888 | 92.68608 | 57.11620 | 17884.36 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001738 | .0001868 | .0030320 | .0004911 | -.000409 | .0025531 | .008982  |
| #2 | .0000470 | .0000958 | .0009974 | .0005491 | -.000211 | .0009376 | -.003153 |
| #3 | .0000442 | -.000111 | .0043199 | .0000469 | -.000016 | .0036320 | -.005961 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002493 | -.023721 | .0000214 | -.000140 | .0374395 | .0022926 | -.000355 |
| Stddev | .0002777 | .012128  | .0000928 | .000122  | .2454719 | .0017174 | .001092  |
| %RSD   | 111.3511 | 51.12917 | 433.3739 | 87.26046 | 655.6502 | 74.91125 | 307.7041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000084 | -.034117 | .0000172 | -.000262 | .0573517 | .0010989 | -.000886 |
| #2 | .0001867 | -.026648 | -.000069 | -.000017 | -.217382 | .0015180 | .000901  |
| #3 | .0005530 | -.010397 | .000116  | -.000141 | .272349  | .0042608 | -.001080 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.027560 | .0053958 | .0087658 | .0015918 | -.001749 | -.001309 | -.001865 |
| Stddev | .074627  | .0024430 | .0017161 | .0001046 | .006276  | .000650  | .002150  |
| %RSD   | 270.7806 | 45.27604 | 19.57667 | 6.568673 | 358.8811 | 49.63146 | 115.2694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.093486 | .0032043 | .0105573 | .0014748 | -.008844 | -.001274 | -.003964 |
| #2 | .053460  | .0080299 | .0086033 | .0016246 | .003077  | -.001975 | .000333  |
| #3 | -.042653 | .0049534 | .0071368 | .0016760 | .000520  | -.000678 | -.001965 |

Sample Name: CCB008      Acquired: 07/01/2021 16:12:37      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB008      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002378 | .0013563 | -.000037 |
| Stddev | .0013899 | .0009516 | .000007  |
| %RSD   | 584.5664 | 70.16325 | 19.45827 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003632 | .0006355 | -.000036 |
| #2 | .0015607 | .0009984 | -.000030 |
| #3 | -.001211 | .0024350 | -.000044 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2010.492 | 34530.59 | 7785.965 | 1118.264 | 2513.432 |
| Stddev    | 4.113    | 76.31    | 33.074   | .996     | 2.832    |
| %RSD      | .2045671 | .2210007 | .4247888 | .0890396 | .1126672 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2007.329 | 34496.08 | 7824.078 | 1117.577 | 2512.848 |
| #2 | 2015.141 | 34477.63 | 7769.021 | 1119.406 | 2516.510 |
| #3 | 2009.006 | 34618.06 | 7764.798 | 1117.809 | 2510.937 |

Sample Name: PB137186BS      Acquired: 07/01/2021 16:23:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS186      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0214239 | .0545917 | .0197893 | .0720211 | .1317364 | .4069712 | .2996630 |
| Stddev | .0028829 | .0032544 | .0007512 | .0032490 | .0005609 | .0093369 | .0013770 |
| %RSD   | 13.45666 | 5.961359 | 3.796136 | 4.511202 | .4257911 | 2.294242 | .4595110 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0232719 | .0565314 | .0205391 | .0724399 | .1321073 | .4050219 | .2982756 |
| #2 | .0181020 | .0564092 | .0190366 | .0685829 | .1320107 | .3987629 | .3010294 |
| #3 | .0228979 | .0508345 | .0197923 | .0750403 | .1310911 | .4171289 | .2996839 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0118420 | .0113391 | 11.06561 | .0225734 | .1055828 | .0530469 | .2190119 |
| Stddev | .0000358 | .0001363 | .01523   | .0006968 | .0001800 | .0022841 | .0094849 |
| %RSD   | .3022215 | 1.201557 | .1376263 | 3.086906 | .1704890 | 4.305845 | 4.330785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0118518 | .0112799 | 11.06269 | .0220015 | .1054155 | .0504136 | .2159243 |
| #2 | .0118024 | .0112426 | 11.05206 | .0233495 | .1057733 | .0544925 | .2114555 |
| #3 | .0118719 | .0114950 | 11.08209 | .0223693 | .1055596 | .0542345 | .2296559 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0350470 | 11.64137 | .0924656 | .0200359 | 10.37089 | .1125307 | .1230241 |
| Stddev | .0004964 | .10392   | .0004851 | .0002462 | .13305   | .0012723 | .0044555 |
| %RSD   | 1.416274 | .8927047 | .5246759 | 1.228914 | 1.282872 | 1.130586 | 3.621667 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0346193 | 11.54999 | .0927707 | .0199378 | 10.51645 | .1131754 | .1277627 |
| #2 | .0349303 | 11.61969 | .0927199 | .0203160 | 10.34063 | .1110651 | .1189196 |
| #3 | .0355913 | 11.75442 | .0919062 | .0198538 | 10.25557 | .1133515 | .1223901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.32389 | .0246251 | .0199701 | .0234411 | .1641429 | .2141564 | .0132714 |
| Stddev | .04596   | .0003290 | .0007716 | .0005306 | .0075180 | .0011653 | .0018265 |
| %RSD   | .4451540 | 1.336213 | 3.863750 | 2.263359 | 4.580171 | .5441549 | 13.76243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.27391 | .0249283 | .0205770 | .0232728 | .1596231 | .2132976 | .0124419 |
| #2 | 10.36433 | .0242753 | .0191018 | .0230151 | .1728215 | .2154829 | .0120069 |
| #3 | 10.33343 | .0246718 | .0202316 | .0240354 | .1599842 | .2136886 | .0153654 |

Sample Name: PB137186BS      Acquired: 07/01/2021 16:23:42      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: LCS186      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2242897 | .0274726 | .2309737 |
| Stddev | .0006168 | .0014893 | .0005366 |
| %RSD   | .2750103 | 5.421106 | .2323319 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2250019 | .0261031 | .2303617 |
| #2 | .2239347 | .0290581 | .2311961 |
| #3 | .2239324 | .0272566 | .2313634 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2004.629 | 34591.41 | 7840.915 | 1113.379 | 2518.564 |
| Stddev    | 3.212    | 157.49   | 23.405   | 7.643    | 6.280    |
| %RSD      | .1602422 | .4552942 | .2984948 | .6864504 | .2493483 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2001.103 | 34496.32 | 7851.461 | 1109.432 | 2511.488 |
| #2 | 2005.396 | 34773.20 | 7857.190 | 1122.188 | 2523.474 |
| #3 | 2007.389 | 34504.70 | 7814.093 | 1108.516 | 2520.731 |

Sample Name: M2250-03      Acquired: 07/01/2021 16:36:06      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MDL-SOIL-QT3 Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056926 | .0090473 | .0051899 | .0193266 | .0132858 | .0225288 | .0272187 |
| Stddev | .0038594 | .0015432 | .0026034 | .0013297 | .0021570 | .0121115 | .0005195 |
| %RSD   | 67.79657 | 17.05744 | 50.16327 | 6.880220 | 16.23526 | 53.76013 | 1.908780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028438 | .0108204 | .0079531 | .0184427 | .0129433 | .0256955 | .0266968 |
| #2 | .0100849 | .0080068 | .0048337 | .0186813 | .0155935 | .0091485 | .0277358 |
| #3 | .0041491 | .0083147 | .0027830 | .0208558 | .0113205 | .0327423 | .0272234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017550 | .0016282 | .5228820 | .0031532 | .0073504 | .0039753 | .0452723 |
| Stddev | .0000471 | .0000611 | .0134794 | .0003993 | .0001716 | .0007755 | .0035312 |
| %RSD   | 2.682080 | 3.752067 | 2.577903 | 12.66261 | 2.334432 | 19.50741 | 7.799840 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017129 | .0016920 | .5073886 | .0028419 | .0072917 | .0038947 | .0487899 |
| #2 | .0017464 | .0015703 | .5293405 | .0036034 | .0072158 | .0032433 | .0452994 |
| #3 | .0018058 | .0016222 | .5319170 | .0030145 | .0075436 | .0047880 | .0417277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055407 | .5064279 | .0113699 | .0018175 | .8408472 | .0103273 | .0146180 |
| Stddev | .0003355 | .0336557 | .0005351 | .0002420 | .1316468 | .0018187 | .0006622 |
| %RSD   | 6.055229 | 6.645696 | 4.706661 | 13.31359 | 15.65644 | 17.61035 | 4.530233 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054037 | .5419326 | .0108279 | .0019159 | .9918231 | .0090107 | .0153806 |
| #2 | .0052954 | .5023599 | .0113836 | .0015418 | .7500111 | .0095686 | .0141883 |
| #3 | .0059231 | .4749911 | .0118980 | .0019948 | .7807074 | .0124024 | .0142851 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5497546 | .0083972 | .0008302 | .0048330 | .0453614 | .0483015 | .0008958 |
| Stddev | .0497737 | .0044459 | .0007994 | .0004789 | .0027017 | .0006979 | .0019999 |
| %RSD   | 9.053796 | 52.94560 | 96.28959 | 9.908618 | 5.955988 | 1.444810 | 223.2570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5062349 | .0044532 | .0015713 | .0043181 | .0428911 | .0475067 | -.001331 |
| #2 | .5390038 | .0075232 | -.000017 | .0049158 | .0449464 | .0488138 | .002540  |
| #3 | .6040251 | .0132152 | .000936  | .0052651 | .0482466 | .0485841 | .001478  |

Sample Name: M2250-03      Acquired: 07/01/2021 16:36:06      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MDL-SOIL-QT3 Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0105588 | .0031741 | .0058305 |
| Stddev | .0010729 | .0015429 | .0000579 |
| %RSD   | 10.16123 | 48.60788 | .9937997 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0095410 | .0026659 | .0058940 |
| #2 | .0104561 | .0049070 | .0058167 |
| #3 | .0116794 | .0019495 | .0057806 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1996.567 | 34451.04 | 7747.425 | 1111.290 | 2494.680 |
| Stddev    | 4.101    | 60.91    | 48.468   | 1.994    | 1.791    |
| %RSD      | .2054236 | .1767952 | .6255965 | .1794177 | .0718013 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1993.754 | 34456.08 | 7771.588 | 1109.548 | 2496.684 |
| #2 | 1994.674 | 34387.77 | 7779.061 | 1113.464 | 2493.236 |
| #3 | 2001.273 | 34509.28 | 7691.626 | 1110.858 | 2494.121 |

Sample Name: PB137187BL      Acquired: 07/01/2021 16:40:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW187      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027757 | -.000390 | -.002200 | .0007063 | .0013441 | -.009549 | -.001096 |
| Stddev | .0003779 | .003094  | .002107  | .0043863 | .0008448 | .002563  | .000529  |
| %RSD   | 13.61516 | 792.5437 | 95.76924 | 621.0124 | 62.84971 | 26.84414 | 48.28879 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028993 | -.003914 | .000019  | -.004345 | .0017736 | -.011402 | -.001034 |
| #2 | .0023515 | .001883  | -.004173 | .002907  | .0003709 | -.006624 | -.000601 |
| #3 | .0030763 | .000860  | -.002446 | .003557  | .0018879 | -.010622 | -.001654 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000012 | .0000105 | -.004353 | .0008261 | -.000237 | -.001754 | -.003492 |
| Stddev | .000100  | .0000439 | .006178  | .0005929 | .000099  | .001468  | .006062  |
| %RSD   | 862.2021 | 418.0734 | 141.9186 | 71.76855 | 41.84297 | 83.67222 | 173.5874 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000063 | -.000027 | .000385  | .0010572 | -.000293 | -.003368 | -.004303 |
| #2 | -.000075 | .000059  | -.011340 | .0012687 | -.000122 | -.001396 | -.009107 |
| #3 | .000104  | .000000  | -.002104 | .0001525 | -.000295 | -.000499 | .002935  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000536 | .0179215 | .0000819 | -.000496 | -.161509 | .0013765 | .0000369 |
| Stddev | .0002867 | .0167629 | .0004496 | .000187  | .260562  | .0009317 | .0005132 |
| %RSD   | 534.9238 | 93.53485 | 549.2170 | 37.67896 | 161.3294 | 67.68766 | 1389.787 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000211 | .0371147 | .0004268 | -.000661 | .106379  | .0003010 | .0001616 |
| #2 | .000358  | .0104952 | -.000427 | -.000293 | -.414069 | .0019381 | .0004764 |
| #3 | .000014  | .0061547 | .000245  | -.000534 | -.176838 | .0018905 | -.000527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0723720 | .0029172 | -.004377 | -.000157 | -.005317 | -.002967 | -.002194 |
| Stddev | .0373935 | .0020863 | .001191  | .000085  | .007593  | .000849  | .000356  |
| %RSD   | 51.66849 | 71.51773 | 27.22086 | 53.99341 | 142.8066 | 28.62341 | 16.23846 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1145813 | .0035513 | -.005054 | -.000077 | .003382  | -.003863 | -.001954 |
| #2 | .0591451 | .0005874 | -.003001 | -.000149 | -.008719 | -.002865 | -.002603 |
| #3 | .0433896 | .0046129 | -.005076 | -.000245 | -.010615 | -.002174 | -.002024 |



Sample Name: PB137187BL      Acquired: 07/01/2021 16:40:17      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW187      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007496 | -.004723 | -.000001 |
| Stddev | .0013021 | .000610  | .000024  |
| %RSD   | 173.7097 | 12.91020 | 1671.622 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0017697 | -.004283 | .000014  |
| #2 | -.000717 | -.004466 | .000010  |
| #3 | .001196  | -.005419 | -.000029 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2008.382 | 34583.45 | 7824.871 | 1123.420 | 2510.296 |
| Stddev    | 4.006    | 48.75    | 19.232   | 5.094    | 1.456    |
| %RSD      | .1994703 | .1409617 | .2457789 | .4534324 | .0579856 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2008.116 | 34535.93 | 7846.518 | 1121.894 | 2511.186 |
| #2 | 2012.515 | 34581.07 | 7809.758 | 1119.263 | 2508.616 |
| #3 | 2004.516 | 34633.35 | 7818.336 | 1129.103 | 2511.085 |

Sample Name: PB137187BS      Acquired: 07/01/2021 17:28:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS187      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241505 | .0555514 | .0196946 | .0744316 | .1350463 | .4165334 | .2873844 |
| Stddev | .0043457 | .0042414 | .0019488 | .0030593 | .0020187 | .0087014 | .0006209 |
| %RSD   | 17.99404 | 7.635049 | 9.895035 | 4.110275 | 1.494848 | 2.088998 | .2160516 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0281991 | .0511846 | .0208619 | .0725373 | .1349166 | .4116216 | .2878836 |
| #2 | .0195588 | .0596552 | .0207770 | .0727964 | .1330956 | .4265800 | .2875806 |
| #3 | .0246935 | .0558143 | .0174448 | .0779610 | .1371268 | .4113984 | .2866892 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0121040 | .0113900 | 11.07478 | .0216782 | .1051335 | .0511546 | .2273473 |
| Stddev | .0001099 | .0000451 | .04738   | .0006064 | .0004366 | .0011804 | .0024064 |
| %RSD   | .9082187 | .3957425 | .4278421 | 2.797286 | .4152721 | 2.307538 | 1.058485 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0121128 | .0113732 | 11.02181 | .0211495 | .1048512 | .0523084 | .2290009 |
| #2 | .0122092 | .0113557 | 11.08938 | .0215448 | .1056363 | .0499493 | .2284545 |
| #3 | .0119899 | .0114410 | 11.11314 | .0223401 | .1049129 | .0512060 | .2245865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0347712 | 11.93863 | .0932456 | .0194485 | 10.66378 | .1167355 | .1194859 |
| Stddev | .0002777 | .03676   | .0006181 | .0003088 | .01799   | .0009688 | .0027070 |
| %RSD   | .7987772 | .3079087 | .6628309 | 1.587791 | .1686739 | .8298976 | 2.265537 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0346273 | 11.89872 | .0935995 | .0197809 | 10.67654 | .1177752 | .1164847 |
| #2 | .0345950 | 11.94608 | .0925319 | .0193941 | 10.64321 | .1165731 | .1202299 |
| #3 | .0350914 | 11.97110 | .0936054 | .0191705 | 10.67159 | .1158582 | .1217430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.37668 | .0219345 | .0151767 | .0223828 | .1603799 | .2178566 | .0143401 |
| Stddev | .09025   | .0013851 | .0012154 | .0009500 | .0041927 | .0017527 | .0041405 |
| %RSD   | .8697257 | 6.314762 | 8.008344 | 4.244172 | 2.614214 | .8045146 | 28.87376 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.44303 | .0216496 | .0165601 | .0218432 | .1642884 | .2158961 | .0099111 |
| #2 | 10.41309 | .0207140 | .0146891 | .0218255 | .1559515 | .2192719 | .0181140 |
| #3 | 10.27391 | .0234399 | .0142807 | .0234796 | .1608997 | .2184017 | .0149953 |

Sample Name: PB137187BS      Acquired: 07/01/2021 17:28:26      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCS187      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2258691 | .0259926 | .2310562 |
| Stddev | .0003673 | .0006540 | .0009154 |
| %RSD   | .1626205 | 2.515984 | .3961627 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .2259510 | .0267224 | .2303205 |
| #2 | .2261885 | .0254596 | .2320812 |
| #3 | .2254677 | .0257960 | .2307668 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1994.017 | 34598.69 | 7726.460 | 1123.924 | 2509.295 |
| Stddev    | 4.885    | 131.24   | 17.277   | 1.311    | 4.021    |
| %RSD      | .2449874 | .3793072 | .2236093 | .1166100 | .1602584 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1992.754 | 34584.91 | 7706.987 | 1122.544 | 2507.942 |
| #2 | 1999.410 | 34474.88 | 7739.953 | 1125.152 | 2513.818 |
| #3 | 1989.888 | 34736.27 | 7732.439 | 1124.075 | 2506.124 |

Sample Name: M2250-01RE      Acquired: 07/01/2021 17:32:34      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MDL-WATER-QT Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0049250 | .0084569 | .0040384 | .0181232 | .0137292 | .0227421 | .0260357 |
| Stddev | .0052276 | .0011593 | .0011915 | .0013162 | .0008972 | .0037388 | .0008163 |
| %RSD   | 106.1442 | 13.70846 | 29.50525 | 7.262507 | 6.534893 | 16.43983 | 3.135144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0088118 | .0086861 | .0028578 | .0174200 | .0139935 | .0201460 | .0254730 |
| #2 | .0069812 | .0094845 | .0052406 | .0196416 | .0144645 | .0270274 | .0256622 |
| #3 | -.001018 | .0072001 | .0040168 | .0173079 | .0127295 | .0210529 | .0269719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016622 | .0015710 | .4977987 | .0031263 | .0070620 | .0020238 | .0462367 |
| Stddev | .0001130 | .0000538 | .0080684 | .0006581 | .0002988 | .0002764 | .0051595 |
| %RSD   | 6.798400 | 3.426159 | 1.620826 | 21.04981 | 4.231010 | 13.65999 | 11.15899 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017889 | .0016317 | .4951284 | .0038765 | .0073899 | .0018034 | .0469427 |
| #2 | .0015719 | .0015525 | .5068638 | .0026464 | .0068051 | .0023340 | .0510069 |
| #3 | .0016258 | .0015289 | .4914039 | .0028560 | .0069909 | .0019339 | .0407605 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052657 | .4812278 | .0112312 | .0021186 | .5933831 | .0120165 | .0144451 |
| Stddev | .0006091 | .0016006 | .0002858 | .0001433 | .2392634 | .0017890 | .0007996 |
| %RSD   | 11.56696 | .3326083 | 2.544897 | 6.763417 | 40.32191 | 14.88759 | 5.535664 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0052825 | .4825922 | .0114813 | .0021913 | .6585812 | .0131302 | .0146467 |
| #2 | .0058662 | .4816253 | .0112926 | .0022110 | .7932896 | .0129663 | .0135640 |
| #3 | .0046484 | .4794659 | .0109196 | .0019535 | .3282784 | .0099529 | .0151247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5470210 | .0061058 | .0021198 | .0042617 | .0375814 | .0486190 | .0056705 |
| Stddev | .0207739 | .0006163 | .0001405 | .0003551 | .0049709 | .0012382 | .0009935 |
| %RSD   | 3.797635 | 10.09335 | 6.627485 | 8.331695 | 13.22701 | 2.546791 | 17.51959 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5241920 | .0059759 | .0020140 | .0042764 | .0318457 | .0471916 | .0052592 |
| #2 | .5520576 | .0067767 | .0020661 | .0038996 | .0406394 | .0494041 | .0049488 |
| #3 | .5648135 | .0055649 | .0022792 | .0046093 | .0402591 | .0492613 | .0068036 |

Sample Name: M2250-01RE      Acquired: 07/01/2021 17:32:34      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MDL-WATER-QT Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0110691 | .0024666 | .0056388 |
| Stddev | .0001004 | .0013009 | .0000292 |
| %RSD   | .9070660 | 52.73998 | .5180751 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0110884 | .0010438 | .0056544 |
| #2 | .0109604 | .0035950 | .0056051 |
| #3 | .0111585 | .0027609 | .0056569 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1994.210 | 34343.23 | 7696.443 | 1114.332 | 2499.202 |
| Stddev    | 1.370    | 88.10    | 24.882   | 4.902    | 2.512    |
| %RSD      | .0686896 | .2565238 | .3232911 | .4399181 | .1005316 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1992.631 | 34385.04 | 7669.084 | 1119.897 | 2498.895 |
| #2 | 1994.914 | 34242.02 | 7717.720 | 1112.445 | 2496.858 |
| #3 | 1995.084 | 34402.64 | 7702.524 | 1110.653 | 2501.854 |

Sample Name: PB137186BL      Acquired: 07/01/2021 17:45:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS186      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000072 | -.000550 | -.002956 | .0034813 | .0022984 | -.007381 | -.000839 |
| Stddev | .002720  | .001985  | .000483  | .0002147 | .0015276 | .002067  | .000235  |
| %RSD   | 3764.232 | 361.2414 | 16.33444 | 6.168794 | 66.46218 | 28.00710 | 28.05209 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000952  | .000393  | -.003330 | .0034891 | .0040567 | -.008346 | -.000718 |
| #2 | -.003156 | -.002831 | -.003128 | .0036920 | .0015405 | -.005008 | -.001110 |
| #3 | .001987  | .000789  | -.002411 | .0032627 | .0012980 | -.008790 | -.000689 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001221 | -.000029 | -.008680 | .0005193 | -.000204 | -.003612 | -.006305 |
| Stddev | .0000455 | .000056  | .006905  | .0007791 | .000201  | .002912  | .004532  |
| %RSD   | 37.27772 | 192.6524 | 79.55685 | 150.0179 | 98.34223 | 80.63126 | 71.88284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000824 | .000007  | -.008818 | .0012407 | -.000159 | -.001700 | -.005710 |
| #2 | .0001718 | -.000093 | -.001706 | -.000307 | -.000424 | -.006964 | -.002099 |
| #3 | .0001122 | -.000000 | -.015514 | .000624  | -.000030 | -.002172 | -.011104 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000041 | -.041805 | -.000047 | -.000343 | .0676056 | .0006739 | .0008496 |
| Stddev | .000171  | .029620  | .000233  | .000497  | .2315353 | .0034757 | .0010406 |
| %RSD   | 420.3947 | 70.85175 | 495.2689 | 144.6887 | 342.4797 | 515.7307 | 122.4873 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000035  | -.012461 | .000041  | -.000901 | .0698654 | .0045934 | .0014541 |
| #2 | .000079  | -.041263 | .000129  | .000054  | .2980026 | -.002033 | -.000352 |
| #3 | -.000236 | -.071693 | -.000312 | -.000184 | -.165051 | -.000538 | .001447  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1068997 | .0011063 | -.003409 | -.000332 | -.009733 | -.002881 | -.002646 |
| Stddev | .0203829 | .0043964 | .000710  | .000277  | .008086  | .001007  | .001578  |
| %RSD   | 19.06727 | 397.4038 | 20.82486 | 83.43126 | 83.08080 | 34.96370 | 59.62184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0921401 | -.003969 | -.003749 | -.000424 | -.014416 | -.003955 | -.000856 |
| #2 | .1301564 | .003561  | -.003884 | -.000552 | -.000396 | -.001956 | -.003833 |
| #3 | .0984025 | .003727  | -.002593 | -.000021 | -.014387 | -.002733 | -.003251 |

Sample Name: PB137186BL      Acquired: 07/01/2021 17:45:01      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBS186      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000553 | -.005124 | -.000076 |
| Stddev | .000484  | .000730  | .000061  |
| %RSD   | 87.57632 | 14.23718 | 80.82169 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000756 | -.005967 | -.000067 |
| #2 | -.000000 | -.004701 | -.000141 |
| #3 | -.000902 | -.004705 | -.000020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1993.335 | 34248.18 | 7674.411 | 1111.667 | 2491.771 |
| Stddev    | 7.376    | 112.09   | 53.078   | 7.714    | 8.574    |
| %RSD      | .3700238 | .3272817 | .6916193 | .6939158 | .3440894 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1995.904 | 34206.09 | 7616.717 | 1108.715 | 2491.369 |
| #2 | 1999.084 | 34163.23 | 7721.170 | 1105.865 | 2500.539 |
| #3 | 1985.019 | 34375.22 | 7685.346 | 1120.421 | 2483.405 |

Sample Name: M2250-01      Acquired: 07/01/2021 17:49:09      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: MDL-WATER-QT Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068705 | .0094367 | .0053311 | .0160934 | .0141943 | .0164374 | .0256747 |
| Stddev | .0023676 | .0012861 | .0022618 | .0007005 | .0012158 | .0059779 | .0002848 |
| %RSD   | 34.46072 | 13.62870 | 42.42674 | 4.353029 | 8.565555 | 36.36747 | 1.109352 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060453 | .0080891 | .0028864 | .0163114 | .0152257 | .0164913 | .0253463 |
| #2 | .0095404 | .0106510 | .0073493 | .0153097 | .0128538 | .0104328 | .0258540 |
| #3 | .0050260 | .0095700 | .0057577 | .0166589 | .0145035 | .0223882 | .0258238 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016889 | .0015424 | .4973968 | .0028363 | .0068010 | .0037458 | .0509838 |
| Stddev | .0000406 | .0001083 | .0157394 | .0004493 | .0000918 | .0016267 | .0106913 |
| %RSD   | 2.400781 | 7.020281 | 3.164355 | 15.83940 | 1.350379 | 43.42711 | 20.97003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017347 | .0014730 | .4796238 | .0032744 | .0067801 | .0021182 | .0607196 |
| #2 | .0016741 | .0014870 | .5095723 | .0028577 | .0067214 | .0053715 | .0526898 |
| #3 | .0016578 | .0016671 | .5029944 | .0023767 | .0069015 | .0037476 | .0395421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053041 | .4710923 | .0104871 | .0022716 | .8034997 | .0126433 | .0139043 |
| Stddev | .0001929 | .0102755 | .0002924 | .0002020 | .2665374 | .0011947 | .0021468 |
| %RSD   | 3.636208 | 2.181206 | 2.788501 | 8.892379 | 33.17206 | 9.449335 | 15.43997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051158 | .4709055 | .0107473 | .0024944 | .5386865 | .0113475 | .0114376 |
| #2 | .0055013 | .4609115 | .0101706 | .0021003 | .8000843 | .0137010 | .0153509 |
| #3 | .0052953 | .4814600 | .0105433 | .0022201 | 1.071729 | .0128814 | .0149244 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4981165 | .0062693 | .0017698 | .0046338 | .0466935 | .0462452 | .0012292 |
| Stddev | .0750452 | .0021408 | .0010134 | .0000229 | .0063578 | .0010116 | .0008848 |
| %RSD   | 15.06579 | 34.14783 | 57.26138 | .4950474 | 13.61597 | 2.187423 | 71.97832 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4202381 | .0045545 | .0028977 | .0046413 | .0538114 | .0459495 | .0006741 |
| #2 | .5699646 | .0086687 | .0009361 | .0046080 | .0415779 | .0454144 | .0007640 |
| #3 | .5041467 | .0055847 | .0014755 | .0046520 | .0446913 | .0473716 | .0022495 |



Sample Name: M2250-01      Acquired: 07/01/2021 17:49:09      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: MDL-WATER-QT Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0109435 | .0015900 | .0055877 |
| Stddev | .0009746 | .0015964 | .0000465 |
| %RSD   | 8.905407 | 100.4023 | .8328034 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0116727 | .0030497 | .0055499 |
| #2 | .0113212 | .0018351 | .0056396 |
| #3 | .0098366 | -.000115 | .0055735 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1997.323 | 34375.51 | 7707.121 | 1116.492 | 2498.405 |
| Stddev    | 2.822    | 63.58    | 33.410   | 4.951    | 3.380    |
| %RSD      | .1412732 | .1849568 | .4335002 | .4434723 | .1353005 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2000.080 | 34316.88 | 7744.452 | 1118.514 | 2501.870 |
| #2 | 1997.447 | 34366.56 | 7680.029 | 1110.849 | 2498.228 |
| #3 | 1994.441 | 34443.09 | 7696.880 | 1120.112 | 2495.117 |

Sample Name: CCV009      Acquired: 07/01/2021 17:59:49      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1517)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.816429 | 4.853652 | 24.35112 | 4.648927 | 4.843969 | 392.6240 | 9.971059 |
| Stddev | .015588  | .017851  | .08858   | .012128  | .017425  | 2.1841   | .008042  |
| %RSD   | .3236369 | .3677908 | .3637646 | .2608722 | .3597215 | .5562761 | .0806491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.808332 | 4.857926 | 24.32495 | 4.650435 | 4.851806 | 391.0633 | 9.979008 |
| #2 | 4.834399 | 4.834051 | 24.27857 | 4.636116 | 4.824002 | 391.6887 | 9.971241 |
| #3 | 4.806556 | 4.868977 | 24.44984 | 4.660231 | 4.856099 | 395.1199 | 9.962928 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4915176 | 2.437625 | 404.8472 | 14.77974 | 2.463834 | 14.90894 | 407.0580 |
| Stddev | .0015105 | .010194  | .7158    | .01934   | .012553  | .02029   | 1.1300   |
| %RSD   | .3073130 | .4182005 | .1768092 | .1308773 | .5095084 | .1360910 | .2775974 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4926680 | 2.430857 | 404.7185 | 14.76350 | 2.456576 | 14.91515 | 407.4873 |
| #2 | .4920779 | 2.432667 | 404.2044 | 14.80114 | 2.456597 | 14.88627 | 405.7763 |
| #3 | .4898071 | 2.449350 | 405.6186 | 14.77458 | 2.478330 | 14.92540 | 407.9104 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.66539 | 401.8695 | 2.448950 | 1.246668 | 398.6041 | 2.467552 | 14.57842 |
| Stddev | .02550   | 1.7840   | .007430  | .007141  | 1.4398   | .005538  | .07669   |
| %RSD   | .1738959 | .4439250 | .3033786 | .5727960 | .3612111 | .2244304 | .5260366 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.64807 | 401.5905 | 2.449555 | 1.238920 | 399.0291 | 2.464197 | 14.56897 |
| #2 | 14.65343 | 400.2415 | 2.441237 | 1.248096 | 396.9996 | 2.464514 | 14.65940 |
| #3 | 14.69468 | 403.7766 | 2.456059 | 1.252986 | 399.7836 | 2.473944 | 14.50690 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.0818 | 5.073062 | 4.932336 | 4.835845 | 4.993598 | 4.889972 | 4.956223 |
| Stddev | .4747    | .026526  | .016455  | .006316  | .029602  | .021263  | .015005  |
| %RSD   | .3142259 | .5228700 | .3336090 | .1306071 | .5927984 | .4348307 | .3027587 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 151.3225 | 5.063154 | 4.950769 | 4.842000 | 4.959430 | 4.914525 | 4.958177 |
| #2 | 150.5349 | 5.052918 | 4.927110 | 4.829380 | 5.009833 | 4.877747 | 4.940336 |
| #3 | 151.3880 | 5.103116 | 4.919128 | 4.836155 | 5.011530 | 4.877645 | 4.970155 |

Sample Name: CCV009      Acquired: 07/01/2021 17:59:49      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1517)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV009      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.928149 | 5.005436 | 4.687319 |
| Stddev | .015163  | .008237  | .043687  |
| %RSD   | .3076827 | .1645570 | .9320232 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.931833 | 5.007362 | 4.637084 |
| #2 | 4.911484 | 4.996406 | 4.708448 |
| #3 | 4.941131 | 5.012538 | 4.716425 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1746.963 | 32059.39 | 7464.883 | 966.5646 | 2056.480 |
| Stddev    | 2.784    | 67.70    | 24.992   | 4.2585   | 4.659    |
| %RSD      | .1593520 | .2111827 | .3347997 | .4405833 | .2265305 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1743.931 | 32000.16 | 7441.322 | 964.0579 | 2056.647 |
| #2 | 1747.555 | 32044.82 | 7491.096 | 964.1542 | 2061.053 |
| #3 | 1749.403 | 32133.19 | 7462.232 | 971.4816 | 2051.740 |

Sample Name: CCB009      Acquired: 07/01/2021 18:03:55      Type: Unk  
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005006 | -.000969 | -.000314 | .0025944 | .0026197 | -.002538 | -.000420 |
| Stddev | .003665  | .002705  | .001420  | .0016961 | .0025118 | .008407  | .000283  |
| %RSD   | 73.21210 | 279.2337 | 452.1425 | 65.37677 | 95.87985 | 331.2154 | 67.32037 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008326 | -.001343 | -.001146 | .0045278 | .0050568 | -.010552 | -.000582 |
| #2 | -.005620 | -.003467 | -.001121 | .0018986 | .0000394 | .006213  | -.000584 |
| #3 | -.001073 | .001904  | .001325  | .0013568 | .0027629 | -.003275 | -.000093 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000519 | .0001052 | .0001290 | .0009275 | -.000017 | .0006239 | .0012666 |
| Stddev | .0000390 | .0000446 | .0083317 | .0006032 | .000200  | .0019890 | .0079935 |
| %RSD   | 75.07871 | 42.37712 | 6459.143 | 65.03852 | 1167.068 | 318.7782 | 631.0853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000926 | .0001521 | .0075914 | .0003634 | -.000027 | .0023903 | .0102247 |
| #2 | .0000483 | .0001000 | -.008861 | .0008557 | -.000212 | .0010121 | -.001286 |
| #3 | .0000149 | .0000634 | .001656  | .0015635 | .000187  | -.001531 | -.005139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000346 | .0181637 | .0002612 | -.000278 | .0008870 | .0016768 | .0003803 |
| Stddev | .0001949 | .0115168 | .0005002 | .000339  | .1985859 | .0014055 | .0006117 |
| %RSD   | 563.3878 | 63.40536 | 191.5154 | 122.0316 | 22387.66 | 83.81954 | 160.8758 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002586 | .0211838 | -.000225 | -.000526 | .0828612 | .0019565 | -.000273 |
| #2 | -.000058 | .0278696 | .000234  | .000108  | .1453629 | .0029214 | .000474  |
| #3 | -.000097 | .0054378 | .000774  | -.000415 | -.225563 | .0001525 | .000940  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0470788 | .0034061 | .0041328 | .0013389 | -.008758 | -.001071 | -.002098 |
| Stddev | .0902615 | .0018894 | .0006019 | .0005520 | .007810  | .001546  | .001221  |
| %RSD   | 191.7243 | 55.47039 | 14.56259 | 41.22799 | 89.17548 | 144.3605 | 58.22025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022765 | .0046703 | .0047251 | .0017878 | -.011591 | .000133  | -.002009 |
| #2 | -.012017 | .0043138 | .0035218 | .0015063 | .000073  | -.000531 | -.000923 |
| #3 | .150977  | .0012342 | .0041516 | .0007226 | -.014756 | -.002814 | -.003361 |

Sample Name: CCB009      Acquired: 07/01/2021 18:03:55      Type: Unk  
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1516)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB009      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002829 | .0009078 | .0000163 |
| Stddev | .0001562 | .0004627 | .0000356 |
| %RSD   | 55.20688 | 50.97590 | 218.9120 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0003582 | .0014301 | .0000523 |
| #2 | .0001033 | .0005491 | .0000155 |
| #3 | .0003871 | .0007441 | -.000019 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1987.041 | 34157.27 | 7648.328 | 1108.293 | 2484.977 |
| Stddev    | 5.771    | 88.59    | 59.672   | 2.754    | 5.328    |
| %RSD      | .2904383 | .2593486 | .7801908 | .2485028 | .2144157 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1980.696 | 34106.38 | 7657.729 | 1105.811 | 2479.233 |
| #2 | 1988.448 | 34105.87 | 7702.741 | 1107.811 | 2485.939 |
| #3 | 1991.978 | 34259.56 | 7584.514 | 1111.256 | 2489.759 |